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**Test Results for Mobile Device Acquisition Tool:  
Micro Systemation .XRY 3.6**

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Micro Systemation .XRY 3.6**



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## Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice (NIJ), the research and development organization of the U.S. Department of Justice, and the National Institute of Standards and Technology's (NIST's) Office of Law Enforcement Standards (OLEES) and Information Technology Laboratory. CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, and the U.S. Department of Homeland Security's Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection and U.S. Secret Service. The objective of the CFTT program is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. This approach to testing computer forensic tools is based on well-recognized methodologies for conformance and quality testing. The specifications and test methods are posted on the CFTT Web site (<http://www.cftt.nist.gov/>) for review and comment by the computer forensics community.

This document reports the results from testing Micro Systemation .XRY, version 3.6, against the *GSM Mobile Device and Associated Media Tool Specification and Test Plan Version 1.1*, available at the CFTT Web site (<http://www.cftt.nist.gov/GSM-Mobile-Device-and-Associated-Media-Tool-Specification-and-Test-Plan.pdf>). Collected data packets (sent and received data transmissions) for mobile device internal memory acquisitions and SIM internal memory acquisitions, captured via a port monitoring utility, are posted at [www.cftt.nist.gov/mobile\\_devices.htm](http://www.cftt.nist.gov/mobile_devices.htm).

Test results from other software packages and the CFTT tool methodology can be found on NIJ's computer forensics tool testing Web page, <http://www.ojp.usdoj.gov/nij/topics/technology/electronic-crime/cftt.htm>.

## Test Results for Mobile Device Data Acquisition Tool

Tool Tested: Micro Systemation .XRY  
Version: 3.6  
Run Environments: Windows XP Service Pack 2

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### 1 Results Summary

Except for the following test cases (CFT-IM-05, CFT-IM-06), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices and associated media (i.e., Nokia 6101, T-Mobile SIM, Motorola RAZR V3, AT&T SIM). The exceptions are the following:

1. The MSISDN was not reported for the Nokia 6101 after a successful internal memory acquisition. (CFT-IM-05: Nokia 6101)
2. Maximum length Notes created on the Nokia 6101 were truncated preventing the entire message to be acquired. The tool reports a maximum of 184 characters within a Note. (CFT-IM-06: Nokia 6101)

## 2 Test Case Selection

Not all test cases or test assertions are appropriate for all tools. In addition to the base test cases, each remaining test case is linked to optional tool features needed for the test case. If a given tool implements a given feature then the test cases linked to that feature are run. Table 1 lists the features available in Micro Systemation .XRY and the linked test cases. Table 2 lists the features not available in Micro Systemation .XRY and the linked test cases.

**Table 1 Selected Test Cases**

| <b>Supported Optional Feature</b>  | <b>Cases selected for execution</b> |
|--|-------------------------------------|
| Base Cases   | CFT-IM-(01-10), CFT-SIM-(01-10)     |
| Acquire mobile device internal memory and review data via supported generated report formats   | CFT-IMO-01                          |
| Acquire mobile device internal memory and review reported data via the preview pane  | CFT-IMO-02                          |
| Acquire mobile device internal memory and compare reported data via the preview pane and supported generated report formats            | CFT-IMO-03                          |
| After a successful mobile device internal memory acquisition, alter the case file via third party means and attempt to reopen the case | CFT-IMO-04                          |
| Create a SIM access card via vendor documentation  | CFT-IMO-07                          |
| Acquire mobile device internal memory and review generated log files   | CFT-IMO-08                          |
| Acquire mobile device internal memory and review data containing foreign language characters   | CFT-IMO-09                          |
| Acquire mobile device internal memory and review hash values for vendor supported data objects   | CFT-IMO-11                          |
| Acquire SIM internal memory and review acquired data via supported generated report formats  | CFT-SIMO-01                         |
| Acquire SIM internal memory and review acquired data via the preview pane  | CFT-SIMO-02                         |
| Acquire SIM internal memory and compare acquired data via the preview pane and supported generated reports                             | CFT-SIMO-03                         |
| After a successful SIM internal memory acquisition, alter the case file via third party means and attempt to reopen the case           | CFT-SIMO-04                         |

|  |             |
|--|-------------|
| Acquire SIM internal memory and review reports for recoverable deleted data  | CFT-SIMO-05 |
| Acquire SIM internal memory and review generated log files   | CFT-SIMO-06 |
| Acquire SIM internal memory and review data containing foreign language characters   | CFT-SIMO-07 |
| Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value                          | CFT-SIMO-08 |
| Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value | CFT-SIMO-09 |

**Table 2 Omitted Test Cases**

| <b>Unsupported Optional Feature</b>  | <b>Cases omitted (not executed)</b> |
|--|-------------------------------------|
| Perform a physical acquisition and review data output for readability  | CFT-IMO-05                          |
| Perform a physical acquisition and review reports for recoverable deleted data   | CFT-IMO-06                          |
| Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM | CFT-IMO-10                          |
| Acquire mobile device internal memory and review the overall case file hash  | CFT-IMO-12                          |
| Acquire SIM internal memory and review hash values for vendor supported data objects   | CFT-SIMO-10                         |
| Acquire SIM internal memory and review the overall case file hash  | CFT-SIMO-11                         |

Some test cases have variant forms to accommodate parameters within test assertions. These variations cover the acquisition interface type (i.e., Bluetooth, Infrared).

The following source mobile device acquisition interfaces were tested: cable and Bluetooth for the Motorola RAZR V3, cable and IrDA for the Nokia 6101, and Micro Systemation's USB SIM reader for internal memory SIM acquisitions.

### 3 Results by Test Assertion

Table 3 summarizes the test results by assertion. The column labeled **Assertion** gives the text of each assertion. The column labeled **Tests** gives the number of test cases that use the given assertion. The column labeled **Anomaly** gives the section number in this report where the anomaly is discussed.

**Table 3 Assertions Tested**

| Assertions Tested   | Tests | Anomaly |
|---|-------|---------|
| <b>A_IM-01</b> If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).                  | 9     |         |
| <b>A_IM-02</b> If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported.  | 1     |         |
| <b>A_IM-03</b> If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.   | 1     |         |
| <b>A_IM-04</b> If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview pane or generated report. | 7     |         |
| <b>A_IM-05</b> If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.  | 1     | 3.1     |
| <b>A_IM-06</b> If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.   | 1     |         |
| <b>A_IM-07</b> If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.  | 1     |         |
| <b>A_IM-08</b> If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.                           | 1     |         |
| <b>A_IM-09</b> If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.            | 1     |         |
| <b>A_IM-10</b> If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.                   | 1     |         |
| <b>A_IM-11</b> If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with   | 1     |         |

|   |   |     |
|---|---|-----|
| address book entries shall be presented in a human-readable format without modification.  |   |     |
| <b>A_IM-12</b> If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.                 | 1 |     |
| <b>A_IM-13</b> If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.                              | 1 |     |
| <b>A_IM-14</b> If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human-readable format without modification.                     | 1 | 3.2 |
| <b>A_IM-15</b> If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.                                       | 1 |     |
| <b>A_IM-16</b> If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.                             | 1 |     |
| <b>A_IM-17</b> If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.   | 1 |     |
| <b>A_IM-18</b> If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.  | 1 |     |
| <b>A_IM-19</b> If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.   | 1 |     |
| <b>A_IM-20</b> If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification. | 1 |     |
| <b>A_IM-21</b> If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification. | 1 |     |
| <b>A_IM-22</b> If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification. | 1 |     |
| <b>A_SIM-23</b> If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).             | 9 |     |
| <b>A_SIM-24</b> If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall have the ability to identify that the   | 1 |     |

|  |   |  |
|--|---|--|
| SIM is not supported.  |   |  |
| <b>A_SIM-25</b> If a cellular forensic tool encounters disengagement between the SIM reader and application then the application shall notify the user that connectivity has been disrupted.   | 1 |  |
| <b>A_SIM-26</b> If the SIM is password protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.  | 1 |  |
| <b>A_SIM-27</b> If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview pane or generated report. | 6 |  |
| <b>A_SIM-28</b> If a cellular forensic tool successfully completes acquisition of the target SIM then the SPN shall be presented in a human-readable format without modification.  | 1 |  |
| <b>A_SIM-29</b> If a cellular forensic tool successfully completes acquisition of the target SIM then the ICCID shall be presented in a human-readable format without modification.  | 1 |  |
| <b>A_SIM-30</b> If a cellular forensic tool successfully completes acquisition of the target SIM then the IMSI shall be presented in a human-readable format without modification.   | 1 |  |
| <b>A_SIM-31</b> If a cellular forensic tool successfully completes acquisition of the target SIM then the MSISDN shall be presented in a human-readable format without modification.   | 1 |  |
| <b>A_SIM-32</b> If a cellular forensic tool successfully completes acquisition of the target SIM then all Abbreviated Dialing Numbers (ADN) shall be presented in a human-readable format without modification.                        | 1 |  |
| <b>A_SIM-33</b> If a cellular forensic tool successfully completes acquisition of the target SIM then all Last Numbers Dialed (LND) shall be presented in a human-readable format without modification.                                | 1 |  |
| <b>A_SIM-34</b> If a cellular forensic tool successfully completes acquisition of the target SIM then all SMS text messages shall be presented in a human-readable format without modification.  | 1 |  |
| <b>A_SIM-35</b> If a cellular forensic tool successfully completes acquisition of the target SIM then all EMS text messages shall be presented in a human-readable format without modification.  | 1 |  |
| <b>A_SIM-36</b> If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., LOCI) shall be presented in a human-readable format without modification.                       | 1 |  |
| <b>A_SIM-37</b> If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., GRPSLOCI) shall be presented in a human-readable format without modification.                   | 1 |  |
| <b>A_IMO-38</b> If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.                         | 8 |  |
| <b>A_IMO-39</b> If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without  | 8 |  |



|   |   |  |
|---|---|--|
| modification in a preview-pane view.  |   |  |
| <b>A_IMO-40</b> If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.   | 1 |  |
| <b>A_IMO-41</b> If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.   | 1 |  |
| <b>A_IMO-51</b> If the cellular forensic tool supports SIM access card creation then the card creation shall be completed without errors via manufacturer suggested protocols. Access cards characteristics should be consistent with vendor documentation. | 1 |  |
| <b>A_IMO-52</b> If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.   | 1 |  |
| <b>A_IMO-53</b> If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.       | 1 |  |
| <b>A_IMO-54</b> If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.              | 1 |  |
| <b>A_IMO-56</b> If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.   | 1 |  |
| <b>A_SIMO-58</b> If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.       | 6 |  |
| <b>A_SIMO-59</b> If a cellular forensic tool successfully completes acquisition of the SIM then the tool shall present the acquired data in a human-readable format without modification in a preview-pane view.  | 6 |  |
| <b>A_SIMO-60</b> If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.  | 1 |  |
| <b>A_SIMO-61</b> If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.  | 1 |  |
| <b>A_SIMO-62</b> If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted SMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification.        | 1 |  |
| <b>A_SIMO-63</b> If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted EMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification.        | 1 |  |

|  |   |  |
|--|---|--|
| <b>A_SIMO-64</b> If a cellular forensic tool supports creation of log files then the application should present the log files in a human-readable format outlining the acquisition process.  | 1 |  |
| <b>A_SIMO-65</b> If the cellular forensic tool supports proper display of foreign language character sets then the application should present abbreviated dialing numbers (ADNs) containing foreign language characters in their native format without modification. | 1 |  |
| <b>A_SIMO-66</b> If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.                      | 1 |  |
| <b>A_SIMO-67</b> If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.   | 1 |  |
| <b>A_SIMO-68</b> If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.  | 1 |  |

Table 4 lists the assertions that were not tested, usually due to the tool not supporting an optional feature.

**Table 4 Assertions Not Tested**

| <b>Assertions not Tested</b>  |
|---|
| <b>A_IMO-42</b> If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.   |
| <b>A_IMO-43</b> If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted data or address book data remnants in a human-readable format.          |
| <b>A_IMO-44</b> If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note data remnants in a human-readable format. |
| <b>A_IMO-45</b> If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call or call log data remnants in a human-readable format.                         |
| <b>A_IMO-46</b> If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.           |
| <b>A_IMO-47</b> If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.           |
| <b>A_IMO-48</b> If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.               |

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| <b>A_IMO-49</b> If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format. |
| <b>A_IMO-50</b> If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.       |
| <b>A_IMO-55</b> If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.   |
| <b>A_IMO-57</b> If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.   |
| <b>A_SIMO-69</b> If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.   |
| <b>A_SIMO-70</b> If the cellular forensic tool supports hashing for the overall case file then the tool shall present the user with one hash value representative of the entire case data.   |

### **3.1 Acquisition of MSISDN**

.XRY does not report the MSISDN from the mobile device internal memory for the Nokia 6101 (Test Case: CFT-IM-05). However, the MSISDN is acquired and reported when acquiring the internal memory of the Motorola RAZR V3.

NOTE: XRY acquires the MSISDN by sending the AT+CNUM command to the device and echoes the response. Not all devices support this command. This number is a text field on the SIM. The number is not used to identify the user by the network, therefore can be any type of number. The MSISDN can be manipulated and report misleading information.

### **3.2 Acquisition of PIM Data**

.XRY has the ability to acquire Personal Information Management (PIM) data e.g., Calendar, Notes, To-Do list, etc. The tool reports up to 184 characters for Notes (Test Case: CFT-IM-06). Dependent upon the mobile device's design and capabilities determines the amount of characters a created Note is capable of storing. The Nokia 6101 has the ability to create a Note containing 3000 characters. Therefore, the mobile device internal memory acquisition truncated a significant amount of PIM data present on the device.

## 4 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the test computers available for testing.

### 4.1 Test Computers

One test computers was used.

**Morrisy** has the following configuration:

Intel® D975XBX2 Motherboard  
BIOS Version BX97520J.86A.2674.2007.0315.1546  
Intel® Core™2 Duo CPU 6700 @ 2.66Ghz  
3.25 GB RAM  
1.44 MB floppy drive  
LITE-ON CD H LH52N1P  
LITE-ON DVDRW LH-20A1P  
2 slots for removable SATA hard disk drive  
8 USB 2.0 slots  
2 IEEE 1394 ports  
3 IEEE 1394 ports (mini)

## 5 Test Results

The main item of interest for interpreting the test results is determining the conformance of the device with the test assertions. Conformance with each assertion tested by a given test case is evaluated by examining **Log File Highlights** box of the test report summary.

### 5.1 Test Results Report Key

A summary of the actual test results is presented in this report. The following table presents a description of each section of the test report summary.

**Table 5 Test Results Report Key**

| <b>Heading</b>  | <b>Description</b>  |
|-----------------|---|
| First Line:     | Test case ID, name, and version of tool tested.   |
| Case Summary:   | Test case summary from <i>GSM Mobile Device and Associated Media Tool Specification and Test Plan Version 1.1</i> .   |
| Assertions:     | The test assertions applicable to the test case, selected from <i>GSM Mobile Device and Associated Media Tool Specification and Test Plan Version 1.1</i> . |
| Tester Name:    | Name or initials of person executing test procedure.  |
| Test Host:      | Host computer executing the test.   |
| Test Date:      | Time and date that test was started.  |
| Device:         | Source mobile device, media (i.e., SIM).  |
| Source Setup:   | Outline of data object types populated on the device or associated media (i.e., SIM).   |
| Log Highlights: | Information extracted from various log files to illustrate conformance or nonconformance to the test assertions.  |
| Results         | Expected and actual results for each assertion tested.  |
| Analysis        | Whether or not the expected results were achieved.  |

## 5.2 Test Details

### 5.2.1 CFT-IM-01 (Nokia 6101)

| Test Case CFT-IM-01 Micro Systemation .XRY Version 3.6 |  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|--------------|---------------|----------------------|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|----------------|--|----------------|--|---------------|--|-------------------|-----------|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 2 09:05:31 EDT 2008  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Nokia_6101   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | OS: WIN XP<br>Interface: cable   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
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|  | Special Character  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
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|  | Deleted Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   | Maximum Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  | Missed   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  | Incoming SMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   | Incoming Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 | Audio  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-01 Micro Systemation .XRY Version 3.6 |   |                             |               |   |             |
|--|---|-----------------------------|---------------|---|-------------|
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 2 09:05:31 EDT 2008<br/> Acquisition finished: Wed Apr 2 09:25:40 EDT 2008</p> <p>Device connectivity was established via supported interface (i.e., cable, IrDA)</p> <p><b>Notes:</b><br/> IrDA acquisition reported: General Phone Information, Contacts, Calls, and Calendar entries all which were consistent with cable acquires.<br/> Bluetooth acquisition not supported.</p> |                             |               |   |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected |
| Assertion & Expected Result                            | Actual Result   |                             |               |   |             |
| A_IM-01 Device connectivity via supported interfaces.  | as expected   |                             |               |   |             |
| Analysis:  | Expected results achieved   |                             |               |   |             |

## 5.2.2 CFT-IM-02 (Nokia 6101)

| Test Case CFT-IM-02 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall have the ability to identify that the device is not supported.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 2 10:00:15 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Non-supported mobile device   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log  | Created By .XRY Version 3.6   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |



| Test Case CFT-IM-02 Micro Systemation .XRY Version 3.6 |  |                             |               |  |             |
|--|--|-----------------------------|---------------|--|-------------|
| Highlights:  | Acquisition started: Wed Apr 2 10:00:15 EDT 2008<br>Acquisition finished: Wed Apr 2 10:01:00 EDT 2008<br><br>Identification of non-supported devices was successful  |                             |               |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IM-02 Identification of non-supported devices. | as expected |
| Assertion & Expected Result                            | Actual Result  |                             |               |  |             |
| A_IM-02 Identification of non-supported devices.       | as expected  |                             |               |  |             |
| Analysis:  | Expected results achieved  |                             |               |  |             |

### 5.2.3 CFT-IM-03 (Nokia 6101)

| Test Case CFT-IM-03 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).<br>A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 2 10:03:48 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-03 Micro Systemation .XRY Version 3.6 |  |                             |               |   |             |  |             |
|--|--|-----------------------------|---------------|---|-------------|--|-------------|
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 2 10:03:48 EDT 2008<br/> Acquisition finished: Wed Apr 2 10:14:15 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Device acquisition disruption notification was successful</p> <p><b>Notes:</b><br/> If cable is pulled from the device interface or the device is powered off the acquisition progress bar pauses until the device cable is reconnected or the phone is powered on.</p> <p>When the cable is pulled from the XRY hub the examiner is notified immediately.</p> |                             |               |   |             |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-03 Notification of device acquisition disruption. | as expected |
| Assertion & Expected Result                            | Actual Result  |                             |               |   |             |  |             |
| A_IM-01 Device connectivity via supported interfaces.  | as expected  |                             |               |   |             |  |             |
| A_IM-03 Notification of device acquisition disruption. | as expected  |                             |               |   |             |  |             |
| Analysis:  | Expected results achieved  |                             |               |   |             |  |             |

## 5.2.4 CFT-IM-04 (Nokia 6101)

| Test Case CFT-IM-04 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).<br>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 2 10:33:54 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-04 Micro Systemation .XRY Version 3.6                       |   |                             |               |   |             |  |             |
|--|---|-----------------------------|---------------|---|-------------|--|-------------|
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 2 10:33:54 EDT 2008<br/> Acquisition finished: Wed Apr 2 10:49:26 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful</p>  |                             |               |   |             |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected |
| Assertion & Expected Result  | Actual Result   |                             |               |   |             |  |             |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |               |   |             |  |             |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |               |   |             |  |             |
| Analysis:  | Expected results achieved   |                             |               |   |             |  |             |

## 5.2.5 CFT-IM-05 (Nokia 6101)

| Test Case CFT-IM-05 Micro Systemation .XRY Version 3.6 |  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|--|--|--------------|---------------|----------------------|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|----------------|--|----------------|--|---------------|--|-------------------|-----------|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|------------------------|
| Case Summary:  | CFT-IM-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., IMEI, MSISDN).   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.</p> <p>A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.</p>  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Tester Name:   | rpa  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Test Host:   | Morrisy  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Test Date:   | Wed Apr 2 10:54:25 EDT 2008  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Device:  | Nokia_6101   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB <table border="1" data-bbox="406 856 1369 1894"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td></td> <td>Stand-alone data files</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video |  | Stand-alone data files |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Address Book Entries                                   | Maximum Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Regular Length, email, picture   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Special Character  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Blank Name   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Deleted Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Foreign Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| PIM Data   | Maximum Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Regular Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Deleted Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Special Character  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Call Logs  | Missed   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Missed - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Text Messages  | Incoming SMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming SMS - Unread  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming SMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing SMS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing SMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming EMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming EMS - Unread  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming Foreign EMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming EMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing EMS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing EMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| MMS Messages   | Incoming Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Stand-alone data files   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |

| Test Case CFT-IM-05 Micro Systemation .XRY Version 3.6                       |   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|--|---|-----------------------------|---------------|---|-----------------|--|-------------|--------------------------------|-----------------|------------------------------|-------------|--|-----------------|
|  | <table border="1"> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>   |                             | Audio         |   | Audio - Deleted |  | Image       |                                | Image - Deleted |                              | Video       |  | Video - Deleted |
|  | Audio   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Audio - Deleted   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Image   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Image - Deleted   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Video   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Video - Deleted   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 2 10:54:25 EDT 2008<br/> Acquisition finished: Wed Apr 2 11:12:19 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> MSISDN was not acquired</p>   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-05 Acquisition of MSISDN.</td> <td>Not as expected</td> </tr> <tr> <td>A_IM-06 Acquisition of IMEI.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected     | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected | A_IM-05 Acquisition of MSISDN. | Not as expected | A_IM-06 Acquisition of IMEI. | as expected |  |                 |
| Assertion & Expected Result  | Actual Result   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-05 Acquisition of MSISDN.   | Not as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-06 Acquisition of IMEI.   | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| Analysis:  | Partial results achieved  |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |

## 5.2.6 CFT-IM-06 (Nokia 6101)

| Test Case CFT-IM-06 Micro Systemation .XRY Version 3.6 |  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|--|--|----------------|---------------|----------------------|----------------|--------------------------------|-------------------|------------|---|---------------|---------------|----------|----------------|----------------|---------------|-------------------|-----------|--------|------------------|----------|--------------------|----------|--------------------|---------------|--|
| Case Summary:  | CFT-IM-06 Acquire mobile device internal memory and review reported PIM related data.  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.</p> <p>A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.</p> <p>A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.</p> <p>A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.</p> |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Tester Name:   | rpa  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Test Host:   | Morrisy  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Test Date:   | Thu Apr 3 08:35:59 EDT 2008  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Device:  | Nokia_6101   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Source Setup:  | OS: WIN XP<br>Interface: cable<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length, email, picture</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td>Blank Name</td> </tr> <tr> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Foreign Entry</td> </tr> <tr> <td rowspan="4">PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td rowspan="6">Call Logs</td> <td>Missed</td> </tr> <tr> <td>Missed - Deleted</td> </tr> <tr> <td>Incoming</td> </tr> <tr> <td>Incoming - Deleted</td> </tr> <tr> <td>Outgoing</td> </tr> <tr> <td>Outgoing - Deleted</td> </tr> <tr> <td rowspan="2">Text Messages</td> <td></td> </tr> </tbody> </table>   | DATA OBJECTS   | DATA ELEMENTS | Address Book Entries | Maximum Length | Regular Length, email, picture | Special Character | Blank Name | Regular Length, Deleted email - deleted picture | Deleted Entry | Foreign Entry | PIM Data | Maximum Length | Regular Length | Deleted Entry | Special Character | Call Logs | Missed | Missed - Deleted | Incoming | Incoming - Deleted | Outgoing | Outgoing - Deleted | Text Messages |  |
| DATA OBJECTS   | DATA ELEMENTS  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Address Book Entries                                   | Maximum Length   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Regular Length, email, picture   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Special Character  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Blank Name   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Regular Length, Deleted email - deleted picture  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Deleted Entry  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Foreign Entry  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | PIM Data   | Maximum Length |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  |  | Regular Length |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  |  | Deleted Entry  |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Special Character                                      |  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Call Logs  | Missed   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Missed - Deleted   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Incoming   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Incoming - Deleted   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Outgoing   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Outgoing - Deleted   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Text Messages  |  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |



**Test Case CFT-IM-06 Micro Systemation .XRY Version 3.6**

|                        |                             |
|------------------------|-----------------------------|
|                        | Incoming SMS - Read         |
|                        | Incoming SMS - Unread       |
|                        | Incoming SMS - Deleted      |
|                        | Outgoing SMS                |
|                        | Outgoing SMS - Deleted      |
|                        | Incoming EMS - Read         |
|                        | Incoming EMS - Unread       |
|                        | Incoming Foreign EMS - Read |
|                        | Incoming EMS - Deleted      |
|                        | Outgoing EMS                |
|                        | Outgoing EMS - Deleted      |
| MMS Messages           |                             |
|                        | Incoming Audio              |
|                        | Incoming Image              |
|                        | Incoming Video              |
|                        | Outgoing Audio              |
|                        | Outgoing Image              |
|                        | Outgoing Video              |
| Stand-alone data files |                             |
|                        | Audio                       |
|                        | Audio - Deleted             |
|                        | Image                       |
|                        | Image - Deleted             |
|                        | Video                       |
|                        | Video - Deleted             |

**Log Highlights:**  
 Created By .XRY Version 3.6  
 Acquisition started: Thu Apr 3 08:35:59 EDT 2008  
 Acquisition finished: Thu Apr 3 08:52:44 EDT 2008

Device connectivity was established via supported interface  
 Readability and completeness of acquired data was successful  
 All address book entries were successfully acquired  
 Basic PIM related data was acquired  
 Partial Maximum length PIM related data was acquired

**Notes:**  
 Address book entries containing pictures were not linked directly to the corresponding name.  
 Maximum Length Notes were truncated allowing a maximum of 184 characters.

**Results:**

| Assertion & Expected Result  | Actual Result   |
|--|-----------------|
| A_IM-01 Device connectivity via supported interfaces.                        | as expected     |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected     |
| A_IM-07 Acquisition of address book entries.                                 | as expected     |
| A_IM-08 Acquisition of maximum length address book entries.                  | as expected     |
| A_IM-09 Acquisition of address book entries containing special characters.   | as expected     |
| A_IM-10 Acquisition of address book entries containing a blank name entry.   | as expected     |
| A_IM-11 Acquisition of embedded email addresses within address book entries. | as expected     |
| A_IM-12 Acquisition of embedded graphics within address book entries.        | as expected     |
| A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).            | as expected     |
| A_IM-14 Acquisition of maximum length PIM data.                              | Not as expected |

|  |                          |
|--|--------------------------|
| Test Case CFT-IM-06 Micro Systemation .XRY Version 3.6 |                          |
| Analysis:  | Partial results achieved |

## 5.2.7 CFT-IM-07 (Nokia 6101)

| Test Case CFT-IM-07 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|
| Case Summary:  | CFT-IM-07 Acquire mobile device internal memory and review reported call logs.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Date:   | Thu Apr 3 09:35:35 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Device:  | Nokia_6101  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Stand-alone data files                                 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |

| Test Case CFT-IM-07 Micro Systemation .XRY Version 3.6                       |  |                             |                 |   |             |  |                 |                                   |             |
|--|--|-----------------------------|-----------------|---|-------------|--|-----------------|-----------------------------------|-------------|
|  | <table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>  |                             | Image - Deleted |   | Video       |  | Video - Deleted |                                   |             |
|  | Image - Deleted  |                             |                 |   |             |  |                 |                                   |             |
|  | Video  |                             |                 |   |             |  |                 |                                   |             |
|  | Video - Deleted  |                             |                 |   |             |  |                 |                                   |             |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Thu Apr 3 09:35:35 EDT 2008<br/> Acquisition finished: Thu Apr 3 09:57:33 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> All Call Logs (incoming, outgoing) were acquired</p>   |                             |                 |   |             |  |                 |                                   |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-15 Acquisition of call logs.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result   | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected     | A_IM-15 Acquisition of call logs. | as expected |
| Assertion & Expected Result  | Actual Result  |                             |                 |   |             |  |                 |                                   |             |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected  |                             |                 |   |             |  |                 |                                   |             |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected  |                             |                 |   |             |  |                 |                                   |             |
| A_IM-15 Acquisition of call logs.  | as expected  |                             |                 |   |             |  |                 |                                   |             |
| Analysis:  | Expected results achieved  |                             |                 |   |             |  |                 |                                   |             |

## 5.2.8 CFT-IM-08 (Nokia 6101)

| Test Case CFT-IM-08 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|
| Case Summary:  | CFT-IM-08 Acquire mobile device internal memory and review reported text messages.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Date:   | Thu Apr 3 09:05:39 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Device:  | Nokia_6101  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Stand-alone data files                                 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |

| Test Case CFT-IM-08 Micro Systemation .XRY Version 3.6                       |  |                             |                 |   |             |  |                 |                                       |             |
|--|--|-----------------------------|-----------------|---|-------------|--|-----------------|---------------------------------------|-------------|
|  | <table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>  |                             | Image - Deleted |   | Video       |  | Video - Deleted |                                       |             |
|  | Image - Deleted  |                             |                 |   |             |  |                 |                                       |             |
|  | Video  |                             |                 |   |             |  |                 |                                       |             |
|  | Video - Deleted  |                             |                 |   |             |  |                 |                                       |             |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Thu Apr 3 09:05:39 EDT 2008<br/> Acquisition finished: Thu Apr 3 09:34:44 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> ALL text messages (SMS, EMS) were acquired</p>   |                             |                 |   |             |  |                 |                                       |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-16 Acquisition of text messages.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result   | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected     | A_IM-16 Acquisition of text messages. | as expected |
| Assertion & Expected Result  | Actual Result  |                             |                 |   |             |  |                 |                                       |             |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected  |                             |                 |   |             |  |                 |                                       |             |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected  |                             |                 |   |             |  |                 |                                       |             |
| A_IM-16 Acquisition of text messages.  | as expected  |                             |                 |   |             |  |                 |                                       |             |
| Analysis:  | Expected results achieved  |                             |                 |   |             |  |                 |                                       |             |

## 5.2.9 CFT-IM-09 (Nokia 6101)

| Test Case CFT-IM-09 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|
| Case Summary:  | CFT-IM-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.</p> <p>A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.</p> <p>A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Test Date:   | Thu Apr 3 10:15:44 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Device:  | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |
|  | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |

| Test Case CFT-IM-09 Micro Systemation .XRY Version 3.6                       |   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|--|---|-----------------------------|----------------|---|----------------|--|-------------|--|-------------|--|-----------------|--|-------------|--|-----------------|--|-------|--|-----------------|
|  | <table border="1"> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>   |                             | Outgoing Image |   | Outgoing Video | Stand-alone data files   |             |  | Audio       |  | Audio - Deleted |  | Image       |  | Image - Deleted |  | Video |  | Video - Deleted |
|  | Outgoing Image  |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Outgoing Video  |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| Stand-alone data files   |   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Audio   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Audio - Deleted   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Image   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Image - Deleted   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Video   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
|  | Video - Deleted   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Thu Apr 3 10:15:44 EDT 2008<br/> Acquisition finished: Thu Apr 3 10:39:34 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> ALL MMS messages (Audio, Image, Video) were acquired</p> <p><b>Notes:</b><br/> QuickTime Version 7.4.1 was used to execute MMS attachments.</p>   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-17 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_IM-18 Acquisition of image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_IM-19 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result  | A_IM-01 Device connectivity via supported interfaces. | as expected    | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected | A_IM-17 Acquisition of audio MMS messages. | as expected | A_IM-18 Acquisition of image MMS messages. | as expected     | A_IM-19 Acquisition of video MMS messages. | as expected |  |                 |  |       |  |                 |
| Assertion & Expected Result  | Actual Result   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| A_IM-17 Acquisition of audio MMS messages.                                   | as expected   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| A_IM-18 Acquisition of image MMS messages.                                   | as expected   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| A_IM-19 Acquisition of video MMS messages.                                   | as expected   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |
| Analysis:  | Expected results achieved   |                             |                |   |                |  |             |  |             |  |                 |  |             |  |                 |  |       |  |                 |



## 5.2.10 CFT-IM-10 (Nokia 6101)

| Test Case CFT-IM-10 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|
| Case Summary:  | CFT-IM-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Test Date:   | Thu Apr 3 11:56:48 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Device:  | Nokia_6101  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
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|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
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| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |

| Test Case CFT-IM-10 Micro Systemation .XRY Version 3.6                       |  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|-----------------------------|----------------|---|----------------|--|----------------|---|----------------|---|----------------|---|-------------|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
|  | <table border="1"> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>  |                             | Incoming Image |   | Incoming Video |  | Outgoing Audio |   | Outgoing Image |   | Outgoing Video | Stand-alone data files                          |             |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
|  | Incoming Image   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files   |  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Thu Apr 3 11:56:48 EDT 2008<br/> Acquisition finished: Thu Apr 3 12:09:33 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> ALL stand-alone data files (Audio, Image, Video) were acquired</p> <p><b>Notes:</b><br/> QuickTime Version 7.4.1 was used to execute stand-alone files.</p>  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-20 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>A_IM-21 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>A_IM-22 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result  | A_IM-01 Device connectivity via supported interfaces. | as expected    | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected    | A_IM-20 Acquisition of stand-alone audio files. | as expected    | A_IM-21 Acquisition of stand-alone graphic files. | as expected    | A_IM-22 Acquisition of stand-alone video files. | as expected |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertion & Expected Result  | Actual Result  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-20 Acquisition of stand-alone audio files.                              | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-21 Acquisition of stand-alone graphic files.                            | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-22 Acquisition of stand-alone video files.                              | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Analysis:  | Expected results achieved  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |

## 5.2.11 CFT-IMO-01 (Nokia 6101)

| Test Case CFT-IMO-01 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-01 Acquire mobile device internal memory and review reported data via supported generated report formats.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 08:40:04 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log   | Created By .XRY Version 3.6  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| <b>Test Case CFT-IMO-01 Micro Systemation .XRY Version 3.6</b>           |  |                             |               |  |             |
|--|--|-----------------------------|---------------|--|-------------|
| Highlights:  | Acquisition started: Fri Apr 11 08:40:04 EDT 2008<br>Acquisition finished: Fri Apr 11 09:06:33 EDT 2008<br><br>Complete representation of known data via generated reports was successful  |                             |               |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-38 Comparison of known device data elements via generated reports. | as expected |
| Assertion & Expected Result  | Actual Result  |                             |               |  |             |
| A_IMO-38 Comparison of known device data elements via generated reports. | as expected  |                             |               |  |             |
| Analysis:  | Expected results achieved  |                             |               |  |             |

## 5.2.12 CFT-IMO-02 (Nokia 6101)

| Test Case CFT-IMO-02 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-02 Acquire mobile device internal memory and review reported data via the preview-pane.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 09:12:33 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Nokia_6101  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log   | Created By .XRY Version 3.6   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-02 Micro Systemation .XRY Version 3.6             |   |                             |               |   |             |
|---|---|-----------------------------|---------------|---|-------------|
| Highlights:   | Acquisition started: Fri Apr 11 09:12:33 EDT 2008<br>Acquisition finished: Fri Apr 11 09:25:20 EDT 2008<br><br>Complete representation of known data via preview-pane was successful  |                             |               |   |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected |
| Assertion & Expected Result   | Actual Result   |                             |               |   |             |
| A_IMO-39 Comparison of known device data elements via preview-pane. | as expected   |                             |               |   |             |
| Analysis:   | Expected results achieved   |                             |               |   |             |

### 5.2.13 CFT-IMO-03 (Nokia 6101)

| Test Case CFT-IMO-03 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|---|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|
| Case Summary:   | CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Assertions:   | <p>A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-40 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Tester Name:  | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Test Host:  | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Test Date:  | Fri Apr 11 09:26:40 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Device:   | Nokia_6101  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Address Book Entries                                    |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| PIM Data  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Call Logs   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Text Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| MMS Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Stand-alone data files                                  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |

| Test Case CFT-IMO-03 Micro Systemation .XRY Version 3.6                           |  |                             |               |  |             |   |             |   |             |
|---|--|-----------------------------|---------------|--|-------------|---|-------------|---|-------------|
|   | Video - Deleted  |                             |               |  |             |   |             |   |             |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/> Acquisition started: Fri Apr 11 09:26:40 EDT 2008<br/> Acquisition finished: Fri Apr 11 09:40:51 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/> Complete representation of known data via preview-pane was successful<br/> Consistency between generated reports and preview-pane was successful</p>  |                             |               |  |             |   |             |   |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-40 Compare generated reports and preview-pane views for device acquisition.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-38 Comparison of known device data elements via generated reports. | as expected | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected | A_IMO-40 Compare generated reports and preview-pane views for device acquisition. | as expected |
| Assertion & Expected Result   | Actual Result  |                             |               |  |             |   |             |   |             |
| A_IMO-38 Comparison of known device data elements via generated reports.          | as expected  |                             |               |  |             |   |             |   |             |
| A_IMO-39 Comparison of known device data elements via preview-pane.               | as expected  |                             |               |  |             |   |             |   |             |
| A_IMO-40 Compare generated reports and preview-pane views for device acquisition. | as expected  |                             |               |  |             |   |             |   |             |
| Analysis:   | Expected results achieved  |                             |               |  |             |   |             |   |             |



## 5.2.14 CFT-IMO-04 (Nokia 6101)

| Test Case CFT-IMO-04 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-04 After a successful mobile device internal memory acquisition, alter the case file via third party means and attempt to re-open the case.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-41 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 09:42:14 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | OS: WIN XP<br>Interface: cable<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log   | Created By .XRY Version 3.6  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-04 Micro Systemation .XRY Version 3.6 |   |                             |               |   |             |
|---|---|-----------------------------|---------------|---|-------------|
| Highlights:   | <p>Acquisition started: Fri Apr 11 09:42:14 EDT 2008<br/> Acquisition finished: Fri Apr 11 10:05:25 EDT 2008</p> <p>Notification of modified case data was successful</p> <p><b>Notes:</b><br/> Case File Encryption has to be selected before acquisition.</p> |                             |               |   |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-41 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>                           | Assertion & Expected Result | Actual Result | A_IMO-41 Notification of modified device case data. | as expected |
| Assertion & Expected Result                             | Actual Result   |                             |               |   |             |
| A_IMO-41 Notification of modified device case data.     | as expected   |                             |               |   |             |
| Analysis:   | Expected results achieved   |                             |               |   |             |

## 5.2.15 CFT-IMO-07 (Nokia 6101)

| Test Case CFT-IMO-07 Micro Systemation .XRY Version 3.6 |   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|---|--------------|---------------|----------------------|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|----------------|--|----------------|--|---------------|--|-------------------|-----------|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-07 Create a SIM access card via vendor documentation.   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-51 If the cellular forensic tool supports SIM access card creation then the card creation shall be completed without errors via manufacturer suggested protocols. Access cards characteristics should be consistent with vendor documentation.  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 11:00:15 EDT 2008  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | TMOBILE_SIM   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    | Maximum Length  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  | Maximum Length  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   | Missed  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   | Incoming SMS - Read   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  | Incoming Audio  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  | Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-07 Micro Systemation .XRY Version 3.6 |  |                             |               |                                |             |
|---|--|-----------------------------|---------------|--------------------------------|-------------|
| Log<br>Highlights:                                      | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 11 11:00:15 EDT 2008<br>Acquisition finished: Fri Apr 11 11:02:23 EDT 2008<br><br>Access card creation was successful                                |                             |               |                                |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-51 Access card creation.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-51 Access card creation. | as expected |
| Assertion & Expected Result                             | Actual Result  |                             |               |                                |             |
| A_IMO-51 Access card creation.                          | as expected  |                             |               |                                |             |
| Analysis:   | Expected results achieved  |                             |               |                                |             |

## 5.2.16 CFT-IMO-08 (Nokia 6101)

| Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-08 Acquire mobile device internal memory and review generated log files.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-52 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 11:04:15 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6 |  |   |
|---|--|---|
| Log   | Created By .XRY Version 3.6                                      |   |
| Highlights:   | Acquisition started: Fri Apr 11 11:04:15 EDT 2008                |   |
|   | Acquisition finished: Fri Apr 11 11:25:12 EDT 2008               |   |
|   | Creation of complete and human-readable log files was successful |   |
|   | <b>Notes:</b>  |   |
|   | XRY Log  |   |
|   | Module   | Status Message  |
|   | -----  | -----   |
|   | MAIN   | Success Initiating Process  |
|   | MAIN   | Success .XRY Version 3.6  |
|   | MAIN   | Success Connected to SoftGSM NG USB Modem #5 [COM9]               |
|   | MAIN   | Success Device Name: Nokia 6101                                   |
|   | MAIN   | Success CGMI Resp = [Nokia]                                       |
|   | MAIN   | Success CGMM Resp = [Nokia 6101]                                  |
|   | MAIN   | Success CGMR Resp = [V 03.3508-06-05RM-76(c) Nokia. ]             |
|   | MAIN   | Success I3 Resp = [Nokia 6101]                                    |
|   | MAIN   | Success Starting process of GSM0707 (3.1)                         |
|   | GSM0707  | Success Connecting  |
|   | GSM0707  | Success Analyzing General Information                             |
|   | GSM0707  | Success Reading General Information                               |
|   | GSM0707  | Success Disconnecting   |
|   | MAIN   | Success GSM0707 (3.1) completed successfully                      |
|   | MAIN   | Success Starting process of FBUS (3.1)                            |
|   | FBUS   | Success Connecting  |
|   | FBUS   | Success Analyzing   |
|   | FBUS   | Success Reading General Information                               |
|   | FBUS   | Success Analyzing Contacts ME                                     |
|   | FBUS   | Success Reading Contacts  |
|   | FBUS   | Success Analyzing Contacts SM                                     |
|   | FBUS   | Success Reading Contacts  |
|   | FBUS   | Success Analyzing Calls   |
|   | FBUS   | Success Reading Calls   |
|   | FBUS   | Success Reading Calls   |
|   | FBUS   | Success Reading Calls   |
|   | FBUS   | Success Analyzing Calendar  |
|   | FBUS   | Success Reading Calendar  |
|   | FBUS   | Success Analyzing SMS   |
|   | FBUS   | Success Reading SMS   |
|   | FBUS   | Success Reading Inbox   |
|   | FBUS   | Success Reading Sent items  |
|   | FBUS   | Success Reading Saved text msgs.                                  |
|   | FBUS   | Success Reading Templates   |
|   | FBUS   | Success Reading Outbox  |
|   | FBUS   | Success Reading Outbox  |
|   | FBUS   | Success Analyzing Tasks   |
|   | FBUS   | Success Analyzing Notes   |
|   | FBUS   | Success Reading Notes   |
|   | FBUS   | Success Analyzing Files   |
|   | FBUS   | Success Analyzing predefgallery                                   |
|   | FBUS   | Success Analyzing predefgallery/predeftones                       |
|   | FBUS   | Success Analyzing predefgallery/predeftones/predefringtones       |
|   | FBUS   | Success Analyzing predefgallery/predeftones/predefalerrtones      |
|   | FBUS   | Success Analyzing predefgallery/predefgraphics                    |
|   | FBUS   | Success Analyzing predefgallery/predefgraphics/predefwallpapers   |
|   | FBUS   | Success Analyzing predefgallery/predefgraphics/predefscreensavers |
|   | FBUS   | Success Analyzing predefgallery/predefgraphics/predefcliparts     |
|   | FBUS   | Success Analyzing predefgallery/predefgraphics/predefframes       |
|   | FBUS   | Success Analyzing predefgallery/predefgraphics/predefpresencelogo |
|   | FBUS   | Success Analyzing predefgallery/predefthemes                      |
|   | FBUS   | Success Analyzing predefgallery/predefthemeactive                 |
|   | FBUS   | Success Analyzing predefgallery/predefthemeactive/themes_setup1   |
|   | FBUS   | Success Analyzing predefgallery/predefphotos                      |
|   | FBUS   | Success Analyzing predefgallery/predefvideos                      |

Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6

|      |         |   |
|------|---------|---|
| FBUS | Success | Analyzing predefgallery/predefrecordings              |
| FBUS | Success | Analyzing predefgallery/predefreceived                |
| FBUS | Success | Analyzing predefgallery/predefthemepreview            |
| FBUS | Success | Analyzing predefgallery/predefthemepreview/Thumbnails |
| FBUS | Success | Analyzing predefinfofolder                            |
| FBUS | Success | Analyzing predefomadm                                 |
| FBUS | Success | Analyzing predefomadm/PRECFG                          |
| FBUS | Success | Analyzing predefomadm/01                              |
| FBUS | Success | Analyzing predefomadm/01/19                           |
| FBUS | Success | Analyzing predefomadm/01/01                           |
| FBUS | Success | Analyzing predefomadm/01/02                           |
| FBUS | Success | Analyzing predefomadm/01/03                           |
| FBUS | Success | Analyzing predefomadm/01/04                           |
| FBUS | Success | Analyzing predefomadm/02                              |
| FBUS | Success | Analyzing predefomadm/02/19                           |
| FBUS | Success | Analyzing predefomadm/02/01                           |
| FBUS | Success | Analyzing predefomadm/02/02                           |
| FBUS | Success | Analyzing predefomadm/02/03                           |
| FBUS | Success | Analyzing predefomadm/02/04                           |
| FBUS | Success | Analyzing predefjava                                  |
| FBUS | Success | Analyzing predefjava/predefcollections                |
| FBUS | Success | Analyzing predefjava/predefgames                      |
| FBUS | Success | Analyzing predefhiddenfolder                          |
| FBUS | Success | Analyzing predefhiddenfolder/predefWVPreload          |
| FBUS | Success | Analyzing predefhiddenfolder/predefdrmrights          |
| FBUS | Success | Analyzing predefhiddenfolder/predefpbings             |
| FBUS | Success | Analyzing predefhiddenfolder/predefvoicemodels        |
| FBUS | Success | Analyzing predefhiddenfolder/predefvoiceprompts       |
| FBUS | Success | Analyzing predefhiddenfolder/predefwvlogos            |
| FBUS | Success | Analyzing predefhiddenfolder/predefmenus              |
| FBUS | Success | Analyzing predefmenuapps                              |
| FBUS | Success | Analyzing predefmenuapps/predefemail                  |
| FBUS | Success | Analyzing predefmenuapps/predefsms                    |
| FBUS | Success | Analyzing predefmenuapps/predefimclient               |
| FBUS | Success | Analyzing predefmessages                              |
| FBUS | Success | Analyzing predefmessages/predefinbox                  |
| FBUS | Success | Analyzing predefmessages/predefoutbox                 |
| FBUS | Success | Analyzing predefmessages/predefsent                   |
| FBUS | Success | Analyzing predefmessages/predefdrafts                 |
| FBUS | Success | Analyzing predeftemp                                  |
| FBUS | Success | Analyzing predeffiledownload                          |
| FBUS | Success | Analyzing HTTP  |
| FBUS | Success | Analyzing HTTP/opmenu                                 |
| FBUS | Success | Analyzing HTTP/cookie                                 |
| FBUS | Success | Analyzing HTTP/cache                                  |
| FBUS | Success | Analyzing predefsyncml                                |
| FBUS | Success | Analyzing predefcalendar                              |
| FBUS | Success | Analyzing serviceapplication                          |
| FBUS | Success | Reading User Content Package r                        |
| FBUS | Success | Reading FIM_perm_id                                   |
| FBUS | Success | Reading FIM_fixed_id                                  |
| FBUS | Success | Reading Acrobatics.mid                                |
| FBUS | Success | Reading Caribbean.mid                                 |
| FBUS | Success | Reading Cycle.mid                                     |
| FBUS | Success | Reading Espionage.mid                                 |
| FBUS | Success | Reading Farewell.mid                                  |
| FBUS | Success | Reading Jig.mid                                       |
| FBUS | Success | Reading Low.mid                                       |
| FBUS | Success | Reading Nokia tune.mid                                |
| FBUS | Success | Reading Nocturnal.mid                                 |
| FBUS | Success | Reading Repose.mid                                    |
| FBUS | Success | Reading River cruise.mid                              |
| FBUS | Success | Reading Swept away.mid                                |
| FBUS | Success | Reading Robotique.mp3                                 |
| FBUS | Success | Reading Playing_tricks.mp3                            |
| FBUS | Success | Reading Fete.mp3                                      |
| FBUS | Success | Reading Cackle.mp3                                    |
| FBUS | Success | Reading Graffiti.mp3                                  |
| FBUS | Success | Reading Message 1.mid                                 |
| FBUS | Success | Reading Message 2.mid                                 |

| Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6 |      |         |                                  |
|---|------|---------|----------------------------------|
|   | FBUS | Success | Reading Message 3.mid            |
|   | FBUS | Success | Reading Message 4.mid            |
|   | FBUS | Success | Reading Splash.jpg               |
|   | FBUS | Success | Reading Flower.jpg               |
|   | FBUS | Success | Reading Marbles.jpg              |
|   | FBUS | Success | Reading Mountains.jpg            |
|   | FBUS | Success | Reading Pink.jpg                 |
|   | FBUS | Success | Reading Colors.jpg               |
|   | FBUS | Success | Reading Golden Years.jpg         |
|   | FBUS | Success | Reading Goldfish.jpg             |
|   | FBUS | Success | Reading Vintage.jpg              |
|   | FBUS | Success | Reading Cells.gif                |
|   | FBUS | Success | Reading Neon.gif                 |
|   | FBUS | Success | Reading Clip-art05.gif           |
|   | FBUS | Success | Reading Clip-art06.gif           |
|   | FBUS | Success | Reading Clip-art01.gif           |
|   | FBUS | Success | Reading Clip-art02.gif           |
|   | FBUS | Success | Reading Clip-art03.gif           |
|   | FBUS | Success | Reading Clip-art04.gif           |
|   | FBUS | Success | Reading Clip-art07.gif           |
|   | FBUS | Success | Reading Clip-art08.gif           |
|   | FBUS | Success | Reading Clip-art09.gif           |
|   | FBUS | Success | Reading Clip-art10.gif           |
|   | FBUS | Success | Reading Frame01.gif              |
|   | FBUS | Success | Reading Frame02.gif              |
|   | FBUS | Success | Reading Frame03.gif              |
|   | FBUS | Success | Reading Frame04.gif              |
|   | FBUS | Success | Reading Frame05.gif              |
|   | FBUS | Success | Reading Frame06.gif              |
|   | FBUS | Success | Reading Frame07.gif              |
|   | FBUS | Success | Reading Frame08.gif              |
|   | FBUS | Success | Reading Frame09.gif              |
|   | FBUS | Success | Reading Frame10.gif              |
|   | FBUS | Success | Reading Pres_01.gif              |
|   | FBUS | Success | Reading Pres_02.gif              |
|   | FBUS | Success | Reading Pres_04.gif              |
|   | FBUS | Success | Reading Pres_03.gif              |
|   | FBUS | Success | Reading Pres_05.gif              |
|   | FBUS | Success | Reading Pres_06.gif              |
|   | FBUS | Success | Reading Pres_07.gif              |
|   | FBUS | Success | Reading Pres_08.gif              |
|   | FBUS | Success | Reading Pres_09.gif              |
|   | FBUS | Success | Reading Pres_10.gif              |
|   | FBUS | Success | Reading Window.nth               |
|   | FBUS | Success | Reading Circle.nth               |
|   | FBUS | Success | Reading Basic.nth                |
|   | FBUS | Success | Reading themes.ini               |
|   | FBUS | Success | Reading theme_descriptor.xml     |
|   | FBUS | Success | Reading Window_ss.gif            |
|   | FBUS | Success | Reading Window_wp.jpg            |
|   | FBUS | Success | Reading Window_wp_mini.jpg       |
|   | FBUS | Success | Reading Nokia_tune.mid           |
|   | FBUS | Success | Reading large_thumbnail.gif      |
|   | FBUS | Success | Reading small_thumbnail.gif      |
|   | FBUS | Success | Reading Window_bk_mini.png       |
|   | FBUS | Success | Reading Window_bk.png            |
|   | FBUS | Success | Reading Sunset.jpg               |
|   | FBUS | Success | Reading emma.jpg                 |
|   | FBUS | Success | Reading Video000.3gp             |
|   | FBUS | Success | Reading Video001.3gp             |
|   | FBUS | Success | Reading chare.wav                |
|   | FBUS | Success | Reading french.mp3               |
|   | FBUS | Success | Reading SuiteConf.xml            |
|   | FBUS | Success | Reading bootstrap_app_no_network |
|   | FBUS | Success | Reading USER_DATA                |
|   | FBUS | Success | Reading HLOG                     |
|   | FBUS | Success | Reading 01                       |
|   | FBUS | Success | Reading 01                       |
|   | FBUS | Success | Reading 01                       |
|   | FBUS | Success | Reading 01                       |



| Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6 |  |   |   |                             |               |                                  |             |
|---|--|---|---|-----------------------------|---------------|----------------------------------|-------------|
| FBUS  | Success  | Reading                                       | 01                                      |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | HLOG                                    |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 01                                      |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 01                                      |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 01                                      |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 01                                      |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 01                                      |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | kqq_en_zh-CN_zh-TW.jad                  |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | kqq_en_zh-CN_zh-TW.jar                  |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | sol_i_en_zh-CN_zh-TW.jad                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | sol_i_en_zh-CN_zh-TW.jar                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | gtour_en_zh-CN_zh-TW.jad                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | gtour_en_zh-CN_zh-TW.jar                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | pipe_en_zh-CN_zh-TW.jad                 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | pipe_en_zh-CN_zh-TW.jar                 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | _jmr_suite_list_file.jmr                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | _jmr_suite_attrib_file.jmr              |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | _jmr_suite_contents_file.jmr            |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | jps_connection_registry_file.reg        |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | jps_timer_registry_file.reg             |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | UPF_General_data                        |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | UPF_Silent_data                         |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | UPF_Meeting_data                        |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | UPF_Outdoor_data                        |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | UPF_Mystyle1_data                       |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | UPF_Mystyle2_data                       |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | wv1.gif                                 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | wv2.gif                                 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | wv3.gif                                 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | wv4.gif                                 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | PBImp.jpeg                              |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | PBImp000.jpeg                           |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | emcl3_en_zh-CN_zh-TW.jad                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | emcl3_en_zh-CN_zh-TW.jar                |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 6 34631B47250 22+12404213651 *          |                             |               |                                  |             |
|   |  | TYPE=PLMN1                                    |   |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | C 34631DE1250 22+12404213651 *          |                             |               |                                  |             |
|   |  | TYPE=PLMN1                                    |   |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 9 34631C7A250 22+12404213651 *          |                             |               |                                  |             |
|   |  | TYPE=PLMN1                                    |   |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 1 34630EE6210 202404470381 * TYPE=PLMN1 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 2 3463109B210 202404470381 * TYPE=PLMN1 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | 3 346315A2210 202404470381 * TYPE=PLMN1 |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | CYRL2WfUgTu4D70cy.hdr                   |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | CYRL2WfUgTu4D70cy.dat                   |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | C2LZoveTPg9GqyzDF.hdr                   |                             |               |                                  |             |
| FBUS  | Success  | Reading                                       | C2LZoveTPg9GqyzDF.dat                   |                             |               |                                  |             |
| FBUS  | Success  | Disconnecting                                 |   |                             |               |                                  |             |
| MAIN  | Success  | FBUS (3.1) completed successfully             |   |                             |               |                                  |             |
| MAIN  | Success  | Processing completed successfully.            |   |                             |               |                                  |             |
| MAIN  | Success  | Total processing time: 10 minutes, 11 seconds |   |                             |               |                                  |             |
| MAIN  | Success  | 13 items read to General Information folder   |   |                             |               |                                  |             |
| MAIN  | Success  | 17 items read to Contacts folder              |   |                             |               |                                  |             |
| MAIN  | Success  | 5 items read to Calendar folder               |   |                             |               |                                  |             |
| MAIN  | Success  | 2 items read to Notes folder                  |   |                             |               |                                  |             |
| MAIN  | Success  | 36 items read to SMS folder                   |   |                             |               |                                  |             |
| MAIN  | Success  | 6 items read to MMS folder                    |   |                             |               |                                  |             |
| MAIN  | Success  | 56 items read to Pictures folder              |   |                             |               |                                  |             |
| MAIN  | Success  | 2 items read to Videos folder                 |   |                             |               |                                  |             |
| MAIN  | Success  | 24 items read to Audio folder                 |   |                             |               |                                  |             |
| MAIN  | Success  | 48 items read to Files folder                 |   |                             |               |                                  |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-52 Device Log file output.</td> <td>as expected</td> </tr> </tbody> </table> |   |   | Assertion & Expected Result | Actual Result | A_IMO-52 Device Log file output. | as expected |
| Assertion & Expected Result                             | Actual Result  |   |   |                             |               |                                  |             |
| A_IMO-52 Device Log file output.                        | as expected  |   |   |                             |               |                                  |             |
| Analysis:   | Expected results achieved  |   |   |                             |               |                                  |             |

## 5.2.17 CFT-IMO-09 (Nokia 6101)

| Test Case CFT-IMO-09 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|
| Case Summary:   | CFT-IMO-09 Acquire mobile device internal memory and review data containing foreign language characters.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Assertions:   | <p>A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-53 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</p> <p>A_IMO-54 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p>   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Test Date:  | Fri Apr 11 11:26:14 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Device:   | Nokia_6101   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video |
| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |

| Test Case CFT-IMO-09 Micro Systemation .XRY Version 3.6                                |   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|--|---|-----------------------------|---------------|--|-------------|---|-----------------|--|-------------|--|-----------------|--|-------|--|-----------------|
|  | <table border="1"> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>  | Stand-alone data files      |               |  | Audio       |   | Audio - Deleted |  | Image       |  | Image - Deleted |  | Video |  | Video - Deleted |
| Stand-alone data files   |   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Audio   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Audio - Deleted   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Image   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Image - Deleted   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Video   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Video - Deleted   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Fri Apr 11 11:26:14 EDT 2008<br/> Acquisition finished: Fri Apr 11 11:35:11 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/> Complete representation of known data via preview-pane was successful<br/> Foreign character Address book entries were acquired and properly displayed<br/> Foreign character text messages were acquired and properly displayed</p>   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-53 Acquisition of address book entries containing foreign language characters.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-54 Acquisition of outgoing text messages containing foreign language characters.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-38 Comparison of known device data elements via generated reports. | as expected | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected     | A_IMO-53 Acquisition of address book entries containing foreign language characters. | as expected | A_IMO-54 Acquisition of outgoing text messages containing foreign language characters. | as expected     |  |       |  |                 |
| Assertion & Expected Result  | Actual Result   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-38 Comparison of known device data elements via generated reports.               | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-39 Comparison of known device data elements via preview-pane.                    | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-53 Acquisition of address book entries containing foreign language characters.   | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-54 Acquisition of outgoing text messages containing foreign language characters. | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| Analysis:  | Expected results achieved   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |

## 5.2.18 CFT-IMO-11 (Nokia 6101)

| Test Case CFT-IMO-11 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|---|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|
| Case Summary:   | CFT-IMO-11 Acquire mobile device internal memory and review hash values for vendor supported data objects.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Assertions:   | <p>A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-56 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.</p>   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Tester Name:  | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Host:  | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Date:  | Fri Apr 11 11:48:13 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Device:   | Nokia_6101  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Address Book Entries                                    |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| PIM Data  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Call Logs   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Text Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| MMS Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Stand-alone data files                                  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |

| Test Case CFT-IMO-11 Micro Systemation .XRY Version 3.6                  |   |                             |                 |  |             |   |                 |  |             |
|--|---|-----------------------------|-----------------|--|-------------|---|-----------------|--|-------------|
|  | <table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>   |                             | Image - Deleted |  | Video       |   | Video - Deleted |  |             |
|  | Image - Deleted   |                             |                 |  |             |   |                 |  |             |
|  | Video   |                             |                 |  |             |   |                 |  |             |
|  | Video - Deleted   |                             |                 |  |             |   |                 |  |             |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Fri Apr 11 11:48:13 EDT 2008<br/> Acquisition finished: Fri Apr 11 12:01:34 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/> Complete representation of known data via preview-pane was successful<br/> Device hash reporting for individual acquired data elements was successful</p> <p><b>Notes:</b><br/> SHAl and MD5 hashes were successfully calculated for pictures, video, audio and stand-alone files.</p> |                             |                 |  |             |   |                 |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-56 Device hash reporting for individual acquired data objects.</td> <td>as expected</td> </tr> </tbody> </table>                                       | Assertion & Expected Result | Actual Result   | A_IMO-38 Comparison of known device data elements via generated reports. | as expected | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected     | A_IMO-56 Device hash reporting for individual acquired data objects. | as expected |
| Assertion & Expected Result  | Actual Result   |                             |                 |  |             |   |                 |  |             |
| A_IMO-38 Comparison of known device data elements via generated reports. | as expected   |                             |                 |  |             |   |                 |  |             |
| A_IMO-39 Comparison of known device data elements via preview-pane.      | as expected   |                             |                 |  |             |   |                 |  |             |
| A_IMO-56 Device hash reporting for individual acquired data objects.     | as expected   |                             |                 |  |             |   |                 |  |             |
| Analysis:  | Expected results achieved   |                             |                 |  |             |   |                 |  |             |

## 5.2.19 CFT-SIM-01 (T-Mobile SIM)

| Test Case CFT-SIM-01 Micro Systemation .XRY Version 3.6 |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-01 Acquire SIM over supported interfaces (e.g., PC/SC reader, proprietary reader).  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 12:32:32 EDT 2008   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                       | Maximum Length  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 12:32:32 EDT 2008<br>Acquisition finished: Thu Apr 3 12:36:57 EDT 2008<br><br>Media connectivity was established via supported interface  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                             | Actual Result   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.     | as expected   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.20 CFT-SIM-02 (T-Mobile SIM)

| Test Case CFT-SIM-02 Micro Systemation .XRY Version 3.6 |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-02 Attempt acquisition of a non-supported SIM.  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | A_SIM-24 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall have the ability to identify that the SIM is not supported.   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 12:38:38 EDT 2008   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)              | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                       | Maximum Length  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 12:38:38 EDT 2008<br>Acquisition finished: Thu Apr 3 12:40:04 EDT 2008<br><br>Identification of non-supported media was successful  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-24 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-24 Identification of non-supported SIMs. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                             | Actual Result   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-24 Identification of non-supported SIMs.          | as expected   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.21 CFT-SIM-03 (T-Mobile SIM)

| Test Case CFT-SIM-03 Micro Systemation .XRY Version 3.6 |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface disengagement.  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-25 If a cellular forensic tool encounters disengagement between the SIM reader and application then the application shall notify the user that connectivity has been disrupted.</p>   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 12:41:18 EDT 2008  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                       | Maximum Length   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 12:41:18 EDT 2008<br/>Acquisition finished: Thu Apr 3 12:42:43 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Media acquisition disruption notification was successful</p>   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-25 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-25 Notification of SIM acquisition disruption. | as expected       |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                             | Actual Result  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.     | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-25 Notification of SIM acquisition disruption.    | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |



## 5.2.22 CFT-SIM-04 (T-Mobile SIM)

| Test Case CFT-SIM-04 Micro Systemation .XRY Version 3.6        |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIM-04 Attempt acquisition on a password-protected SIM.  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-26 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.</p>  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Thu Apr 3 12:44:22 EDT 2008  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                              | Maximum Length   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 12:44:22 EDT 2008<br/>Acquisition finished: Thu Apr 3 12:45:47 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Ability to enter PIN on protected media before acquisition was successful</p>  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-26 Password entry before acquisition for protected SIMs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-26 Password entry before acquisition for protected SIMs. | as expected       |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                                    | Actual Result  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.            | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-26 Password entry before acquisition for protected SIMs. | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

### 5.2.23 CFT-SIM-05 (T-Mobile SIM)

| Test Case CFT-SIM-05 Micro Systemation .XRY Version 3.6                       |   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|---|----------------|---|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-05 Acquire SIM internal memory and review reported data via the preview-pane or generated reports for readability.  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p>  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 12:47:19 EDT 2008   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DATA OBJECTS</th> <th style="width: 50%;">DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 12:47:19 EDT 2008<br>Acquisition finished: Thu Apr 3 12:48:10 EDT 2008<br><br>Media connectivity was established via supported interface<br>Readability and completeness of acquired data was successful  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Assertion &amp; Expected Result</th> <th style="width: 30%;">Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.24 CFT-SIM-06 (T-Mobile SIM)

| Test Case CFT-SIM-06 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|------------------------------|-------------|--------------------------------|---------------------------------|-------------------------------|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-06 Acquire SIM internal memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-28 If a cellular forensic tool successfully completes acquisition of the target SIM then the SPN shall be presented in a human-readable format without modification.</p> <p>A_SIM-29 If a cellular forensic tool successfully completes acquisition of the target SIM then the ICCID shall be presented in a human-readable format without modification.</p> <p>A_SIM-30 If a cellular forensic tool successfully completes acquisition of the target SIM then the IMSI shall be presented in a human-readable format without modification.</p> <p>A_SIM-31 If a cellular forensic tool successfully completes acquisition of the target SIM then the MSISDN shall be presented in a human-readable format without modification.</p> |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 12:49:21 EDT 2008  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>  | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                              | Blank Name  |                                | Regular Length - Deleted Number |                               | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 12:49:21 EDT 2008<br>Acquisition finished: Thu Apr 3 12:52:03 EDT 2008<br><br>Media connectivity was established via supported interface<br>Readability and completeness of acquired data was successful<br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-28 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-29 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-30 Acquisition of IMSI.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-28 Acquisition of SPN. | as expected | A_SIM-29 Acquisition of ICCID. | as expected                     | A_SIM-30 Acquisition of IMSI. | as expected   |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-28 Acquisition of SPN.  | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-29 Acquisition of ICCID.  | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-30 Acquisition of IMSI.   | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

|   |                                 |             |
|---|---------------------------------|-------------|
| Test Case CFT-SIM-06 Micro Systemation .XRY Version 3.6 |                                 |             |
|   | A_SIM-31 Acquisition of MSISDN. | as expected |
| Analysis:   | Expected results achieved       |             |

## 5.2.25 CFT-SIM-07 (T-Mobile SIM)

| Test Case CFT-SIM-07 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|-------------------------------|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated Dialing Numbers (ADNs).   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-32 If a cellular forensic tool successfully completes acquisition of the target SIM then all Abbreviated Dialing Numbers (ADN) shall be presented in a human-readable format without modification.</p>   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 12:58:47 EDT 2008  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                               | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 12:58:47 EDT 2008<br/>Acquisition finished: Thu Apr 3 13:02:16 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>All ADNs were acquired</p>  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-32 Acquisition of ADNs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-32 Acquisition of ADNs. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-32 Acquisition of ADNs.   | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.26 CFT-SIM-08 (T-Mobile SIM)

| Test Case CFT-SIM-08 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|-------------------------------|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-08 Acquire SIM internal memory and review reported Last Numbers Dialed (LND).  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-33 If a cellular forensic tool successfully completes acquisition of the target SIM then all Last Numbers Dialed (LND) shall be presented in a human-readable format without modification.</p>   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 13:03:20 EDT 2008  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                               | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 13:03:20 EDT 2008<br/>Acquisition finished: Thu Apr 3 13:04:13 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>LNDs were acquired</p>  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-33 Acquisition of LNDs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-33 Acquisition of LNDs. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-33 Acquisition of LNDs.   | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.27 CFT-SIM-09 (T-Mobile SIM)

| Test Case CFT-SIM-09 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|---------------------------------------|-------------|---------------------------------------|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-09 Acquire SIM internal memory and review reported text messages (i.e., SMS, EMS).   |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-34 If a cellular forensic tool successfully completes acquisition of the target SIM then all SMS text messages shall be presented in a human-readable format without modification.</p> <p>A_SIM-35 If a cellular forensic tool successfully completes acquisition of the target SIM then all EMS text messages shall be presented in a human-readable format without modification.</p> |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 13:05:15 EDT 2008  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>                       | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                                       | Blank Name  |                                       | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 13:05:15 EDT 2008<br/>Acquisition finished: Thu Apr 3 13:06:41 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>ALL text messages (SMS, EMS) were acquired</p>  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-34 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-35 Acquisition of EMS messages.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-34 Acquisition of SMS messages. | as expected | A_SIM-35 Acquisition of EMS messages. | as expected                     |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-34 Acquisition of SMS messages.   | as expected  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-35 Acquisition of EMS messages.   | as expected  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |                                       |             |                                       |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.28 CFT-SIM-10 (T-Mobile SIM)

| Test Case CFT-SIM-10 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|---|-------------|---|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-10 Acquire SIM internal memory and review reported location related data (i.e., LOCI, GPRSLOCI).   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-36 If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., LOCI) shall be presented in a human-readable format without modification.</p> <p>A_SIM-37 If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., GPRSLOCI) shall be presented in a human-readable format without modification.</p> |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 13:07:17 EDT 2008  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>   | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |   | Blank Name  |   | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 13:07:17 EDT 2008<br/>Acquisition finished: Thu Apr 3 13:08:37 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>LOCI data was acquired<br/>GPRSLOCI data was acquired</p>   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-36 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-37 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-36 Acquisition of LOCI information. | as expected | A_SIM-37 Acquisition of GPRSLOCI information. | as expected                     |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-36 Acquisition of LOCI information.                                     | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-37 Acquisition of GPRSLOCI information.                                 | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |



## 5.2.29 CFT-SIMO-01 (T-Mobile SIM)

| Test Case CFT-SIMO-01 Micro Systemation .XRY Version 3.6               |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|--|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-01 Acquire SIM internal memory and review acquired data via supported generated report formats.   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 09:34:17 EDT 2008  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      |             |  | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                      |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 09:34:17 EDT 2008<br>Acquisition finished: Fri Apr 4 09:38:27 EDT 2008<br><br>Complete representation of known data via generated reports was successful   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result  | Actual Result  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

### 5.2.30 CFT-SIMO-02 (T-Mobile SIM)

| Test Case CFT-SIMO-02 Micro Systemation .XRY Version 3.6          |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIMO-02 Acquire SIM internal memory and review acquired data via the preview-pane.   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Fri Apr 4 09:43:50 EDT 2008  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                 |             |  | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                 |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Maximum Length   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 09:43:50 EDT 2008<br>Acquisition finished: Fri Apr 4 09:44:54 EDT 2008<br><br>Complete representation of known data via preview-pane was successful  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                                       | Actual Result  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

### 5.2.31 CFT-SIMO-03 (T-Mobile SIM)

| Test Case CFT-SIMO-03 Micro Systemation .XRY Version 3.6                        |  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|--|----------------|---|-------------------|---|-------------|--|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIMO-03 Acquire SIM internal memory and compare acquired data via the preview-pane and supported generated reports.  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-60 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Fri Apr 4 09:56:06 EDT 2008  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | TMOBILE_SIM  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB <table border="1" data-bbox="418 808 1307 1213"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      | Maximum Length |   | Special Character |   | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 09:56:06 EDT 2008<br>Acquisition finished: Fri Apr 4 09:59:10 EDT 2008<br><br>Complete representation of known data via generated reports was successful<br>Complete representation of known data via preview-pane was successful  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1" data-bbox="418 1480 1380 1680"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-60 Compare generated reports and preview-pane views for SIM acquisition.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected    | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected       | A_SIMO-60 Compare generated reports and preview-pane views for SIM acquisition. | as expected |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports.          | as expected  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane.               | as expected  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-60 Compare generated reports and preview-pane views for SIM acquisition. | as expected  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

### 5.2.32 CFT-SIMO-04 (T-Mobile SIM)

| Test Case CFT-SIMO-04 Micro Systemation .XRY Version 3.6 |   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|---|-----------------------------|---------------|---|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-04 After a successful SIM internal memory acquisition, after the case file via third party means and attempt to re-open the case.  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-61 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 10:00:20 EDT 2008   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1" data-bbox="418 590 1307 999"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                 |             |  | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                        |   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 10:00:20 EDT 2008<br>Acquisition finished: Fri Apr 4 10:01:43 EDT 2008<br><br>Notification of modified case data was successful<br><br><b>Notes:</b><br>Case File Encryption has to be selected before Acquisition  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1" data-bbox="418 1314 1269 1367"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-61 Notification of modified SIM case data.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-61 Notification of modified SIM case data. | as expected |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                              | Actual Result   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-61 Notification of modified SIM case data.        | as expected   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

### 5.2.33 CFT-SIMO-05 (T-Mobile SIM)

| Test Case CFT-SIMO-05 Micro Systemation .XRY Version 3.6               |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|---|-----------------------------|---------------|--|-------------|---|----------------|---|-------------------|---|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-05 Acquire SIM internal memory and review reports for recoverable deleted data.  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | <p>A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-62 If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted SMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification.</p> <p>A_SIMO-63 If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted EMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification.</p> |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 10:23:58 EDT 2008   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>   | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      |             |   | Maximum Length |   | Special Character |   | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                      |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Fri Apr 4 10:23:58 EDT 2008<br/>Acquisition finished: Fri Apr 4 10:25:08 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/>Complete representation of known data via preview-pane was successful<br/>Deleted SMS data was recovered<br/>Deleted EMS data was recovered</p>   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-62 Recovery of deleted SMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-63 Recovery of deleted EMS messages.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected    | A_SIMO-62 Recovery of deleted SMS messages. | as expected       | A_SIMO-63 Recovery of deleted EMS messages. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result  | Actual Result   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane.      | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-62 Recovery of deleted SMS messages.                            | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-63 Recovery of deleted EMS messages.                            | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

|  |                           |
|--|---------------------------|
| Test Case CFT-SIMO-05 Micro Systemation .XRY Version 3.6 |                           |
| Analysis:  | Expected results achieved |

### 5.2.34 CFT-SIMO-06 (T-Mobile SIM)

| Test Case CFT-SIMO-06 Micro Systemation .XRY Version 3.6 |   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|--|---|--|---------------|-----------------------------------|--|--|----------------|------|-------------------|--------------------|------------|---------|---------------------------------|------|---------------|--|------|---------|---------------------------|---------------|---------|-------------------------------|---------------------|---------|------------------------|-----|------------------------|----------------------------|-----------------------|---------|-----------------------------|-----|------------------------|------------------------|-----|---------|-----------------|-----|---------|---------------------|-----|---------|-----------------------------|-----|---------|-----------------------------|-----|---------|----------------------|-----|---------|-----------------------------|-----|---------|-----------------------------|-----|---------|---|-----|---------|---|-----|---------|--------------------------|-----|---------|-------------|-----|---------|----------------------------|-----|---------|--|
| Case Summary:  | CFT-SIMO-06 Acquire SIM internal memory and review generated log files.   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Assertions:  | A_SIMO-64 If a cellular forensic tool supports creation of log files then the application should present the log files in a human-readable format outlining the acquisition process.  |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Tester Name:   | rpa   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Test Host:   | Morrisy   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Test Date:   | Fri Apr 4 10:40:22 EDT 2008   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Device:  | TMOBILE_SIM   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DATA OBJECTS</th> <th style="width: 50%;">DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>  | DATA OBJECTS                                 | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN) |  |  | Maximum Length |      | Special Character |                    | Blank Name |         | Regular Length - Deleted Number |      | Foreign Entry | Call Logs                              |      |         | Last Numbers Dialed (LND) | Text Messages |         |                               | Incoming SMS - Read |         | Incoming SMS - Foreign |     | Incoming SMS - Deleted |                            | Incoming SMS - Unread |         | Incoming Foreign EMS - Read |     | Incoming EMS - Deleted |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| DATA OBJECTS   | DATA ELEMENTS   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Abbreviated Dialing Numbers (ADN)                        |   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Maximum Length  |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Special Character   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Blank Name  |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Regular Length - Deleted Number   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Foreign Entry   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Call Logs  |   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Last Numbers Dialed (LND)   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Text Messages  |   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Incoming SMS - Read   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Incoming SMS - Foreign  |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Incoming SMS - Deleted  |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Incoming SMS - Unread   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Incoming Foreign EMS - Read   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  | Incoming EMS - Deleted  |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 10:40:22 EDT 2008<br>Acquisition finished: Fri Apr 4 10:43:03 EDT 2008<br><br>Creation of complete and human-readable log files was successful<br><br><b>Notes:</b><br><br>XRY Log<br><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Module</th> <th style="width: 15%;">Status</th> <th style="width: 70%;">Message</th> </tr> <tr> <th style="border-top: 1px dashed black;"></th> <th style="border-top: 1px dashed black;"></th> <th style="border-top: 1px dashed black;"></th> </tr> </thead> <tbody> <tr> <td>MAIN</td> <td>Success</td> <td>Initiating Process</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>.XRY Version 3.6</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>Connected to OMNIKEY CardMan 6121 0 []</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>Device Name: SIM Card</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>Starting process of SIM (3.6)</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Connecting</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Connected with T0 Protocol</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Detecting SIM type</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Identified as SIM Card</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Passed PIN code</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Analyzing MF folder</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Analyzing GSM Folder</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading Network Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading Network Information PLMN Selector</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading Network Information Forbidden PLMNs</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Analyzing Telecom Folder</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading SMS</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Read 30 positions, 13 used</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information (MSISDN numbers)</td> </tr> </tbody> </table> | Module                                       | Status        | Message                           |  |  |                | MAIN | Success           | Initiating Process | MAIN       | Success | .XRY Version 3.6                | MAIN | Success       | Connected to OMNIKEY CardMan 6121 0 [] | MAIN | Success | Device Name: SIM Card     | MAIN          | Success | Starting process of SIM (3.6) | SIM                 | Success | Connecting             | SIM | Success                | Connected with T0 Protocol | SIM                   | Success | Detecting SIM type          | SIM | Success                | Identified as SIM Card | SIM | Success | Passed PIN code | SIM | Success | Analyzing MF folder | SIM | Success | Reading General Information | SIM | Success | Reading General Information | SIM | Success | Analyzing GSM Folder | SIM | Success | Reading General Information | SIM | Success | Reading Network Information | SIM | Success | Reading Network Information PLMN Selector | SIM | Success | Reading Network Information Forbidden PLMNs | SIM | Success | Analyzing Telecom Folder | SIM | Success | Reading SMS | SIM | Success | Read 30 positions, 13 used | SIM | Success | Reading General Information (MSISDN numbers) |
| Module   | Status  | Message                                      |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
|  |   |  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| MAIN   | Success   | Initiating Process                           |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| MAIN   | Success   | .XRY Version 3.6                             |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| MAIN   | Success   | Connected to OMNIKEY CardMan 6121 0 []       |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| MAIN   | Success   | Device Name: SIM Card                        |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| MAIN   | Success   | Starting process of SIM (3.6)                |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Connecting                                   |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Connected with T0 Protocol                   |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Detecting SIM type                           |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Identified as SIM Card                       |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Passed PIN code                              |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Analyzing MF folder                          |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading General Information                  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading General Information                  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Analyzing GSM Folder                         |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading General Information                  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading Network Information                  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading Network Information PLMN Selector    |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading Network Information Forbidden PLMNs  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Analyzing Telecom Folder                     |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading SMS                                  |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Read 30 positions, 13 used                   |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |
| SIM  | Success   | Reading General Information (MSISDN numbers) |               |                                   |  |  |                |      |                   |                    |            |         |                                 |      |               |  |      |         |                           |               |         |                               |                     |         |                        |     |                        |                            |                       |         |                             |     |                        |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |     |         |  |

| Test Case CFT-SIMO-06 Micro Systemation .XRY Version 3.6 |  |         |   |                             |               |                                |             |
|--|--|---------|---|-----------------------------|---------------|--------------------------------|-------------|
|  | SIM  | Success | Read 4 positions, 1 used                    |                             |               |                                |             |
|  | SIM  | Success | Reading Network Information                 |                             |               |                                |             |
|  | SIM  | Success | Reading Contacts                            |                             |               |                                |             |
|  | SIM  | Success | Read 250 positions, 10 used                 |                             |               |                                |             |
|  | SIM  | Success | Reading Contacts (fixed numbers)            |                             |               |                                |             |
|  | SIM  | Success | Read 15 positions, 0 used                   |                             |               |                                |             |
|  | SIM  | Success | Reading Calls (last dialled)                |                             |               |                                |             |
|  | SIM  | Success | Read 10 positions, 3 used                   |                             |               |                                |             |
|  | SIM  | Success | Attempting to read 02 IMEI                  |                             |               |                                |             |
|  | SIM  | Success | No IMEI Found                               |                             |               |                                |             |
|  | MAIN   | Success | SIM (3.6) completed successfully            |                             |               |                                |             |
|  | MAIN   | Success | Processing completed successfully.          |                             |               |                                |             |
|  | MAIN   | Success | Total processing time: 0 minutes, 7 seconds |                             |               |                                |             |
|  | MAIN   | Success | 9 items read to General Information folder  |                             |               |                                |             |
|  | MAIN   | Success | 10 items read to Contacts folder            |                             |               |                                |             |
|  | MAIN   | Success | 3 items read to Calls folder                |                             |               |                                |             |
|  | MAIN   | Success | 12 items read to SMS folder                 |                             |               |                                |             |
|  | MAIN   | Success | 13 items read to Network Information folder |                             |               |                                |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-64 SIM log file output.</td> <td>as expected</td> </tr> </tbody> </table> |         |   | Assertion & Expected Result | Actual Result | A_SIMO-64 SIM log file output. | as expected |
| Assertion & Expected Result                              | Actual Result  |         |   |                             |               |                                |             |
| A_SIMO-64 SIM log file output.                           | as expected  |         |   |                             |               |                                |             |
| Analysis:  | Expected results achieved  |         |   |                             |               |                                |             |



## 5.2.35 CFT-SIMO-07 (T-Mobile SIM)

| Test Case CFT-SIMO-07 Micro Systemation .XRY Version 3.6               |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|--|-------------|---|----------------|---|-------------------|---|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-07 Acquire SIM internal memory and review data containing foreign language characters.  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | <p>A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-65 If the cellular forensic tool supports proper display of foreign language character sets then the application should present abbreviated dialing numbers (ADNs) containing foreign language characters in their native format without modification.</p> <p>A_SIMO-66 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p> |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 12:43:30 EDT 2008  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>  | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      |             |   | Maximum Length |   | Special Character |   | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                      |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Fri Apr 4 12:43:30 EDT 2008<br/>Acquisition finished: Fri Apr 4 12:44:21 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/>Complete representation of known data via preview-pane was successful<br/>ADNs containing foreign characters were acquired and properly displayed<br/>Text messages containing foreign characters were acquired and properly displayed</p>   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-65 Acquisition of ADNs containing foreign language characters.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-66 Acquisition of text messages containing foreign</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected    | A_SIMO-65 Acquisition of ADNs containing foreign language characters. | as expected       | A_SIMO-66 Acquisition of text messages containing foreign | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result  | Actual Result  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane.      | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-65 Acquisition of ADNs containing foreign language characters.  | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-66 Acquisition of text messages containing foreign              | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

|  |                           |
|--|---------------------------|
| Test Case CFT-SIMO-07 Micro Systemation .XRY Version 3.6 |                           |
|  | language characters.      |
| Analysis:  | Expected results achieved |

### 5.2.36 CFT-SIMO-08 (T-Mobile SIM)

| Test Case CFT-SIMO-08 Micro Systemation .XRY Version 3.6 |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|---|-----------------------------|---------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-08 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-67 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 12:46:34 EDT 2008   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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| DATA OBJECTS   | DATA ELEMENTS   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                        | Maximum Length  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 12:46:34 EDT 2008<br>Acquisition finished: Fri Apr 4 12:48:08 EDT 2008<br><br>Remaining number of PIN attempts properly displayed was successful  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-67 Display of remaining number of PIN attempts.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-67 Display of remaining number of PIN attempts. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                              | Actual Result   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-67 Display of remaining number of PIN attempts.   | as expected   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.37 CFT-SIMO-09 (T-Mobile SIM)

| Test Case CFT-SIMO-09 Micro Systemation .XRY Version 3.6 |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|--|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-09 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-68 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 14:11:34 EDT 2008  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | TMOBILE_SIM  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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| DATA OBJECTS   | DATA ELEMENTS  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                        |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 14:11:34 EDT 2008<br>Acquisition finished: Fri Apr 4 14:12:44 EDT 2008<br><br>Remaining number of PUK attempts properly displayed was successful   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-68 Display of remaining number of PUK attempts.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIMO-68 Display of remaining number of PUK attempts. | as expected |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                              | Actual Result  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-68 Display of remaining number of PUK attempts.   | as expected  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.38 CFT-IM-01 (Motorola RAZR V3)

| Test Case CFT-IM-01 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 9 08:12:43 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | OS: WIN XP<br>Interface: cable, Bluetooth  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log  | Created By .XRY Version 3.6  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-01 Micro Systemation .XRY Version 3.6 |  |                             |               |   |             |
|--|--|-----------------------------|---------------|---|-------------|
| Highlights:  | <p>Acquisition started: Wed Apr 9 08:12:43 EDT 2008<br/> Acquisition finished: Wed Apr 9 08:19:21 EDT 2008</p> <p>Device connectivity was established via supported interface (i.e., cable, Bluetooth)</p> <p><b>Notes:</b><br/> IrDA acquisition not supported.</p> |                             |               |   |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>                              | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected |
| Assertion & Expected Result                            | Actual Result  |                             |               |   |             |
| A_IM-01 Device connectivity via supported interfaces.  | as expected  |                             |               |   |             |
| Analysis:  | Expected results achieved  |                             |               |   |             |

## 5.2.39 CFT-IM-02 (Motorola RAZR V3)

| Test Case CFT-IM-02 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall have the ability to identify that the device is not supported.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 9 08:24:21 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | non-supported mobile device   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log  | Created By .XRY Version 3.6   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-02 Micro Systemation .XRY Version 3.6 |  |                             |               |  |             |
|--|--|-----------------------------|---------------|--|-------------|
| Highlights:  | Acquisition started: Wed Apr 9 08:24:21 EDT 2008<br>Acquisition finished: Wed Apr 9 08:26:27 EDT 2008<br><br>Identification of non-supported devices was successful  |                             |               |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IM-02 Identification of non-supported devices. | as expected |
| Assertion & Expected Result                            | Actual Result  |                             |               |  |             |
| A_IM-02 Identification of non-supported devices.       | as expected  |                             |               |  |             |
| Analysis:  | Expected results achieved  |                             |               |  |             |



## 5.2.40 CFT-IM-03 (Motorola RAZR V3)

| Test Case CFT-IM-03 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).<br>A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 9 08:34:52 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-03 Micro Systemation .XRY Version 3.6 |   |                             |               |   |             |  |             |
|--|---|-----------------------------|---------------|---|-------------|--|-------------|
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 08:34:52 EDT 2008<br/> Acquisition finished: Wed Apr 9 08:35:24 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Device acquisition disruption notification was successful</p>   |                             |               |   |             |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-03 Notification of device acquisition disruption. | as expected |
| Assertion & Expected Result                            | Actual Result   |                             |               |   |             |  |             |
| A_IM-01 Device connectivity via supported interfaces.  | as expected   |                             |               |   |             |  |             |
| A_IM-03 Notification of device acquisition disruption. | as expected   |                             |               |   |             |  |             |
| Analysis:  | Expected results achieved   |                             |               |   |             |  |             |

## 5.2.41 CFT-IM-04 (Motorola RAZR V3)

| Test Case CFT-IM-04 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:  | CFT-IM-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:  | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).<br>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:   | Wed Apr 9 08:37:15 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:  | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:  | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IM-04 Micro Systemation .XRY Version 3.6                       |   |                             |               |   |             |  |             |
|--|---|-----------------------------|---------------|---|-------------|--|-------------|
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 08:37:15 EDT 2008<br/> Acquisition finished: Wed Apr 9 08:39:25 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful</p> <p><b>Notes:</b><br/> Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.</p> |                             |               |   |             |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected |
| Assertion & Expected Result  | Actual Result   |                             |               |   |             |  |             |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |               |   |             |  |             |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |               |   |             |  |             |
| Analysis:  | Expected results achieved   |                             |               |   |             |  |             |

## 5.2.42 CFT-IM-05 (Motorola RAZR V3)

| Test Case CFT-IM-05 Micro Systemation .XRY Version 3.6 |  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|--|--|--------------|---------------|----------------------|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|----------------|--|----------------|--|---------------|--|-------------------|-----------|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|------------------------|
| Case Summary:  | CFT-IM-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., IMEI, MSISDN).   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.</p> <p>A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.</p>  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Tester Name:   | rpa  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Test Host:   | Morrisy  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Test Date:   | Wed Apr 9 08:42:29 EDT 2008  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Device:  | Motorola_RAZR_V3   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td></td> <td>Stand-alone data files</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video |  | Stand-alone data files |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Address Book Entries                                   | Maximum Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Regular Length, email, picture   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Special Character  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Blank Name   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Deleted Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Foreign Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| PIM Data   | Maximum Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Regular Length   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Deleted Entry  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Special Character  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Call Logs  | Missed   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Missed - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| Text Messages  | Incoming SMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming SMS - Unread  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming SMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing SMS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing SMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming EMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming EMS - Unread  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming Foreign EMS - Read  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming EMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing EMS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing EMS - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
| MMS Messages   | Incoming Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Incoming Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Outgoing Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |
|  | Stand-alone data files   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |  |                        |

| Test Case CFT-IM-05 Micro Systemation .XRY Version 3.6                       |   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|--|---|-----------------------------|---------------|---|-----------------|--|-------------|--------------------------------|-----------------|------------------------------|-------------|--|-----------------|
|  | <table border="1"> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>   |                             | Audio         |   | Audio - Deleted |  | Image       |                                | Image - Deleted |                              | Video       |  | Video - Deleted |
|  | Audio   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Audio - Deleted   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Image   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Image - Deleted   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Video   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
|  | Video - Deleted   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 08:42:29 EDT 2008<br/> Acquisition finished: Wed Apr 9 08:45:38 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired</p> <p><b>Notes:</b><br/> Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.</p> |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-05 Acquisition of MSISDN.</td> <td>as expected</td> </tr> <tr> <td>A_IM-06 Acquisition of IMEI.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IM-01 Device connectivity via supported interfaces. | as expected     | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected | A_IM-05 Acquisition of MSISDN. | as expected     | A_IM-06 Acquisition of IMEI. | as expected |  |                 |
| Assertion & Expected Result  | Actual Result   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-05 Acquisition of MSISDN.   | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| A_IM-06 Acquisition of IMEI.   | as expected   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |
| Analysis:  | Expected results achieved   |                             |               |   |                 |  |             |                                |                 |                              |             |  |                 |

### 5.2.43 CFT-IM-06 (Motorola RAZR V3)

| Test Case CFT-IM-06 Micro Systemation .XRY Version 3.6 |  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|--|--|----------------|---------------|----------------------|----------------|--------------------------------|-------------------|------------|---|---------------|---------------|----------|----------------|----------------|---------------|-------------------|-----------|--------|------------------|----------|--------------------|----------|--------------------|---------------|--|
| Case Summary:  | CFT-IM-06 Acquire mobile device internal memory and review reported PIM related data.  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.</p> <p>A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.</p> <p>A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.</p> <p>A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.</p> |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Tester Name:   | rpa  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Test Host:   | Morrisy  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Test Date:   | Wed Apr 9 08:55:23 EDT 2008  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Device:  | Motorola_RAZR_V3   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Source Setup:  | OS: WIN XP<br>Interface: cable<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length, email, picture</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td>Blank Name</td> </tr> <tr> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Foreign Entry</td> </tr> <tr> <td rowspan="4">PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td rowspan="6">Call Logs</td> <td>Missed</td> </tr> <tr> <td>Missed - Deleted</td> </tr> <tr> <td>Incoming</td> </tr> <tr> <td>Incoming - Deleted</td> </tr> <tr> <td>Outgoing</td> </tr> <tr> <td>Outgoing - Deleted</td> </tr> <tr> <td rowspan="2">Text Messages</td> <td></td> </tr> </tbody> </table>   | DATA OBJECTS   | DATA ELEMENTS | Address Book Entries | Maximum Length | Regular Length, email, picture | Special Character | Blank Name | Regular Length, Deleted email - deleted picture | Deleted Entry | Foreign Entry | PIM Data | Maximum Length | Regular Length | Deleted Entry | Special Character | Call Logs | Missed | Missed - Deleted | Incoming | Incoming - Deleted | Outgoing | Outgoing - Deleted | Text Messages |  |
| DATA OBJECTS   | DATA ELEMENTS  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Address Book Entries                                   | Maximum Length   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Regular Length, email, picture   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Special Character  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Blank Name   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Regular Length, Deleted email - deleted picture  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Deleted Entry  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Foreign Entry  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | PIM Data   | Maximum Length |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  |  | Regular Length |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  |  | Deleted Entry  |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Special Character                                      |  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Call Logs  | Missed   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Missed - Deleted   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Incoming   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Incoming - Deleted   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Outgoing   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
|  | Outgoing - Deleted   |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |
| Text Messages  |  |                |               |                      |                |                                |                   |            |   |               |               |          |                |                |               |                   |           |        |                  |          |                    |          |                    |               |  |

**Test Case CFT-IM-06 Micro Systemation .XRY Version 3.6**

|                        |                             |
|------------------------|-----------------------------|
|                        | Incoming SMS - Read         |
|                        | Incoming SMS - Unread       |
|                        | Incoming SMS - Deleted      |
|                        | Outgoing SMS                |
|                        | Outgoing SMS - Deleted      |
|                        | Incoming EMS - Read         |
|                        | Incoming EMS - Unread       |
|                        | Incoming Foreign EMS - Read |
|                        | Incoming EMS - Deleted      |
|                        | Outgoing EMS                |
|                        | Outgoing EMS - Deleted      |
| MMS Messages           |                             |
|                        | Incoming Audio              |
|                        | Incoming Image              |
|                        | Incoming Video              |
|                        | Outgoing Audio              |
|                        | Outgoing Image              |
|                        | Outgoing Video              |
| Stand-alone data files |                             |
|                        | Audio                       |
|                        | Audio - Deleted             |
|                        | Image                       |
|                        | Image - Deleted             |
|                        | Video                       |
|                        | Video - Deleted             |

**Log Highlights:**  
 Created By .XRY Version 3.6  
 Acquisition started: Wed Apr 9 08:55:23 EDT 2008  
 Acquisition finished: Wed Apr 9 09:05:15 EDT 2008

Device connectivity was established via supported interface  
 Readability and completeness of acquired data was successful  
 All address book entries were successfully acquired  
 ALL PIM related data was acquired

**Notes:**  
 Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.

**Results:**

| Assertion & Expected Result  | Actual Result |
|--|---------------|
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |
| A_IM-07 Acquisition of address book entries.                                 | as expected   |
| A_IM-08 Acquisition of maximum length address book entries.                  | as expected   |
| A_IM-09 Acquisition of address book entries containing special characters.   | as expected   |
| A_IM-10 Acquisition of address book entries containing a blank name entry.   | as expected   |
| A_IM-11 Acquisition of embedded email addresses within address book entries. | as expected   |
| A_IM-12 Acquisition of embedded graphics within address book entries.        | as expected   |
| A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).            | as expected   |
| A_IM-14 Acquisition of maximum length PIM data.                              | as expected   |

**Analysis:** Expected results achieved



## 5.2.44 CFT-IM-07 (Motorola RAZR V3)

| Test Case CFT-IM-07 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|
| Case Summary:  | CFT-IM-07 Acquire mobile device internal memory and review reported call logs.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Date:   | Wed Apr 9 10:06:46 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Device:  | Motorola_RAZR_V3  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Stand-alone data files                                 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |

| Test Case CFT-IM-07 Micro Systemation .XRY Version 3.6                       |   |                             |                 |   |             |  |                 |                                   |             |
|--|---|-----------------------------|-----------------|---|-------------|--|-----------------|-----------------------------------|-------------|
|  | <table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>   |                             | Image - Deleted |   | Video       |  | Video - Deleted |                                   |             |
|  | Image - Deleted   |                             |                 |   |             |  |                 |                                   |             |
|  | Video   |                             |                 |   |             |  |                 |                                   |             |
|  | Video - Deleted   |                             |                 |   |             |  |                 |                                   |             |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 10:06:46 EDT 2008<br/> Acquisition finished: Wed Apr 9 10:09:01 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> All Call Logs (incoming, outgoing) were acquired</p> <p><b>Notes:</b><br/> Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.</p> |                             |                 |   |             |  |                 |                                   |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-15 Acquisition of call logs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result   | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected     | A_IM-15 Acquisition of call logs. | as expected |
| Assertion & Expected Result  | Actual Result   |                             |                 |   |             |  |                 |                                   |             |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |                 |   |             |  |                 |                                   |             |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |                 |   |             |  |                 |                                   |             |
| A_IM-15 Acquisition of call logs.  | as expected   |                             |                 |   |             |  |                 |                                   |             |
| Analysis:  | Expected results achieved   |                             |                 |   |             |  |                 |                                   |             |

## 5.2.45 CFT-IM-08 (Motorola RAZR V3)

| Test Case CFT-IM-08 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|--|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|
| Case Summary:  | CFT-IM-08 Acquire mobile device internal memory and review reported text messages.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Tester Name:   | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Host:   | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Date:   | Wed Apr 9 09:35:52 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Device:  | Motorola_RAZR_V3  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |
| DATA OBJECTS   | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Address Book Entries                                   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| PIM Data   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Call Logs  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Text Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| MMS Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Stand-alone data files                                 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|  | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |

| Test Case CFT-IM-08 Micro Systemation .XRY Version 3.6                       |   |                             |                 |   |             |  |                 |                                       |             |
|--|---|-----------------------------|-----------------|---|-------------|--|-----------------|---------------------------------------|-------------|
|  | <table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>   |                             | Image - Deleted |   | Video       |  | Video - Deleted |                                       |             |
|  | Image - Deleted   |                             |                 |   |             |  |                 |                                       |             |
|  | Video   |                             |                 |   |             |  |                 |                                       |             |
|  | Video - Deleted   |                             |                 |   |             |  |                 |                                       |             |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 09:35:52 EDT 2008<br/> Acquisition finished: Wed Apr 9 09:39:33 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> ALL text messages (SMS, EMS) were acquired</p> <p><b>Notes:</b><br/> Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.</p> |                             |                 |   |             |  |                 |                                       |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-16 Acquisition of text messages.</td> <td>as expected</td> </tr> </tbody> </table>                                  | Assertion & Expected Result | Actual Result   | A_IM-01 Device connectivity via supported interfaces. | as expected | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected     | A_IM-16 Acquisition of text messages. | as expected |
| Assertion & Expected Result  | Actual Result   |                             |                 |   |             |  |                 |                                       |             |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |                 |   |             |  |                 |                                       |             |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |                 |   |             |  |                 |                                       |             |
| A_IM-16 Acquisition of text messages.  | as expected   |                             |                 |   |             |  |                 |                                       |             |
| Analysis:  | Expected results achieved   |                             |                 |   |             |  |                 |                                       |             |

## 5.2.46 CFT-IM-09 (Motorola RAZR V3)

| Test Case CFT-IM-09 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|
| Case Summary:  | CFT-IM-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.</p> <p>A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.</p> <p>A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.</p>  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Test Date:   | Wed Apr 9 09:41:47 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Device:  | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Source Setup:  | <p>OS: WIN XP</p> <p>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |
|  | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |

| Test Case CFT-IM-09 Micro Systemation .XRY Version 3.6                       |   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|--|---|-----------------------------|----------------|---|----------------|--|----------------|--|-------------|--|-------------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
|  | <table border="1"> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>   |                             | Outgoing Audio |   | Outgoing Image |  | Outgoing Video | Stand-alone data files                     |             |  | Audio       |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
|  | Outgoing Audio  |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image  |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video  |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files   |   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 09:41:47 EDT 2008<br/> Acquisition finished: Wed Apr 9 09:43:17 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> ALL MMS messages (Audio, Image, Video) were acquired</p> <p><b>Notes:</b><br/> QuickTime Version 7.4.1 was used to execute MMS attachments.</p> <p>Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.</p>   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-17 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_IM-18 Acquisition of image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_IM-19 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result  | A_IM-01 Device connectivity via supported interfaces. | as expected    | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected    | A_IM-17 Acquisition of audio MMS messages. | as expected | A_IM-18 Acquisition of image MMS messages. | as expected | A_IM-19 Acquisition of video MMS messages. | as expected     |  |       |  |                 |  |       |  |                 |
| Assertion & Expected Result  | Actual Result   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-17 Acquisition of audio MMS messages.                                   | as expected   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-18 Acquisition of image MMS messages.                                   | as expected   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-19 Acquisition of video MMS messages.                                   | as expected   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |
| Analysis:  | Expected results achieved   |                             |                |   |                |  |                |  |             |  |             |  |                 |  |       |  |                 |  |       |  |                 |

## 5.2.47 CFT-IM-10 (Motorola RAZR V3)

| Test Case CFT-IM-10 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|--|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|
| Case Summary:  | CFT-IM-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Assertions:  | <p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.</p>   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Tester Name:   | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Test Host:   | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Test Date:   | Wed Apr 9 10:00:13 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Device:  | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Source Setup:  | <p>OS: WIN XP</p> <p>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |
| DATA OBJECTS   | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Address Book Entries                                   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| PIM Data   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Call Logs  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| Text Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
| MMS Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |
|  | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |

| Test Case CFT-IM-10 Micro Systemation .XRY Version 3.6                       |  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|--|--|-----------------------------|----------------|---|----------------|--|----------------|---|----------------|---|----------------|---|-------------|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
|  | <table border="1"> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>  |                             | Incoming Image |   | Incoming Video |  | Outgoing Audio |   | Outgoing Image |   | Outgoing Video | Stand-alone data files                          |             |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
|  | Incoming Image   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Incoming Video   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Audio   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Image   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Outgoing Video   |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files   |  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Audio - Deleted  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Image - Deleted  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|  | Video - Deleted  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Wed Apr 9 10:00:13 EDT 2008<br/> Acquisition finished: Wed Apr 9 10:01:49 EDT 2008</p> <p>Device connectivity was established via supported interface<br/> Readability and completeness of acquired data was successful<br/> ALL stand-alone data files (Audio, Image, Video) were acquired</p> <p><b>Notes:</b><br/> Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.</p>  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-20 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>A_IM-21 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>A_IM-22 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result  | A_IM-01 Device connectivity via supported interfaces. | as expected    | A_IM-04 Readability and completeness of acquired data via supported reports. | as expected    | A_IM-20 Acquisition of stand-alone audio files. | as expected    | A_IM-21 Acquisition of stand-alone graphic files. | as expected    | A_IM-22 Acquisition of stand-alone video files. | as expected |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertion & Expected Result  | Actual Result  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-01 Device connectivity via supported interfaces.                        | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-04 Readability and completeness of acquired data via supported reports. | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-20 Acquisition of stand-alone audio files.                              | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-21 Acquisition of stand-alone graphic files.                            | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| A_IM-22 Acquisition of stand-alone video files.                              | as expected  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Analysis:  | Expected results achieved  |                             |                |   |                |  |                |   |                |   |                |   |             |  |       |  |                 |  |       |  |                 |  |       |  |                 |



## 5.2.48 CFT-IMO-01 (Motorola RAZR V3)

| Test Case CFT-IMO-01 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-01 Acquire mobile device internal memory and review reported data via supported generated report formats.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 12:18:47 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log   | Created By .XRY Version 3.6  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-01 Micro Systemation .XRY Version 3.6                  |  |                             |               |  |             |
|--|--|-----------------------------|---------------|--|-------------|
| Highlights:  | Acquisition started: Fri Apr 11 12:18:47 EDT 2008<br>Acquisition finished: Fri Apr 11 12:23:23 EDT 2008<br>Acquisition finished: Fri Apr 11 12:27:57 EDT 2008<br><br>Complete representation of known data via generated reports was successful            |                             |               |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-38 Comparison of known device data elements via generated reports. | as expected |
| Assertion & Expected Result  | Actual Result  |                             |               |  |             |
| A_IMO-38 Comparison of known device data elements via generated reports. | as expected  |                             |               |  |             |
| Analysis:  | Expected results achieved  |                             |               |  |             |

## 5.2.49 CFT-IMO-02 (Motorola RAZR V3)

| Test Case CFT-IMO-02 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-02 Acquire mobile device internal memory and review reported data via the preview-pane.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 12:26:06 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Motorola_RAZR_V3  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log   | Created By .XRY Version 3.6   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-02 Micro Systemation .XRY Version 3.6             |   |                             |               |   |             |
|---|---|-----------------------------|---------------|---|-------------|
| Highlights:   | Acquisition started: Fri Apr 11 12:26:06 EDT 2008<br>Complete representation of known data via preview-pane was successful  |                             |               |   |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected |
| Assertion & Expected Result   | Actual Result   |                             |               |   |             |
| A_IMO-39 Comparison of known device data elements via preview-pane. | as expected   |                             |               |   |             |
| Analysis:   | Expected results achieved   |                             |               |   |             |

## 5.2.50 CFT-IMO-03 (Motorola RAZR V3)

| Test Case CFT-IMO-03 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|---|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|
| Case Summary:   | CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Assertions:   | <p>A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-40 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Tester Name:  | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Test Host:  | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Test Date:  | Fri Apr 11 12:28:54 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Device:   | Motorola_RAZR_V3  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Address Book Entries                                    |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| PIM Data  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Call Logs   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Text Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| MMS Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
| Stand-alone data files                                  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |
|   | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |

| Test Case CFT-IMO-03 Micro Systemation .XRY Version 3.6                           |  |                             |               |  |             |   |             |   |             |
|---|--|-----------------------------|---------------|--|-------------|---|-------------|---|-------------|
|   | Video - Deleted  |                             |               |  |             |   |             |   |             |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/> Acquisition started: Fri Apr 11 12:28:54 EDT 2008<br/> Acquisition finished: Fri Apr 11 12:30:47 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/> Complete representation of known data via preview-pane was successful<br/> Consistency between generated reports and preview-pane was successful</p>  |                             |               |  |             |   |             |   |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-40 Compare generated reports and preview-pane views for device acquisition.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-38 Comparison of known device data elements via generated reports. | as expected | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected | A_IMO-40 Compare generated reports and preview-pane views for device acquisition. | as expected |
| Assertion & Expected Result   | Actual Result  |                             |               |  |             |   |             |   |             |
| A_IMO-38 Comparison of known device data elements via generated reports.          | as expected  |                             |               |  |             |   |             |   |             |
| A_IMO-39 Comparison of known device data elements via preview-pane.               | as expected  |                             |               |  |             |   |             |   |             |
| A_IMO-40 Compare generated reports and preview-pane views for device acquisition. | as expected  |                             |               |  |             |   |             |   |             |
| Analysis:   | Expected results achieved  |                             |               |  |             |   |             |   |             |

## 5.2.51 CFT-IMO-04 (Motorola RAZR V3)

| Test Case CFT-IMO-04 Micro Systemation .XRY Version 3.6 |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|---|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-04 After a successful mobile device internal memory acquisition, alter the case file via third party means and attempt to re-open the case.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-41 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 12:31:21 EDT 2008  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Motorola_RAZR_V3  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Log   | Created By .XRY Version 3.6   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-04 Micro Systemation .XRY Version 3.6 |  |                             |               |   |             |
|---|--|-----------------------------|---------------|---|-------------|
| Highlights:   | <p>Acquisition started: Fri Apr 11 12:31:21 EDT 2008<br/> Acquisition finished: Fri Apr 11 12:34:34 EDT 2008</p> <p>Notification of modified case data was successful</p> <p><b>Notes:</b><br/> Case File Encryption has to be selected before Acquisition</p> |                             |               |   |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-41 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>                          | Assertion & Expected Result | Actual Result | A_IMO-41 Notification of modified device case data. | as expected |
| Assertion & Expected Result                             | Actual Result  |                             |               |   |             |
| A_IMO-41 Notification of modified device case data.     | as expected  |                             |               |   |             |
| Analysis:   | Expected results achieved  |                             |               |   |             |



## 5.2.52 CFT-IMO-07 (Motorola RAZR V3)

| Test Case CFT-IMO-07 Micro Systemation .XRY Version 3.6 |   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|---|--------------|---------------|----------------------|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|----------------|--|----------------|--|---------------|--|-------------------|-----------|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-07 Create a SIM access card via vendor documentation.   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-51 If the cellular forensic tool supports SIM access card creation then the card creation shall be completed without errors via manufacturer suggested protocols. Access cards characteristics should be consistent with vendor documentation.  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 12:38:51 EDT 2008  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | ATT_SIM   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files | Audio |  | Audio - Deleted |  | Image |  | Image - Deleted |  | Video |  | Video - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    | Maximum Length  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  | Maximum Length  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   | Missed  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   | Incoming SMS - Read   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  | Incoming Audio  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video  |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  | Audio   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted   |              |               |                      |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |                |  |                |  |               |  |                   |           |        |  |                  |  |          |  |                    |  |          |  |                    |               |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |                |  |                |  |                |  |                |  |                |  |                |                        |       |  |                 |  |       |  |                 |  |       |  |                 |

| Test Case CFT-IMO-07 Micro Systemation .XRY Version 3.6 |  |                             |               |                                |             |
|---|--|-----------------------------|---------------|--------------------------------|-------------|
| Log<br>Highlights:                                      | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 11 12:38:51 EDT 2008<br>Acquisition finished: Fri Apr 11 12:44:25 EDT 2008<br><br>Access card creation was successful                                |                             |               |                                |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-51 Access card creation.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-51 Access card creation. | as expected |
| Assertion & Expected Result                             | Actual Result  |                             |               |                                |             |
| A_IMO-51 Access card creation.                          | as expected  |                             |               |                                |             |
| Analysis:   | Expected results achieved  |                             |               |                                |             |

### 5.2.53 CFT-IMO-08 (Motorola RAZR V3)

| Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|--|-----------------|--|-------|--|-----------------|
| Case Summary:   | CFT-IMO-08 Acquire mobile device internal memory and review generated log files.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Assertions:   | A_IMO-52 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Test Date:  | Fri Apr 11 12:45:36 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Device:   | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Source Setup:   | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
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| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
| Stand-alone data files                                  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Image - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |
|   | Video - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |  |                 |  |       |  |                 |

**Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6**

|             |  |  |
|-------------|--|--|
| Log         | Created By .XRY Version 3.6                                      |  |
| Highlights: | Acquisition started: Fri Apr 11 12:45:36 EDT 2008                |  |
|             | Acquisition finished: Fri Apr 11 12:48:41 EDT 2008               |  |
|             | Creation of complete and human-readable log files was successful |  |
|             | <b>Notes:</b>  |  |
|             | XRY Log  |  |
|             | Module   | Status            Message  |
|             | -----  | -----  |
|             | MAIN   | Success            Initiating Process                                      |
|             | MAIN   | Success            .XRY Version 3.6  |
|             | MAIN   | Success            Connected to Motorola USB Modem #3 [COM11]              |
|             | MAIN   | Success            Device Name: Motorola V3                                |
|             | MAIN   | Success            CGMI Resp = [+CGMI: "Motorola CE, Copyright             |
|             | MAIN   | Success            2004"]  |
|             | MAIN   | Success            CGMM Resp = [+CGMM:                                     |
|             | MAIN   | Success            "GSM900", "GSM1800", "GSM1900", "GSM850", "MODEL=V3re"] |
|             | MAIN   | Success            CGMR Resp = [+CGMR: "R3442A_G_0E.43.08R"]               |
|             | MAIN   | Success            I3 Resp = [Motorola Mobile Phone]                       |
|             | MAIN   | Success            Starting process of GSM0707 (3.5)                       |
|             | GSM0707  | Success            Connecting  |
|             | GSM0707  | Success            Analyzing General Information                           |
|             | GSM0707  | Success            Reading General Information                             |
|             | GSM0707  | Success            Disconnecting   |
|             | MAIN   | Success            GSM0707 (3.5) completed successfully                    |
|             | MAIN   | Success            Starting process of Motorola (3.5)                      |
|             | MOTOROLA   | Success            Connecting  |
|             | MOTOROLA   | Success            Analyzing Contacts                                      |
|             | MOTOROLA   | Success            Reading Contacts ME                                     |
|             | MOTOROLA   | Success            Reading Contacts SM                                     |
|             | MOTOROLA   | Success            Analyzing Calls   |
|             | MOTOROLA   | Success            Reading Calls DC  |
|             | MOTOROLA   | Success            Reading Calls MC  |
|             | MOTOROLA   | Success            Reading Calls RC  |
|             | MOTOROLA   | Success            Analyzing Calendar                                      |
|             | MOTOROLA   | Success            Reading Calendar  |
|             | MOTOROLA   | Success            Analyzing SMS   |
|             | MOTOROLA   | Success            Reading SMS IM (6 items)                                |
|             | MOTOROLA   | Success            Disconnecting   |
|             | MAIN   | Success            Motorola (3.5) completed successfully                   |
|             | MAIN   | Success            Starting process of OBEX (3.5)                          |
|             | OBEX   | Success            Connecting  |
|             | OBEX   | Success            Connecting OBEX   |
|             | OBEX   | Success            Analyzing   |
|             | OBEX   | Success            Analyzing audio   |
|             | OBEX   | Success            Reading chare.wav                                       |
|             | OBEX   | Success            Reading french.mp3                                      |
|             | OBEX   | Success            Analyzing video   |
|             | OBEX   | Success            Reading 11-30-07_1038.3gp                               |
|             | OBEX   | Success            Reading 11-30-07_0954.3gp                               |
|             | OBEX   | Success            Reading 11-30-07_1037.3gp                               |
|             | OBEX   | Success            Analyzing picture                                       |
|             | OBEX   | Success            Reading emma-girl.jpg                                   |
|             | OBEX   | Success            Reading 11-28-07_1330.jpg                               |
|             | OBEX   | Success            Reading 11-30-07_0856.jpg                               |
|             | OBEX   | Success            Reading Sunset.jpg                                      |
|             | OBEX   | Success            Reading 11-28-07_1335.jpg                               |
|             | OBEX   | Success            Disconnecting OBEX                                      |
|             | OBEX   | Success            Disconnecting   |
|             | MAIN   | Success            OBEX (3.5) completed successfully                       |
|             | MAIN   | Success            Processing completed successfully.                      |
|             | MAIN   | Success            Total processing time: 0 minutes, 59 seconds            |
|             | MAIN   | Success            11 items read to General Information folder             |
|             | MAIN   | Success            14 items read to Contacts folder                        |
|             | MAIN   | Success            1 items read to Calendar folder                         |
|             | MAIN   | Success            6 items read to SMS folder                              |
|             | MAIN   | Success            5 items read to Pictures folder                         |

| Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6 |  |                                       |                             |               |                                  |             |
|---|--|---------------------------------------|-----------------------------|---------------|----------------------------------|-------------|
|   | MAIN   | Success 3 items read to Videos folder |                             |               |                                  |             |
|   | MAIN   | Success 2 items read to Audio folder  |                             |               |                                  |             |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-52 Device Log file output.</td> <td>as expected</td> </tr> </tbody> </table> |                                       | Assertion & Expected Result | Actual Result | A_IMO-52 Device Log file output. | as expected |
| Assertion & Expected Result                             | Actual Result  |                                       |                             |               |                                  |             |
| A_IMO-52 Device Log file output.                        | as expected  |                                       |                             |               |                                  |             |
| Analysis:   | Expected results achieved  |                                       |                             |               |                                  |             |

## 5.2.54 CFT-IMO-09 (Motorola RAZR V3)

| Test Case CFT-IMO-09 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|
| Case Summary:   | CFT-IMO-09 Acquire mobile device internal memory and review data containing foreign language characters.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Assertions:   | <p>A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-53 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</p> <p>A_IMO-54 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p>   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Test Date:  | Fri Apr 11 12:51:57 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Device:   | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video |
| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |

| Test Case CFT-IMO-09 Micro Systemation .XRY Version 3.6                                |   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|--|---|-----------------------------|---------------|--|-------------|---|-----------------|--|-------------|--|-----------------|--|-------|--|-----------------|
|  | <table border="1"> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>  | Stand-alone data files      |               |  | Audio       |   | Audio - Deleted |  | Image       |  | Image - Deleted |  | Video |  | Video - Deleted |
| Stand-alone data files   |   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Audio   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Audio - Deleted   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Image   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Image - Deleted   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Video   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
|  | Video - Deleted   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Fri Apr 11 12:51:57 EDT 2008<br/> Acquisition finished: Fri Apr 11 12:54:20 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/> Complete representation of known data via preview-pane was successful<br/> Foreign character Address book entries were acquired and properly displayed<br/> Foreign character text messages were acquired and properly displayed</p>   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-53 Acquisition of address book entries containing foreign language characters.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-54 Acquisition of outgoing text messages containing foreign language characters.</td> <td>as expected</td> </tr> </tbody> </table> | Assertion & Expected Result | Actual Result | A_IMO-38 Comparison of known device data elements via generated reports. | as expected | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected     | A_IMO-53 Acquisition of address book entries containing foreign language characters. | as expected | A_IMO-54 Acquisition of outgoing text messages containing foreign language characters. | as expected     |  |       |  |                 |
| Assertion & Expected Result  | Actual Result   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-38 Comparison of known device data elements via generated reports.               | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-39 Comparison of known device data elements via preview-pane.                    | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-53 Acquisition of address book entries containing foreign language characters.   | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| A_IMO-54 Acquisition of outgoing text messages containing foreign language characters. | as expected   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |
| Analysis:  | Expected results achieved   |                             |               |  |             |   |                 |  |             |  |                 |  |       |  |                 |

## 5.2.55 CFT-IMO-11 (Motorola RAZR V3)

| Test Case CFT-IMO-11 Micro Systemation .XRY Version 3.6 |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|---|--|--------------|---------------|----------------------|--|--|----------------|--|--------------------------------|--|-------------------|--|------------|--|---|--|---------------|--|---------------|----------|--|--|----------------|--|----------------|--|---------------|--|-------------------|-----------|--|--|--------|--|------------------|--|----------|--|--------------------|--|----------|--|--------------------|---------------|--|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|---------------------|--|-----------------------|--|-----------------------------|--|------------------------|--|--------------|--|------------------------|--------------|--|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|------------------------|--|--|-------|--|-----------------|--|-------|
| Case Summary:   | CFT-IMO-11 Acquire mobile device internal memory and review hash values for vendor supported data objects.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Assertions:   | A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.<br>A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.<br>A_IMO-56 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Tester Name:  | rpa  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Host:  | Morrisy  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Test Date:  | Fri Apr 11 12:55:41 EDT 2008   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Device:   | Motorola_RAZR_V3   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Source Setup:   | OS: WIN XP<br>Interface: cable   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table> | DATA OBJECTS | DATA ELEMENTS | Address Book Entries |  |  | Maximum Length |  | Regular Length, email, picture |  | Special Character |  | Blank Name |  | Regular Length, Deleted email - deleted picture |  | Deleted Entry |  | Foreign Entry | PIM Data |  |  | Maximum Length |  | Regular Length |  | Deleted Entry |  | Special Character | Call Logs |  |  | Missed |  | Missed - Deleted |  | Incoming |  | Incoming - Deleted |  | Outgoing |  | Outgoing - Deleted | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Unread |  | Incoming SMS - Deleted |  | Outgoing SMS |  | Outgoing SMS - Deleted |  | Incoming EMS - Read |  | Incoming EMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |  | Outgoing EMS |  | Outgoing EMS - Deleted | MMS Messages |  |  | Incoming Audio |  | Incoming Image |  | Incoming Video |  | Outgoing Audio |  | Outgoing Image |  | Outgoing Video | Stand-alone data files |  |  | Audio |  | Audio - Deleted |  | Image |
| DATA OBJECTS  | DATA ELEMENTS  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Address Book Entries                                    |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Regular Length, email, picture   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Blank Name   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Regular Length, Deleted email - deleted picture  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Foreign Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| PIM Data  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Maximum Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Regular Length   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Deleted Entry  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Special Character  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Call Logs   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Missed   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Missed - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Text Messages   |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming SMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming SMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing SMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing SMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming EMS - Unread  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Foreign EMS - Read  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing EMS   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing EMS - Deleted   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| MMS Messages  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Incoming Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing Audio   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing Image   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Outgoing Video   |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
| Stand-alone data files                                  |  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Audio  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Audio - Deleted  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |
|   | Image  |              |               |                      |  |  |                |  |                                |  |                   |  |            |  |   |  |               |  |               |          |  |  |                |  |                |  |               |  |                   |           |  |  |        |  |                  |  |          |  |                    |  |          |  |                    |               |  |  |                     |  |                       |  |                        |  |              |  |                        |  |                     |  |                       |  |                             |  |                        |  |              |  |                        |              |  |  |                |  |                |  |                |  |                |  |                |  |                |                        |  |  |       |  |                 |  |       |



| Test Case CFT-IMO-11 Micro Systemation .XRY Version 3.6                  |   |                             |                 |  |             |   |                 |  |             |
|--|---|-----------------------------|-----------------|--|-------------|---|-----------------|--|-------------|
|  | <table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>   |                             | Image - Deleted |  | Video       |   | Video - Deleted |  |             |
|  | Image - Deleted   |                             |                 |  |             |   |                 |  |             |
|  | Video   |                             |                 |  |             |   |                 |  |             |
|  | Video - Deleted   |                             |                 |  |             |   |                 |  |             |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/> Acquisition started: Fri Apr 11 12:55:41 EDT 2008<br/> Acquisition finished: Fri Apr 11 12:57:58 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/> Complete representation of known data via preview-pane was successful<br/> Device hash reporting for individual acquired data elements was successful</p> <p><b>Notes:</b><br/> SHAl and MD5 hashes were successfully calculated for pictures, video, and audio.</p> |                             |                 |  |             |   |                 |  |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-38 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-39 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-56 Device hash reporting for individual acquired data objects.</td> <td>as expected</td> </tr> </tbody> </table>                     | Assertion & Expected Result | Actual Result   | A_IMO-38 Comparison of known device data elements via generated reports. | as expected | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected     | A_IMO-56 Device hash reporting for individual acquired data objects. | as expected |
| Assertion & Expected Result  | Actual Result   |                             |                 |  |             |   |                 |  |             |
| A_IMO-38 Comparison of known device data elements via generated reports. | as expected   |                             |                 |  |             |   |                 |  |             |
| A_IMO-39 Comparison of known device data elements via preview-pane.      | as expected   |                             |                 |  |             |   |                 |  |             |
| A_IMO-56 Device hash reporting for individual acquired data objects.     | as expected   |                             |                 |  |             |   |                 |  |             |
| Analysis:  | Expected results achieved   |                             |                 |  |             |   |                 |  |             |

## 5.2.56 CFT-SIM-01 (AT&T SIM)

| Test Case CFT-SIM-01 Micro Systemation .XRY Version 3.6 |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-01 Acquire SIM over supported interfaces (e.g., PC/SC reader, proprietary reader).  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:01:20 EDT 2008   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                       | Maximum Length  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 14:01:20 EDT 2008<br>Acquisition finished: Thu Apr 3 14:05:39 EDT 2008<br><br>Media connectivity was established via supported interface  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                             | Actual Result   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.     | as expected   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.57 CFT-SIM-02 (AT&T SIM)

| Test Case CFT-SIM-02 Micro Systemation .XRY Version 3.6 |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-02 Attempt acquisition of a non-supported SIM.  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | A_SIM-24 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall have the ability to identify that the SIM is not supported.   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:07:09 EDT 2008   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT SIM   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)              | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                       | Maximum Length  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 14:07:09 EDT 2008<br>Acquisition finished: Thu Apr 3 14:08:07 EDT 2008<br><br>Identification of non-supported media was successful  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-24 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-24 Identification of non-supported SIMs. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                             | Actual Result   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-24 Identification of non-supported SIMs.          | as expected   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.58 CFT-SIM-03 (AT&T SIM)

| Test Case CFT-SIM-03 Micro Systemation .XRY Version 3.6 |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface disengagement.  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-25 If a cellular forensic tool encounters disengagement between the SIM reader and application then the application shall notify the user that connectivity has been disrupted.</p>   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:09:03 EDT 2008  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                       | Maximum Length   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:09:03 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:10:02 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Media acquisition disruption notification was successful</p>   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-25 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-25 Notification of SIM acquisition disruption. | as expected       |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                             | Actual Result  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.     | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-25 Notification of SIM acquisition disruption.    | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.59 CFT-SIM-04 (AT&T SIM)

| Test Case CFT-SIM-04 Micro Systemation .XRY Version 3.6        |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIM-04 Attempt acquisition on a password-protected SIM.  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-26 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.</p>  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Thu Apr 3 14:11:27 EDT 2008  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                              | Maximum Length   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:11:27 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:12:25 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Ability to enter PIN on protected media before acquisition was successful</p>  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-26 Password entry before acquisition for protected SIMs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-26 Password entry before acquisition for protected SIMs. | as expected       |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                                    | Actual Result  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.            | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-26 Password entry before acquisition for protected SIMs. | as expected  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.60 CFT-SIM-05 (AT&T SIM)

| Test Case CFT-SIM-05 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-05 Acquire SIM internal memory and review reported data via the preview-pane or generated reports for readability.   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p>   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:13:14 EDT 2008  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:13:14 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:14:35 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful</p>   |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |  |            |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.61 CFT-SIM-06 (AT&T SIM)

| Test Case CFT-SIM-06 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|------------------------------|-------------|--------------------------------|---------------------------------|-------------------------------|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-06 Acquire SIM internal memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-28 If a cellular forensic tool successfully completes acquisition of the target SIM then the SPN shall be presented in a human-readable format without modification.</p> <p>A_SIM-29 If a cellular forensic tool successfully completes acquisition of the target SIM then the ICCID shall be presented in a human-readable format without modification.</p> <p>A_SIM-30 If a cellular forensic tool successfully completes acquisition of the target SIM then the IMSI shall be presented in a human-readable format without modification.</p> <p>A_SIM-31 If a cellular forensic tool successfully completes acquisition of the target SIM then the MSISDN shall be presented in a human-readable format without modification.</p> |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:16:10 EDT 2008  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>  | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                              | Blank Name  |                                | Regular Length - Deleted Number |                               | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Thu Apr 3 14:16:10 EDT 2008<br>Acquisition finished: Thu Apr 3 14:17:40 EDT 2008<br><br>Media connectivity was established via supported interface<br>Readability and completeness of acquired data was successful<br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-28 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-29 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-30 Acquisition of IMSI.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-28 Acquisition of SPN. | as expected | A_SIM-29 Acquisition of ICCID. | as expected                     | A_SIM-30 Acquisition of IMSI. | as expected   |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-28 Acquisition of SPN.  | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-29 Acquisition of ICCID.  | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-30 Acquisition of IMSI.   | as expected  |                             |               |   |                |   |                   |                              |             |                                |                                 |                               |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

|   |                                 |             |
|---|---------------------------------|-------------|
| Test Case CFT-SIM-06 Micro Systemation .XRY Version 3.6 |                                 |             |
|   | A_SIM-31 Acquisition of MSISDN. | as expected |
| Analysis:   | Expected results achieved       |             |



## 5.2.62 CFT-SIM-07 (AT&T SIM)

| Test Case CFT-SIM-07 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|-------------------------------|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated Dialing Numbers (ADNs).   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-32 If a cellular forensic tool successfully completes acquisition of the target SIM then all Abbreviated Dialing Numbers (ADN) shall be presented in a human-readable format without modification.</p>   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:18:32 EDT 2008  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                               | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:18:32 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:20:08 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>All ADNs were acquired</p>  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-32 Acquisition of ADNs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-32 Acquisition of ADNs. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-32 Acquisition of ADNs.   | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

### 5.2.63 CFT-SIM-08 (AT&T SIM)

| Test Case CFT-SIM-08 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|-------------------------------|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-08 Acquire SIM internal memory and review reported Last Numbers Dialed (LND).  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-33 If a cellular forensic tool successfully completes acquisition of the target SIM then all Last Numbers Dialed (LND) shall be presented in a human-readable format without modification.</p>   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:20:59 EDT 2008  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |                               | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:20:59 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:23:22 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>LNDs were acquired</p>  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-33 Acquisition of LNDs.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-33 Acquisition of LNDs. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-33 Acquisition of LNDs.   | as expected  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |                               |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.64 CFT-SIM-09 (AT&T SIM)

| Test Case CFT-SIM-09 Micro Systemation .XRY Version 3.6                       |   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|---|-------------|---|----------------|---------------------------------------|-------------------|---------------------------------------|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-09 Acquire SIM internal memory and review reported text messages (i.e., SMS, EMS).  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-34 If a cellular forensic tool successfully completes acquisition of the target SIM then all SMS text messages shall be presented in a human-readable format without modification.</p> <p>A_SIM-35 If a cellular forensic tool successfully completes acquisition of the target SIM then all EMS text messages shall be presented in a human-readable format without modification.</p>  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:24:12 EDT 2008   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   |             |   | Maximum Length |                                       | Special Character |                                       | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   |   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Maximum Length  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:24:12 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:25:30 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>ALL text messages (SMS, EMS) were acquired</p>   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-34 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-35 Acquisition of EMS messages.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected    | A_SIM-34 Acquisition of SMS messages. | as expected       | A_SIM-35 Acquisition of EMS messages. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-34 Acquisition of SMS messages.   | as expected   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-35 Acquisition of EMS messages.   | as expected   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |   |             |   |                |                                       |                   |                                       |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.65 CFT-SIM-10 (AT&T SIM)

| Test Case CFT-SIM-10 Micro Systemation .XRY Version 3.6                       |  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|----------------|---|-------------------|---|-------------|---|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIM-10 Acquire SIM internal memory and review reported location related data (i.e., LOCI, GPRSLOCI).   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</p> <p>A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.</p> <p>A_SIM-36 If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., LOCI) shall be presented in a human-readable format without modification.</p> <p>A_SIM-37 If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., GPRSLOCI) shall be presented in a human-readable format without modification.</p> |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Thu Apr 3 14:26:05 EDT 2008  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>   | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                   | Maximum Length |   | Special Character |   | Blank Name  |   | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | <p>Created By .XRY Version 3.6<br/>Acquisition started: Thu Apr 3 14:26:05 EDT 2008<br/>Acquisition finished: Thu Apr 3 14:27:12 EDT 2008</p> <p>Media connectivity was established via supported interface<br/>Readability and completeness of acquired data was successful<br/>LOCI data was acquired<br/>GPRSLOCI data was acquired</p>   |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIM-23 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-27 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-36 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>A_SIM-37 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIM-23 SIM connectivity via supported interfaces. | as expected    | A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected       | A_SIM-36 Acquisition of LOCI information. | as expected | A_SIM-37 Acquisition of GPRSLOCI information. | as expected                     |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-23 SIM connectivity via supported interfaces.                           | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-27 Readability and completeness of acquired data via supported reports. | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-36 Acquisition of LOCI information.                                     | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIM-37 Acquisition of GPRSLOCI information.                                 | as expected  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |                |   |                   |   |             |   |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.66 CFT-SIMO-01 (AT&T SIM)

| Test Case CFT-SIMO-01 Micro Systemation .XRY Version 3.6               |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|--|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-01 Acquire SIM internal memory and review acquired data via supported generated report formats.   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 13:07:02 EDT 2008  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      |             |  | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                      |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 13:07:02 EDT 2008<br>Acquisition finished: Fri Apr 4 13:07:59 EDT 2008<br><br>Complete representation of known data via generated reports was successful   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result  | Actual Result  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.67 CFT-SIMO-02 (AT&T SIM)

| Test Case CFT-SIMO-02 Micro Systemation .XRY Version 3.6          |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|--|-----------------------------|---------------|---|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIMO-02 Acquire SIM internal memory and review acquired data via the preview-pane.   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Fri Apr 4 13:08:39 EDT 2008  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                 |             |  | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                 |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Maximum Length   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Last Numbers Dialed (LND)  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   |  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Read  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted   |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 13:08:39 EDT 2008<br>Acquisition finished: Fri Apr 4 13:09:22 EDT 2008<br><br>Complete representation of known data via preview-pane was successful  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                                       | Actual Result  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved  |                             |               |   |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.68 CFT-SIMO-03 (AT&T SIM)

| Test Case CFT-SIMO-03 Micro Systemation .XRY Version 3.6                        |   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|---|---|-----------------------------|---------------|--|----------------|---|-------------------|---|-------------|--|---------------------------------|--|---------------|-----------|---------------------------|---------------|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:   | CFT-SIMO-03 Acquire SIM internal memory and compare acquired data via the preview-pane and supported generated reports.   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:   | <p>A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-60 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:  | rpa   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:  | Morrisy   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:  | Fri Apr 4 13:09:53 EDT 2008   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:   | ATT_SIM   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:   | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      | Maximum Length |   | Special Character |   | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs | Last Numbers Dialed (LND) | Text Messages | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS  | DATA ELEMENTS   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)   | Maximum Length  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Special Character   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Blank Name  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Regular Length - Deleted Number   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Foreign Entry   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs   | Last Numbers Dialed (LND)   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages   | Incoming SMS - Read   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Foreign  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Deleted  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming SMS - Unread   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming Foreign EMS - Read   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|   | Incoming EMS - Deleted  |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:   | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 13:09:53 EDT 2008<br>Acquisition finished: Fri Apr 4 13:20:51 EDT 2008<br><br>Complete representation of known data via generated reports was successful<br>Complete representation of known data via preview-pane was successful   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:  | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-60 Compare generated reports and preview-pane views for SIM acquisition.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected    | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected       | A_SIMO-60 Compare generated reports and preview-pane views for SIM acquisition. | as expected |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result   | Actual Result   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports.          | as expected   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane.               | as expected   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-60 Compare generated reports and preview-pane views for SIM acquisition. | as expected   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:   | Expected results achieved   |                             |               |  |                |   |                   |   |             |  |                                 |  |               |           |                           |               |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.69 CFT-SIMO-04 (AT&T SIM)

| Test Case CFT-SIMO-04 Micro Systemation .XRY Version 3.6 |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|---|-----------------------------|---------------|---|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-04 After a successful SIM internal memory acquisition, after the case file via third party means and attempt to re-open the case.  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-61 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 13:37:45 EDT 2008   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1" data-bbox="418 625 1307 1035"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                 | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                        | Maximum Length  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 13:37:45 EDT 2008<br>Acquisition finished: Fri Apr 4 13:41:01 EDT 2008<br><br>Notification of modified case data was successful<br><br><b>Notes:</b><br>Case File Encryption has to be selected before Acquisition  |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1" data-bbox="418 1350 1269 1402"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-61 Notification of modified SIM case data.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-61 Notification of modified SIM case data. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                              | Actual Result   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-61 Notification of modified SIM case data.        | as expected   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved   |                             |               |   |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |



## 5.2.70 CFT-SIMO-05 (AT&T SIM)

| Test Case CFT-SIMO-05 Micro Systemation .XRY Version 3.6               |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|---|-----------------------------|---------------|--|-------------|---|----------------|---|-------------------|---|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-05 Acquire SIM internal memory and review reports for recoverable deleted data.  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | <p>A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-62 If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted SMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification.</p> <p>A_SIMO-63 If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted EMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification.</p> |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 13:44:54 EDT 2008   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>   | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      |             |   | Maximum Length |   | Special Character |   | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                      |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Fri Apr 4 13:44:54 EDT 2008<br/>Acquisition finished: Fri Apr 4 13:46:28 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/>Complete representation of known data via preview-pane was successful<br/>Deleted SMS data was recovered<br/>Deleted EMS data was recovered</p>   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-62 Recovery of deleted SMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-63 Recovery of deleted EMS messages.</td> <td>as expected</td> </tr> </tbody> </table>   | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected    | A_SIMO-62 Recovery of deleted SMS messages. | as expected       | A_SIMO-63 Recovery of deleted EMS messages. | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result  | Actual Result   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane.      | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-62 Recovery of deleted SMS messages.                            | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-63 Recovery of deleted EMS messages.                            | as expected   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

|  |                           |
|--|---------------------------|
| Test Case CFT-SIMO-05 Micro Systemation .XRY Version 3.6 |                           |
| Analysis:  | Expected results achieved |

## 5.2.71 CFT-SIMO-06 (AT&T SIM)

| Test Case CFT-SIMO-06 Micro Systemation .XRY Version 3.6 |  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|--|--|---|---------------|-----------------------------------|----------------|-------|-------------------|------|------------|--------------------|---------------------------------|---------|------------------|-----------|---------|--|---------------------------|---------------|-----------------------|------|---------------------|-------------------------------|------------------------|---------|------------------------|-----|-----------------------|----------------------------|-----------------------------|---------|------------------------|-----|---------|--------------------------|-----|---------|------------------------|-----|---------|-----------------|-----|---------|---------------------|-----|---------|-----------------------------|-----|---------|-----------------------------|-----|---------|----------------------|-----|---------|-----------------------------|-----|---------|-----------------------------|-----|---------|---|-----|---------|---|-----|---------|--------------------------|-----|---------|-------------|-----|---------|----------------------------|
| Case Summary:  | CFT-SIMO-06 Acquire SIM internal memory and review generated log files.  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Assertions:  | A_SIMO-64 If a cellular forensic tool supports creation of log files then the application should present the log files in a human-readable format outlining the acquisition process.   |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Tester Name:   | rpa  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Test Host:   | Morrisy  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Test Date:   | Fri Apr 4 13:49:26 EDT 2008  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Device:  | ATT_SIM  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>   | DATA OBJECTS                                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN) | Maximum Length |       | Special Character |      | Blank Name |                    | Regular Length - Deleted Number |         | Foreign Entry    | Call Logs |         |  | Last Numbers Dialed (LND) | Text Messages |                       |      | Incoming SMS - Read |                               | Incoming SMS - Foreign |         | Incoming SMS - Deleted |     | Incoming SMS - Unread |                            | Incoming Foreign EMS - Read |         | Incoming EMS - Deleted |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| DATA OBJECTS   | DATA ELEMENTS  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Abbreviated Dialing Numbers (ADN)                        | Maximum Length   |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Special Character  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Blank Name   |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Regular Length - Deleted Number  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Foreign Entry  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Call Logs  |  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Last Numbers Dialed (LND)  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Text Messages  |  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Incoming SMS - Read  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Incoming SMS - Foreign   |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Incoming SMS - Deleted   |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Incoming SMS - Unread  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Incoming Foreign EMS - Read  |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
|  | Incoming EMS - Deleted   |   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Fri Apr 4 13:49:26 EDT 2008<br/>Acquisition finished: Fri Apr 4 13:51:05 EDT 2008</p> <p>Creation of complete and human-readable log files was successful</p> <p><b>Notes:</b></p> <p>XRY Log</p> <table> <thead> <tr> <th>Module</th> <th>Status</th> <th>Message</th> </tr> <tr> <th>-----</th> <th>-----</th> <th>-----</th> </tr> </thead> <tbody> <tr> <td>MAIN</td> <td>Success</td> <td>Initiating Process</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>.XRY Version 3.6</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>Connected to OMNIKEY CardMan 6121 0 []</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>Device Name: SIM Card</td> </tr> <tr> <td>MAIN</td> <td>Success</td> <td>Starting process of SIM (3.6)</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Connecting</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Connected with T0 Protocol</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Detecting SIM type</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Asking user for SIM type</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Identified as SIM Card</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Passed PIN code</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Analyzing MF folder</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Analyzing GSM Folder</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading General Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading Network Information</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading Network Information PLMN Selector</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading Network Information Forbidden PLMNs</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Analyzing Telecom Folder</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Reading SMS</td> </tr> <tr> <td>SIM</td> <td>Success</td> <td>Read 30 positions, 15 used</td> </tr> </tbody> </table> | Module                                      | Status        | Message                           | -----          | ----- | -----             | MAIN | Success    | Initiating Process | MAIN                            | Success | .XRY Version 3.6 | MAIN      | Success | Connected to OMNIKEY CardMan 6121 0 [] | MAIN                      | Success       | Device Name: SIM Card | MAIN | Success             | Starting process of SIM (3.6) | SIM                    | Success | Connecting             | SIM | Success               | Connected with T0 Protocol | SIM                         | Success | Detecting SIM type     | SIM | Success | Asking user for SIM type | SIM | Success | Identified as SIM Card | SIM | Success | Passed PIN code | SIM | Success | Analyzing MF folder | SIM | Success | Reading General Information | SIM | Success | Reading General Information | SIM | Success | Analyzing GSM Folder | SIM | Success | Reading General Information | SIM | Success | Reading Network Information | SIM | Success | Reading Network Information PLMN Selector | SIM | Success | Reading Network Information Forbidden PLMNs | SIM | Success | Analyzing Telecom Folder | SIM | Success | Reading SMS | SIM | Success | Read 30 positions, 15 used |
| Module   | Status   | Message                                     |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| -----  | -----  | -----                                       |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| MAIN   | Success  | Initiating Process                          |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| MAIN   | Success  | .XRY Version 3.6                            |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| MAIN   | Success  | Connected to OMNIKEY CardMan 6121 0 []      |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| MAIN   | Success  | Device Name: SIM Card                       |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| MAIN   | Success  | Starting process of SIM (3.6)               |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Connecting                                  |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Connected with T0 Protocol                  |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Detecting SIM type                          |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Asking user for SIM type                    |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Identified as SIM Card                      |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Passed PIN code                             |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Analyzing MF folder                         |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading General Information                 |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading General Information                 |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Analyzing GSM Folder                        |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading General Information                 |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading Network Information                 |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading Network Information PLMN Selector   |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading Network Information Forbidden PLMNs |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Analyzing Telecom Folder                    |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Reading SMS                                 |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |
| SIM  | Success  | Read 30 positions, 15 used                  |               |                                   |                |       |                   |      |            |                    |                                 |         |                  |           |         |  |                           |               |                       |      |                     |                               |                        |         |                        |     |                       |                            |                             |         |                        |     |         |                          |     |         |                        |     |         |                 |     |         |                     |     |         |                             |     |         |                             |     |         |                      |     |         |                             |     |         |                             |     |         |   |     |         |   |     |         |                          |     |         |             |     |         |                            |

| Test Case CFT-SIMO-06 Micro Systemation .XRY Version 3.6 |  |         |  |                             |               |                                |             |
|--|--|---------|--|-----------------------------|---------------|--------------------------------|-------------|
|  | SIM  | Success | Reading General Information (MSISDN numbers) |                             |               |                                |             |
|  | SIM  | Success | Read 4 positions, 1 used                     |                             |               |                                |             |
|  | SIM  | Success | Reading Network Information                  |                             |               |                                |             |
|  | SIM  | Success | Reading Contacts                             |                             |               |                                |             |
|  | SIM  | Success | Read 250 positions, 6 used                   |                             |               |                                |             |
|  | SIM  | Success | Reading Contacts (fixed numbers)             |                             |               |                                |             |
|  | SIM  | Success | Read 40 positions, 0 used                    |                             |               |                                |             |
|  | SIM  | Success | Reading Contacts (service numbers)           |                             |               |                                |             |
|  | SIM  | Success | Read 5 positions, 0 used                     |                             |               |                                |             |
|  | SIM  | Success | Reading Calls (last dialled)                 |                             |               |                                |             |
|  | SIM  | Success | Read 10 positions, 4 used                    |                             |               |                                |             |
|  | SIM  | Success | Attempting to read 02 IMEI                   |                             |               |                                |             |
|  | SIM  | Success | No IMEI Found                                |                             |               |                                |             |
|  | MAIN   | Success | SIM (3.6) completed successfully             |                             |               |                                |             |
|  | MAIN   | Success | Processing completed successfully.           |                             |               |                                |             |
|  | MAIN   | Success | Total processing time: 0 minutes, 10 seconds |                             |               |                                |             |
|  | MAIN   | Success | 9 items read to General Information folder   |                             |               |                                |             |
|  | MAIN   | Success | 6 items read to Contacts folder              |                             |               |                                |             |
|  | MAIN   | Success | 4 items read to Calls folder                 |                             |               |                                |             |
|  | MAIN   | Success | 8 items read to SMS folder                   |                             |               |                                |             |
|  | MAIN   | Success | 16 items read to Network Information folder  |                             |               |                                |             |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-64 SIM log file output.</td> <td>as expected</td> </tr> </tbody> </table> |         |  | Assertion & Expected Result | Actual Result | A_SIMO-64 SIM log file output. | as expected |
| Assertion & Expected Result                              | Actual Result  |         |  |                             |               |                                |             |
| A_SIMO-64 SIM log file output.                           | as expected  |         |  |                             |               |                                |             |
| Analysis:  | Expected results achieved  |         |  |                             |               |                                |             |

## 5.2.72 CFT-SIMO-07 (AT&T SIM)

| Test Case CFT-SIMO-07 Micro Systemation .XRY Version 3.6               |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|--|-------------|---|----------------|---|-------------------|---|-------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-07 Acquire SIM internal memory and review data containing foreign language characters.  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | <p>A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.</p> <p>A_SIMO-65 If the cellular forensic tool supports proper display of foreign language character sets then the application should present abbreviated dialing numbers (ADNs) containing foreign language characters in their native format without modification.</p> <p>A_SIMO-66 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p> |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 13:54:02 EDT 2008  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | <p>OS: WIN XP<br/>Interface: USB</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table>  | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                                      |             |   | Maximum Length |   | Special Character |   | Blank Name  |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                                      |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Maximum Length   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | <p>Created By .XRY Version 3.6<br/>Acquisition started: Fri Apr 4 13:54:02 EDT 2008<br/>Acquisition finished: Fri Apr 4 13:54:55 EDT 2008</p> <p>Complete representation of known data via generated reports was successful<br/>Complete representation of known data via preview-pane was successful<br/>ADNs containing foreign characters were acquired and properly displayed<br/>Text messages containing foreign characters were acquired and properly displayed</p>   |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-58 Comparison of known SIM data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-59 Comparison of known SIM data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-65 Acquisition of ADNs containing foreign language characters.</td> <td>as expected</td> </tr> <tr> <td>A_SIMO-66 Acquisition of text messages containing foreign</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected | A_SIMO-59 Comparison of known SIM data elements via preview-pane. | as expected    | A_SIMO-65 Acquisition of ADNs containing foreign language characters. | as expected       | A_SIMO-66 Acquisition of text messages containing foreign | as expected |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result  | Actual Result  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-58 Comparison of known SIM data elements via generated reports. | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-59 Comparison of known SIM data elements via preview-pane.      | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-65 Acquisition of ADNs containing foreign language characters.  | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-66 Acquisition of text messages containing foreign              | as expected  |                             |               |  |             |   |                |   |                   |   |             |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

|  |                           |
|--|---------------------------|
| Test Case CFT-SIMO-07 Micro Systemation .XRY Version 3.6 |                           |
|  | language characters.      |
| Analysis:  | Expected results achieved |

### 5.2.73 CFT-SIMO-08 (AT&T SIM)

| Test Case CFT-SIMO-08 Micro Systemation .XRY Version 3.6 |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|---|-----------------------------|---------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-08 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-67 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 13:56:00 EDT 2008   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                      | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Abbreviated Dialing Numbers (ADN)                        | Maximum Length  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Special Character   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Blank Name  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Regular Length - Deleted Number   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Foreign Entry   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Call Logs  |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Last Numbers Dialed (LND)   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Text Messages  |   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Foreign  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming SMS - Unread   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming Foreign EMS - Read   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|  | Incoming EMS - Deleted  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 13:56:00 EDT 2008<br>Acquisition finished: Fri Apr 4 13:57:35 EDT 2008<br><br>Remaining number of PIN attempts properly displayed was successful  |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Results:   | <table border="1"> <thead> <tr> <th>Assertion &amp; Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_SIMO-67 Display of remaining number of PIN attempts.</td> <td>as expected</td> </tr> </tbody> </table>  | Assertion & Expected Result | Actual Result | A_SIMO-67 Display of remaining number of PIN attempts. | as expected    |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertion & Expected Result                              | Actual Result   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| A_SIMO-67 Display of remaining number of PIN attempts.   | as expected   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Analysis:  | Expected results achieved   |                             |               |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |

## 5.2.74 CFT-SIMO-09 (AT&T SIM)

| Test Case CFT-SIMO-09 Micro Systemation .XRY Version 3.6 |  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
|--|--|-----------------------------|---------------|--|-------------|--|----------------|--|-------------------|--|------------|--|---------------------------------|--|---------------|-----------|--|--|---------------------------|---------------|--|--|---------------------|--|------------------------|--|------------------------|--|-----------------------|--|-----------------------------|--|------------------------|
| Case Summary:  | CFT-SIMO-09 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Assertions:  | A_SIMO-68 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Tester Name:   | rpa  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Host:   | Morrisy  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Test Date:   | Fri Apr 4 13:59:56 EDT 2008  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Device:  | ATT_SIM  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
| Source Setup:  | OS: WIN XP<br>Interface: USB<br><table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Abbreviated Dialing Numbers (ADN)</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length - Deleted Number</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Last Numbers Dialed (LND)</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Foreign</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> </tbody> </table> | DATA OBJECTS                | DATA ELEMENTS | Abbreviated Dialing Numbers (ADN)                      |             |  | Maximum Length |  | Special Character |  | Blank Name |  | Regular Length - Deleted Number |  | Foreign Entry | Call Logs |  |  | Last Numbers Dialed (LND) | Text Messages |  |  | Incoming SMS - Read |  | Incoming SMS - Foreign |  | Incoming SMS - Deleted |  | Incoming SMS - Unread |  | Incoming Foreign EMS - Read |  | Incoming EMS - Deleted |
| DATA OBJECTS   | DATA ELEMENTS  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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|  | Blank Name   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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|  | Foreign Entry  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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|  | Incoming Foreign EMS - Read  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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| Log Highlights:  | Created By .XRY Version 3.6<br>Acquisition started: Fri Apr 4 13:59:56 EDT 2008<br>Acquisition finished: Fri Apr 4 14:03:16 EDT 2008<br><br>Remaining number of PUK attempts properly displayed was successful   |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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| Assertion & Expected Result                              | Actual Result  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |
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| Analysis:  | Expected results achieved  |                             |               |  |             |  |                |  |                   |  |            |  |                                 |  |               |           |  |  |                           |               |  |  |                     |  |                        |  |                        |  |                       |  |                             |  |                        |



## About the National Institute of Justice

NIJ is the research, development, and evaluation agency of the U.S. Department of Justice. NIJ's mission is to advance scientific research, development, and evaluation to enhance the administration of justice and public safety. NIJ's principal authorities are derived from the Omnibus Crime Control and Safe Streets Act of 1968, as amended (see 42 U.S.C. §§ 3721–3723).

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#### Creating relevant knowledge and tools

1. Partner with State and local practitioners and policymakers to identify social science research and technology needs.
2. Create scientific, relevant, and reliable knowledge—with a particular emphasis on terrorism, violent crime, drugs and crime, cost-effectiveness, and community-based efforts—to enhance the administration of justice and public safety.
3. Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

#### Dissemination

4. Disseminate relevant knowledge and information to practitioners and policymakers in an understandable, timely, and concise manner.
5. Act as an honest broker to identify the information, tools, and technologies that respond to the needs of stakeholders.

#### Agency management

6. Practice fairness and openness in the research and development process.
7. Ensure professionalism, excellence, accountability, cost-effectiveness, and integrity in the management and conduct of NIJ activities and programs.

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