

	NIJ
Special	REPORT
Test Results for Mobile Device Acquisition Tool: Micro Systemation .XRY 3.6	

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810 Seventh Street N.W. Washington, DC 20531

Michael B. Mukasey
Attorney General

Jeffrey L. Sedgwick Assistant Attorney General

David W. Hagy *Director, National Institute of Justice*

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David W. Hagy

Director, National Institute of Justice

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Test Results for Mobile Device Acquisition Tool:

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 (OLES) 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.

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

Supplier: Micro Systemation

Address: Rasundavagen 1–3

108 68 Solna

Sweden

Tel: +46 (0)8–739 02 70 Fax: +46 (0)8–730 01 70 WWW: http://www.msab.com

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

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

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

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

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

	1	T
address book entries shall be presented in a human-readable format		
without modification.	1	
A_IM-12 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known graphics associated with address		
book entries shall be presented in a human-readable format without		
modification.		
A_IM-13 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known datebook, calendar, note entries shall		
be presented in a human-readable format without modification.		
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	3.2
of the target device then all maximum length datebook, calendar, note		
entries shall be presented in a human-readable format without		
modification.		
A_IM-15 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all call logs (incoming/outgoing) shall be		
presented in a human-readable format without modification.		
A_IM-16 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all text messages (i.e., SMS, EMS) messages		
shall be presented in a human-readable format without modification.		
A_IM–17 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated audio shall		
be presented properly without modification.		
A_IM-18 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated images shall		
be presented properly without modification.		
A_IM-19 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated video shall		
be presented properly without modification.		
A_IM-20 If a cellular forensic tool successfully completes acquisition	1	
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.		
A_IM-21 If a cellular forensic tool successfully completes acquisition	1	
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.		
A_IM-22 If a cellular forensic tool successfully completes acquisition	1	
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.		
A_SIM-23 If a cellular forensic tool provides support for connectivity	9	
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).		
A_SIM-24 If a cellular forensic tool attempts to connect to a	1	
nonsupported SIM then the tool shall have the ability to identify that the		
	1	ı

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

modification in a preview-pane view.	
A_IMO_40 If a cellular forensic tool provides a preview-pane view and	1
a generated report of the acquired data then the reports shall maintain	1
consistency of all reported data elements.	1
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.	1
A_IMO-51 If the cellular forensic tool supports SIM access card	1
creation then the card creation shall be completed without errors via	
manufacturer suggested protocols. Access cards characteristics should	
be consistent with vendor documentation.	
A_IMO-52 If the cellular forensic tool supports log creation then the	1
application should present the log files outlining the acquisition process	
in a human-readable format.	
A_IMO-53 If the cellular forensic tool supports proper display of	1
foreign language character sets then the application should present	
address book entries containing foreign language characters in their	
native format without modification.	
A_IMO–54 If the cellular forensic tool supports proper display of	1
foreign language character sets then the application should present text	
messages containing foreign language characters in their native format	
without modification.	
A_IMO–56 If the cellular forensic tool supports hashing for individual	1
data objects then the tool shall present the user with a hash value for	
each supported data object.	
A_SIMO-58 If a cellular forensic tool successfully completes	6
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.	
A_SIMO-59 If a cellular forensic tool successfully completes	6
acquisition of the SIM then the tool shall present the acquired data in a	
human-readable format without modification in a preview-pane view.	
A_SIMO-60 If a cellular forensic tool provides a preview-pane view	1
and a generated report of the acquired data then the reports shall	
maintain consistency of all reported data elements.	
A_SIMO-61 If modification is attempted to the case file or individual	1
data elements via third-party means then the tool shall provide	1
protection mechanisms disallowing or reporting data modification. A SIMO 62 If the callular forencia tool successfully completes	1
A_SIMO-62 If the cellular forensic tool successfully completes	1
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
A_SIMO-63 If the cellular forensic tool successfully completes	1
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.	<u> </u>

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

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

Table 4 Assertions Not Tested

Assertions not Tested

- **A_IMO-42** 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.
- **A_IMO-43** 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.
- **A_IMO-44** 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.
- **A_IMO-45** 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.
- **A_IMO-46** 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.
- **A_IMO-47** 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.
- **A_IMO**–48 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.

- **A_IMO-49** 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.
- **A_IMO–50** 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.
- **A_IMO–55** 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.
- **A_IMO-57** 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.
- **A_SIMO–69** 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.
- **A_SIMO-70** 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

Heading	Description	
First Line:	Test case ID, name, and version of tool tested.	
Case Summary:	Test case summary from GSM Mobile Device and	
	Associated Media Tool Specification and Test Plan Version	
	1.1.	
Assertions:	The test assertions applicable to the test case, selected from	
	GSM Mobile Device and Associated Media Tool	
	Specification and Test Plan Version 1.1.	
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)

	FT-IM-01 Micro Systemation .XRY Version 3.6	
Case		e device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:		prensic tool provides support for connectivity of
110001010110		the tool shall successfully recognize the target
		apported interfaces (e.g., cable, Bluetooth, IrDA).
	device via all vender be	Appeleda intellaces (e.g., easie, siacoccii, iisii,
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Apr 2 09:05:31 EDT 2	2008
Device:	Nokia_6101	
Source	OS: WIN XP	
Setup:	Interface: cable	
-	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	J J
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
	i L	video bereted

Test Case CF1	T-IM-01 Micro Systemation .XRY Version 3.6	
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Wed Apr 2 09:05:31 EDT 2008 Acquisition finished: Wed Apr 2 09:25:40 EDT 2008 Device connectivity was established via supported interface (i.e., cable, IrDA) Notes:	
	IrDA acquisition reported: General Phone Information, C Calendar entries all which were consistent with cable a Bluetooth acquisition not supported.	
Results:		
	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		nal memory acquisition of a non-supported mobile
Summary:	device.	
Assertions:	A_IM-02 If a cellular fo	prensic tool attempts to connect to a non-supported
		all 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 2	
Device:	Non-supported mobile dev	<i>r</i> ice
Source	OS: WIN XP	
Setup:	Interface: cable	
	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-02 Micro Systemation .XRY Version 3.6		
Highlights:	Acquisition started: Wed Apr 2 10:00:15 EDT 2008		
	Acquisition finished: Wed Apr 2 10:01:00 EDT 2008		
	Identification of non-supported devices was succes	sful	
Results:			
	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		evice internal memory acquisition and interrupt
Summary:	connectivity by interface	
Assertions:		rensic tool provides support for connectivity of
	the target device then the	ne tool shall successfully recognize the target
	device via all vendor sur	pported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool encounters disengagement between the
		nen the application shall notify the user that
	connectivity has been dis	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Apr 2 10:03:48 EDT 20	008
Device:	Nokia_6101	
Source	OS: WIN XP	
Setup:	Interface: cable	
	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: Created By .XRY Version 3.6 Acquisition started: Wed Apr 2 10:03:48 EDT 2008 Acquisition finished: Wed Apr 2 10:14:15 EDT 2008		
	Device connectivity was established via supported interface Device acquisition disruption notification was successful	
	Notes: If cable is pulled from the device interface or the device the acquisition progress bar pauses until the device cab or the phone is powered on.	_
	When the cable is pulled from the XRY hub the examiner is immediately.	s notified
Results:		
	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)

	TW 04 Migns Systemation	
Case	'-IM-04 Micro Systemation	device internal memory and review reported data
	via the preview-pane or generated reports for readability.	
Summary:		
Assertions:		rensic tool provides support for connectivity of
		he tool shall successfully recognize the target
		pported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
		he tool shall have the ability to present acquired
		-readable format via either a preview-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Apr 2 10:33:54 EDT 2	008
Device:	Nokia_6101	
Source	OS: WIN XP	
Setup:	Interface: cable	
	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
	Toyt Magaaga	outgoing - Defeted
	Text Messages	To nomina a GMC . Dood
		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	
	This respuges	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
		video - Defeced

Test Case CFT	-IM-04 Micro Systemation .XRY Version 3.6	
Log	Created By .XRY Version 3.6	
Highlights:	Acquisition started: Wed Apr 2 10:33:54 EDT 2008	
	Acquisition finished: Wed Apr 2 10:49:26 EDT 2008	
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
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
Analysis:	Expected results achieved	<u> </u>

5.2.5 CFT-IM-05 (Nokia 6101)

Test Case CFT	-IM-05 Micro Systemation	1 .XRY Version 3.6	
Case	CFT-IM-05 Acquire mobile device internal memory and review reported		
Summary:	subscriber and equipment related information (i.e., IMEI, MSISDN).		
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).		
	A_IM-04 If a cellular f	forensic tool successfully completes acquisition of	
	the target device then	the tool shall have the ability to present acquired	
	data elements in a huma	an-readable format via either a preview-pane or	
	generated report.		
	A_IM-05 If a cellular f	forensic tool successfully completes acquisition of	
	the target device then	subscriber related information shall be presented in	
	a human-readable format	without modification.	
	A_IM-06 If a cellular i	forensic tool successfully completes acquisition of	
	the target device then	equipment related information shall be presented in	
	a human-readable format	without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Apr 2 10:54:25 EDT	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: USB		
	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	
	DIM Data	Poteigh Encry	
	PIM Data	Manadanana Tanankh	
		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	
		r rucconting rays - unitedo	
		9	
		Incoming Foreign EMS - Read	
		Incoming Foreign EMS - Read Incoming EMS - Deleted	
		Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	
		Incoming Foreign EMS - Read Incoming EMS - Deleted	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image Incoming Video	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image Incoming Video Outgoing Audio	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image Incoming Video	

Test Case CFT	-IM-05 Micro Systemation .XRY Version 3.6	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By .XRY Version 3.6	
Highlights:	Acquisition started: Wed Apr 2 10:54:25 EDT 2008	
	Acquisition finished: Wed Apr 2 11:12:19 EDT 2008	
	Device connectivity was established via supported interface	
	Readability and completeness of acquired data was successful	
	MSISDN was not acquired	
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	as expected
	supported reports.	
	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)

Case	-IM-06 Micro Systemation	XPY Version 3 6	
		e device internal memory and review reported PIM	
Summary:	related data.	a device institut memer, and review repersed in	
Assertions:		prensic 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).		
	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. A_IM-07 If a cellular forensic tool successfully completes acquisition of		
	A_IM-0/ 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. 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.	
	_	rensic tool successfully completes acquisition of	
	_	all known address book entries containing special	
	_	sented in a human-readable format without	
	modification.	prensic tool successfully completes acquisition of	
	_	ll known address book entries containing blank	
	_	l in a human-readable format without modification.	
	_	prensic tool successfully completes acquisition of	
	_	all known email addresses associated with address	
	book entries shall be pr	resented in a human-readable format without	
	modification. A_IM-12 If a cellular forensic tool successfully completes acquisition of		
	_	all known graphics associated with address book	
	entries shall be presented in a human-readable format without modification. A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be		
	_	dable format without modification.	
	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.	
Tester			
	rpa		
Name:	_		
Name: Test Host:	Morrisy	2000	
Name: Test Host: Test Date:	Morrisy Thu Apr 3 08:35:59 EDT 2	2008	
Name: Test Host: Test Date: Device:	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101	2008	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP	2008	
Name: Test Host: Test Date: Device:	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable		
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable	DATA ELEMENTS	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted Outgoing	
Name: Test Host: Test Date: Device: Source	Morrisy Thu Apr 3 08:35:59 EDT 2 Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted	

	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

Highlights:

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	CFT-IM-07 Acquire mobile device internal memory and review reported call			
Summary:	logs.			
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of			
		he tool shall successfully recognize the target		
		oported interfaces (e.g., cable, Bluetooth, IrDA).		
		rensic tool successfully completes acquisition of		
		he tool shall have the ability to present acquired		
	data elements in a human-	-readable format via either a preview-pane or		
	generated report.			
	A_IM-15 If a cellular for	rensic tool successfully completes acquisition of		
	the target device then a	ll call logs (incoming/outgoing) shall be presented		
	in a human-readable forma	at without modification.		
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Thu Apr 3 09:35:35 EDT 2008			
Device:	Nokia_6101			
Source	OS: WIN XP			
Setup:	Interface: cable			
-	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		
	DIM Data	Foreigh 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 Foreign EMS - Read Incoming EMS - Deleted		
		Outgoing EMS Poleted		
	10/G Manage	Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
	Service Service States 11105	Audio		
		Audio - Deleted		
		Image		

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

5.2.8 CFT-IM-08 (Nokia 6101)

	-IM-08 Micro Systemation		
Case Case CFT		device internal memory and review reported text	
Summary:	messages.		
Assertions:		rensic tool provides support for connectivity of	
ASSELCIONS:		he tool shall successfully recognize the target	
	_	pported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of	
		he tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
	generated report.		
		rensic tool successfully completes acquisition of	
		ll text messages (i.e., SMS, EMS) messages shall be	
	presented in a human-rea	dable format without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Apr 3 09:05:39 EDT 2	008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: USB		
	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	
	7711 7	Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
	G 11 7	Special Character	
	Call Logs	Minned	
		Missed	
		Missed - Deleted	
		Incoming Pelated	
		Incoming - Deleted Outgoing	
		Outgoing - Deleted	
	Toxt Magazgag	Outgoing - Defeted	
	Text Messages	Incoming SMS - Read	
		-	
		Incoming SMS - Unread Incoming SMS - Deleted	
		Outgoing SMS - Defeted	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Waread	
		Incoming EMS - Unread Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	OKCAOTHA BUD - DETECTED	
	This riessages	Incoming Audio	
		Incoming Image	
		Incoming Image Incoming Video	
		Outgoing Audio	
		Outgoing Image	
	Chand alan 1 : 513	Outgoing Video	
	Stand-alone data files	224	
		Audio	
		Audio - Deleted Image	

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

5.2.9 CFT-IM-09 (Nokia 6101)

Test Case CF	T-IM-09 Micro Systemation		
Case	CFT-IM-09 Acquire mobile	e device internal memory and review reported MMS	
Summary:		a (i.e., text, audio, graphics, video).	
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 su	apported interfaces (e.g., cable, Bluetooth, IrDA).	
	A_IM-04 If a cellular fo	orensic tool successfully completes acquisition of	
		the tool shall have the ability to present acquired	
	data elements in a humar	n-readable format via either a preview-pane or	
	generated report.		
	A_IM-17 If a cellular fo	prensic tool successfully completes acquisition of	
		all MMS messages and associated audio shall be	
	presented properly with	out modification.	
	A IM-18 If a cellular fo	prensic tool successfully completes acquisition of	
		all MMS messages and associated images shall be	
	presented properly with		
		prensic tool successfully completes acquisition of	
		all MMS messages and associated video shall be	
	presented properly without		
	Francisco Francisco Marcon		
Tester	rpa		
Name:	170		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 10:15:44 EDT 2	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable		
secup.	DATA OBJECTS	DATA ELEMENTS	
		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	<u> </u>	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	0.11.7	Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
	Telle Hessages	Incoming SMS - Read	
		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	1201212 210 201000	
	runo messages	Indomina Audio	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	

Test Case CFT	-IM-09 Micro Systemation .	XRY Version 3.6		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
		Video - Deleted		
Log	Created By .XRY Version 3	3.6		
Highlights:	Acquisition started: Thu	Apr 3 10:15:44 EDT 2008		
	Acquisition finished: The	a Apr 3 10:39:34 EDT 2008		
	_	established via supported interface		
	Readability and completeness of acquired data was successful			
	ALL MMS messages (Audio, Image, Video) were acquired			
	Votog			
	Notes: OuickTime Version 7.4.1 was used to execute MMS attachments.			
	Quicklime version 7.4.1 \	was used to execute MMS attachments.		
Results:				
RCBUICD.	Assertion & Expected Re	sult	Actual	
			Result	
	A IM-01 Device connecti	vity via supported interfaces.	as expected	
		completeness of acquired data via	as expected	
	supported reports.	-	-	
	A_IM-17 Acquisition of	audio MMS messages.	as expected	
	A_IM-18 Acquisition of		as expected	
	A_IM-19 Acquisition of	video MMS messages.	as expected	
Analysis:	Expected results achieved	d		

5.2.10 CFT-IM-10 (Nokia 6101)

Test Case CFT	-IM-10 Micro Systemation .	XRY Version 3.6		
Case	CFT-IM-10 Acquire mobile	device internal memory and review reported stand-		
Summary:	alone multi-media data (:	i.e., audio, graphics, video).		
Assertions:		rensic tool provides support for connectivity of		
	the target device then the	ne tool shall successfully recognize the target		
	device via all vendor sup	pported interfaces (e.g., cable, Bluetooth, IrDA).		
		censic tool successfully completes acquisition of		
		ne tool shall have the ability to present acquired		
	data elements in a human-readable format via either a preview-pane or generated report.			
	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.			
		rensic tool successfully completes acquisition of		
		ll stand-alone image files shall be viewable via cation or suggested third-party application without		
	modification.	dacton of suggested third-party application without		
		rensic tool successfully completes acquisition of		
		ll stand-alone video files shall be viewable via		
		cation or suggested third-party application without		
	modification.	sacion of saggestea chira party apprication without		
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Thu Apr 3 11:56:48 EDT 20	008		
Device:	Nokia_6101			
Source	OS: WIN XP			
Setup:	Interface: cable			
	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 Outgoing EMS - Deleted		
	MMS Messages			

Test Case CFT	-IM-10 Micro Systemation .XRY Version 3.6		
	Incoming Image		
	Incoming Video		
	Outgoing Audio		
	Outgoing Image		
	Outgoing Video		
	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
	·	<u>'</u>	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 11:56:48 EDT 2008		
	Acquisition finished: Thu Apr 3 12:09:33 EDT 2008		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	ALL stand-alone data files (Audio, Image, Video) were acquired		
	And Stand-atone data files (Addio, Image, Video) were acquired		
	Notes:		
	OuickTime Version 7.4.1 was used to execute stand-alone file	es.	

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	as expected	
	supported reports.		
	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	CFT-IMO-01 Acquire mobile device internal memory and review reported data		
Summary:	via supported generated r		
Assertions:	A_IMO-38 If a cellular forensic tool successfully completes acquisition of		
110001010110	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 2	2008	
Device:	Nokia 6101		
Source	OS: WIN XP		
Setup:	Interface: cable		
_	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	
	ı 	Incoming EMS - Deleted	
	ı 	Outgoing EMS	
	ı 	Outgoing EMS - Deleted	
	MMS Messages		
	IIID MODBAGOS	Incoming Audio	
		Incoming Image	
	, 	Incoming Image Incoming Video	
		Outgoing Audio	
		Outgoing Audio Outgoing Image	
		Outgoing Image Outgoing Video	
	Stand-alone data files	Outgoing video	
	Scand-arone data files	Audio	
	ı 	Audio - Deleted	
	ı 	Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	I		
Log	Created By .XRY Version 3	₹ 6	

Test Case CFT	-IMO-01 Micro Systemation .XRY Version 3.6	
Highlights:	Acquisition started: Fri Apr 11 08:40:04 EDT 2008	
	Acquisition finished: Fri Apr 11 09:06:33 EDT 2008	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-38 Comparison of known device data elements via	as expected
	generated reports.	
Analysis:	Expected results achieved	

5.2.12 CFT-IMO-02 (Nokia 6101)

Test Case CFT	-IMO-02 Micro Systemation	.XRY Version 3.6	
Case		e device internal memory and review reported data	
Summary:	via the preview-pane.	and to to a top of the date	
Assertions:	1 1	prensia tool suggessfully completes aggrisition of	
ASSELCIONS.	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		
		w-patte view.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 09:12:33 EDT 2	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable		
	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		
	0011 2032	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 - Wead 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	
	Ohand alam 2 i Si2	Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		,1000 D010000	
Log	Created By .XRY Version 3		

Test Case CFT	-IMO-02 Micro Systemation .XRY Version 3.6	
Highlights:	Acquisition started: Fri Apr 11 09:12:33 EDT 2008	
	Acquisition finished: Fri Apr 11 09:25:20 EDT 2008	
	Complete representation of known data via preview-pane was	s successful
Results:		
	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:		supported generated reports.		
Assertions:		prensic tool successfully completes acquisition of		
ASSELCIONS.	the target device then the tool shall present the acquired data without			
	modification via supported generated report formats. A_IMO-39 If a cellular forensic tool successfully completes acquisition the target device then the tool shall present the acquired data without			
	modification in a preview			
	_	orensic tool provides a preview-pane view and a		
		acquired data then the reports shall maintain		
	consistency of all repor	ted data elements.		
Mastan Namat				
Tester Name:	rpa			
Test Host:	Morrisy	2000		
Test Date:	Fri Apr 11 09:26:40 EDT	2008		
Device:	Nokia_6101			
Source	OS: WIN XP			
Setup:	Interface: cable			
	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		
	DIM Date	roreigh Entry		
	PIM Data	** '		
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
	Tene Hebbageb	Incoming SMS - Read		
		Incoming SMS - Unread Incoming SMS - Deleted		
		Ÿ		
		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	3 3		
	I I I I I I I I I I I I I I I I I I I	Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
	1 1	Video		

Test Case CFT	-IMO-03 Micro Systemation .XRY Version 3.6	
	Video - Deleted	
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr 11 09:26:40 EDT 2008 Acquisition finished: Fri Apr 11 09:40:51 EDT 2008 Complete representation of known data via generated reports to Complete representation of known data via preview-pane was so Consistency between generated reports and preview-pane was so	uccessful
Results:		
	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		
Case	CFT-IMO-04 After a successful mobile device internal memory acquisition,		
Summary:	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	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Hadress Been Energe	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	The state of the s	
	Terro Hebbageb	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 Timage Outgoing Video	
	Stand-alone data files	Outgoing viaco	
	Scand arone data riles	Audio	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	İ		

Test Case CFT	Test Case CFT-IMO-04 Micro Systemation .XRY Version 3.6				
Highlights:	Acquisition started: Fri Apr 11 09:42:14 EDT 2008				
	Acquisition finished: Fri Apr 11 10:05:25 EDT 2008				
	Notification of modified case data was successful				
	Notes: Case File Encryption has to be selected before acquisition.				
Results:					
	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)

SIM access card via vendor documentation. lular forensic tool supports SIM access card creation ion shall be completed without errors via manufacturer. Access cards characteristics should be consistent tation.
lular forensic tool supports SIM access card creation ion shall be completed without errors via manufacturer . Access cards characteristics should be consistent
ion shall be completed without errors via manufacturer . Access cards characteristics should be consistent
ion shall be completed without errors via manufacturer . Access cards characteristics should be consistent
. Access cards characteristics should be consistent
tation.
EDT 2008
DATA ELEMENTS
es
Maximum Length
Regular Length, email, picture
Special Character Blank Name
Regular Length, Deleted email - deleted picture
Deleted Entry
Foreign Entry
Maximum Length
Regular Length
Deleted Entry
Special Character
Missed
Missed - Deleted
Incoming
5
Incoming - Deleted
Outgoing
Outgoing - Deleted
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
Incoming Audio
Incoming Image
Incoming Video
Outgoing Audio
Outgoing Image
Outgoing Video
iles
Audio
Audio - Deleted
Image
Image - Deleted
Video
Video - Deleted

Test Case CFT	-IMO-07 Micro Systemation .XRY Ver	rsion 3.6		
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr 11	11:00:15 EDT 2008	3	
	Acquisition finished: Fri Apr 11 11:02:23 EDT 2008			
	Access card creation was successful			
Results:				
	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)

	T-IMO-08 Micro Systemation		
Case	CFT-IMO-08 Acquire mobile device internal memory and review generated log		
Summary:	files.		
Assertions:			
		ent the log files outlining the acquisition process	
	in a human-readable form	mat.	
Tester	rpa		
Jame:			
est Host:	Morrisy		
Test Date:	Fri Apr 11 11:04:15 EDT	2008	
evice:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable		
	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	LOTOTAIL BITCLY	
	FIN Data	Maximum Length	
		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	
		3 3	
	MMC Magaza	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 Poloted	
	1.1	Video - Deleted	
		•	

```
Test Case CFT-IMO-08 Micro Systemation .XRY Version 3.6
              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
             XRY Log
             Module Status
                                   Message
             MATN
                    Success
                                   Initiating Process
              MAIN
                     Success
                                    .XRY Version 3.6
                                    Connected to SoftGSM NG USB Modem #5 [COM9]
             MAIN
                    Success
             MAIN Success
                                   Device Name: Nokia 6101
                                   CGMI Resp = [Nokia]
             MAIN
                     Success
             MAIN
                     Success
                                    CGMM Resp = [Nokia 6101]
             MATN
                    Success
                                   CGMR Resp = [V 03.3508-06-05RM-76(c) Nokia.]
             MATN
                     Success
                                   I3 Resp = [Nokia 6101]
             MAIN
                                   Starting process of GSM0707 (3.1)
                     Success
             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
             FRUS
                                   Analyzing
                     Success
             FBUS
                     Success
                                    Reading General Information
             FBUS
                                   Analyzing Contacts ME
                     Success
             FBUS
                     Success
                                    Reading Contacts
             FBUS
                     Success
                                   Analyzing Contacts SM
             FBUS
                     Success
                                   Reading Contacts
              FBUS
                     Success
                                   Analyzing Calls
             FRIIS
                                   Reading Calls
                     Success
              FBUS
                     Success
                                   Reading Calls
              FBUS
                     Success
                                   Reading Calls
             FBUS
                     Success
                                    Analyzing Calendar
             FBUS
                     Success
                                   Reading Calendar
             FBUS
                     Success
                                   Analyzing SMS
             FRUS
                     Success
                                   Reading SMS
                                   Reading Inbox
             FRUS
                     Success
                                   Reading Sent items
             FBUS
                     Success
             FBUS
                                   Reading Saved text msgs.
                     Success
             FBUS
                     Success
                                   Reading Templates
             FBUS
                     Success
                                   Reading Outbox
             FBUS
                     Success
                                   Reading Outbox
              FBUS
                     Success
                                   Analyzing Tasks
             FRIIS
                     Success
                                   Analyzing Notes
              FBUS
                     Success
                                   Reading Notes
              FBUS
                     Success
                                   Analyzing Files
             FBUS
                     Success
                                    Analyzing predefgallery
                                   Analyzing predefgallery/predeftones
             FBUS
                     Success
             FBUS
                     Success
                                   Analyzing predefgallery/predeftones/predefringtones
             FRUS
                     Success
                                   Analyzing predefgallery/predeftones/predefalerttones
             FRUS
                     Success
                                   Analyzing predefgallery/predefgraphics
             FBUS
                     Success
                                   Analyzing
             predefgallery/predefgraphics/predefwallpapers
                                   Analyzing
              FBUS
                     Success
             predefgallery/predefgraphics/predefscreensavers
              FBUS
                     Success
                                Analyzing predefgallery/predefgraphics/predefcliparts
              FBUS
                     Success
                                   Analyzing predefgallery/predefgraphics/predefframes
             FBUS
                     Success
                                   Analyzing
             predefgallery/predefgraphics/predefpresencelogo
             FRUS
                                   Analyzing predefgallery/predefthemes
                     Success
             FBUS
                                    Analyzing predefgallery/predefthemeactive
                     Success
             FBUS
                     Success
                                   Analyzing
              predefgallery/predefthemeactive/themes_setup1
                                   Analyzing predefgallery/predefphotos
              FBUS
                     Success
             FBUS
                     Success
                                    Analyzing predefgallery/predefvideos
```

Test Case CFT-IMO-0	8 Micro System	mation .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 Analyzing predefomadm/01/01
FBUS FBUS	Success Success	Analyzing predefomadm/01/01 Analyzing predefomadm/01/02
FBUS	Success	Analyzing predefomadm/01/02 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/predefpbimgs
FBUS FBUS	Success Success	Analyzing predefhiddenfolder/predefvoicemodels Analyzing predefhiddenfolder/predefvoiceprompts
FBUS	Success	Analyzing predefiniddenfolder/predefwvlogos
FBUS	Success	Analyzing predefinddenfolder/predefmenus
FBUS	Success	Analyzing predefinenuapps
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 FBUS	Success	Analyzing predeftemp
FBUS	Success Success	Analyzing predeffiledownload 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 Success	Reading Jig.mid Reading Low.mid
FBUS FBUS	Success	Reading Low.mid Reading Nokia tune.mid
FBUS	Success	Reading Norta tune.mid Reading Norturnal.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 Syste	emation .XRY	Version 3.6
FBU			Message 3.mid
FBU	S Success		Message 4.mid
FBU	S Success	Reading	Splash.jpg
FBU	S Success	Reading	Flower.jpg
FBU	S Success	_	Marbles.jpg
FBU			Mountains.jpg
FBU			Pink.jpg
FBU			Colors.jpg
FBU		_	Golden Years.jpg
FBU		_	Goldfish.jpg Vintage.jpg
FBU FBU		_	Cells.gif
FBU		_	Neon.gif
FBU			Clip-art05.gif
FBU			Clip-art06.gif
FBU			Clip-art01.gif
FBU	S Success	Reading	Clip-art02.gif
FBU	S Success	Reading	Clip-art03.gif
FBU			Clip-art04.gif
FBU		_	Clip-art07.gif
FBU		_	Clip-art08.gif
FBU		_	Clip-art09.gif
FBU		_	Clip-art10.gif
FBU		_	Frame01.gif
FBU		_	Frame02.gif
FBU FBU			Frame03.gif Frame04.gif
FBU		_	Frame05.gif
FBU		_	Frame06.gif
FBU		_	Frame07.gif
FBU		_	Frame08.gif
FBU			Frame09.gif
FBU	S Success		Frame10.gif
FBU	S Success	Reading	Pres_01.gif
FBU	S Success	Reading	Pres_02.gif
FBU	S Success		Pres_04.gif
FBU			Pres_03.gif
FBU			Pres_05.gif
FBU			Pres_06.gif
FBU			Pres_07.gif
FBU		_	Pres_08.gif
FBU FBU		_	Pres_09.gif Pres_10.gif
FBU		_	Window.nth
FBU		_	Circle.nth
FBU		_	Basic.nth
FBU		_	themes.ini
FBU		_	theme_descriptor.xml
FBU			Window_ss.gif
FBU			Window_wp.jpg
FBU			Window_wp_mini.jpg
FBU	S Success		Nokia_tune.mid
FBU			large_thumbnail.gif
FBU			small_thumbnail.gif
FBU			Window_bk_mini.png
FBU			Window_bk.png
FBU			Sunset.jpg
FBU		_	emma.jpg
FBU			Video000.3gp
FBU FBU			Video001.3gp chare.wav
FBU			french.mp3
FBU			SuiteConf.xml
FBU			bootstrap_app_no_network
FBU			USER_DATA
FBU		Reading	—
FBU		Reading	
FBU		Reading	
FBU		Reading	
FBU	S Success	Reading	0.1

Test Case CFT-IMO-0	08 Micro Systema	tion .XRY Version 3.6
FBUS	Success	Reading 01
FBUS	Success	Reading HLOG
FBUS	Success	Reading 01
FBUS		Reading kqq_en_zh-CN_zh-TW.jad
FBUS		Reading kgg_en_zh-CN_zh-TW.jar
FBUS		Reading soli_en_zh-CN_zh-TW.jad
FBUS		Reading soli_en_zh-CN_zh-TW.jar
FBUS		Reading gtour_en_zh-CN_zh-TW.jad
FBUS		Reading gtour_en_zh-CN_zh-TW.jar
FBUS		Reading pipe_en_zh-CN_zh-TW.jad
FBUS		Reading pipe_en_zh-CN_zh-TW.jar
FBUS		Reading _jmr_suite_list_file.jmr
FBUS		Reading _jmr_suite_attrib_file.jmr
FBUS		Reading _jmr_suite_contents_file.jmr
FBUS		Reading jps_connection_registry_file.reg
FBUS		Reading jps_timer_registry_file.reg
FBUS		Reading UPF_General_data
FBUS		Reading UPF_Silent_data
FBUS		Reading UPF_Meeting_data
FBUS		Reading UPF_Outdoor_data
FBUS		Reading UPF_Mystyle1_data
FBUS		Reading UPF_Mystyle2_data
FBUS		Reading wvl.gif
FBUS	Success	Reading wv2.gif
FBUS		Reading wv3.gif
FBUS	Success	Reading wv4.gif
FBUS	Success	Reading PBImg.jpeg
FBUS	Success	Reading PBImg000.jpeg
FBUS	Success	Reading emcl3_en_zh-CN_zh-TW.jad
FBUS	Success	Reading emcl3_en_zh-CN_zh-TW.jar
FBUS		Reading 6 34631B47250 22+12404213651 •
	=PLMN1	
FBUS	Success =PLMN1	Reading C 34631DE1250 22+12404213651 •
FBUS	Success	Reading 9 34631C7A250 22+12404213651 •
	=PLMN1	_
FBUS	Success	Reading 1 34630EE6210 202404470381 TYPE=PLMN1
FBUS	Success	Reading 2 3463109B210 202404470381 TYPE=PLMN1
FBUS		Reading 3 346315A2210 202404470381 TYPE=PLMN1
FBUS		Reading CYRL2WfUgTu4D7Ocy.hdr
FBUS		Reading CYRL2WIUgTu4D7OCy.ndr Reading CYRL2WfUgTu4D7Ocy.dat
		Reading C2LZoveTPg9GgyzDF.hdr
FBUS	Success	
FBUS	Success	Reading C2LZoveTPg9GqyzDF.dat
FBUS		Disconnecting
MAIN		FBUS (3.1) completed successfully
MAIN		Processing completed successfully.
MAIN		Total processing time: 10 minutes, 11 seconds
MAIN		13 items read to General Information folder
MAIN		17 items read to Contacts folder
MAIN		5 items read to Calendar folder
MAIN		2 items read to Notes folder
MAIN		36 items read to SMS folder
MAIN		6 items read to MMS folder
MAIN		56 items read to Pictures folder
MAIN		2 items read to Videos folder
MAIN		24 items read to Audio folder
MAIN	Success	48 items read to Files folder
Results:	ertion & Expecte	ed Result Actual Result
	MO-52 Device Log	
	22 22 200 100	,
And I was a second second		at a constant
Analysis: Expe	cted results ach	iteved

5.2.17 CFT-IMO-09 (Nokia 6101)

Test Case CFT	-IMO-09 Micro Systemation	1 .XRY Version 3.6			
Case	CFT-IMO-09 Acquire mobile device internal memory and review data containing				
Summary:	foreign language characters.				
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.				
	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 previous				
		r forensic tool supports proper display of foreign			
		then the application should present address book			
	without modification.	ign language characters in their native format			
		r forensic tool supports proper display of foreign			
		then the application should present text messages			
		uage characters in their native format without			
	modification.	g			
Tester	rpa				
Name:					
Test Host:	Morrisy				
Test Date:	Fri Apr 11 11:26:14 EDT	2008			
Device:	Nokia_6101				
Source	OS: WIN XP				
Setup:	Interface: cable				
	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	Mandaum Tanada			
		Maximum Length			
		Regular Length			
		Deleted Entry Special Character			
	Call Logs	Special character			
	Call Logs	Missed			
		Missed - Deleted			
		Incoming			
		Incoming - Deleted			
		Outgoing			
		Outgoing - Deleted			
	Text Messages	Subjected Defected			
	Tene hebbageb	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	2.1.302113 2.1.0 2010000			
	Tanb ricbbages	Incoming Audio			
		Incoming Image			
		Incoming Video			
		Outgoing Audio			
		Outgoing Audio Outgoing Image			
		Outgoing Image Outgoing Video			
		Outgoing video			

Test Case CFT	-IMO-09 Micro Systemation .XRY	Version 3.6		
	Stand-alone data files			
	Au	dio		
	Au	dio - Deleted		
	Im	age		
	Im	age - Deleted		
		deo		
	Vi	deo - Deleted		
T	Guarted Dec VDV Visualiza 2.6			
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr	11 11:26:14 EDT 2009		
підпітупсь.	Acquisition started: FIT Apr Acquisition finished: Fri Apr			
	Acquisicion limished. Ill Api	11 11 2000		
	Complete representation of known data via generated reports was successful			
	Complete representation of known data via preview-pane was successful			
	Foreign character Address book entries were acquired and properly displayed			
	Foreign character text messag	ges were acquired and properly di	splayed	
Results:				
	Assertion & Expected Result		Actual Result	
	A_IMO-38 Comparison of known generated reports.	n device data elements via	as expected	
	A_IMO-39 Comparison of known preview-pane.	n device data elements via	as expected	
		ress book entries containing	as expected	
		going text messages containing	as expected	
	Torergn ranguage characters.			
Analysis:	Expected results achieved			

5.2.18 CFT-IMO-11 (Nokia 6101)

Test Case CFT-IMO-11 Micro Systemation .XRY Version 3.6				
Case	CFT-IMO-11 Acquire mobile device internal memory and review hash values for			
Summary:	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. 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 previe			
		forensic tool supports hashing for individual data all present the user with a hash value for each		
	supported data object.	all present the user with a hash value for each		
	supported data object.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Fri Apr 11 11:48:13 EDT	2008		
Device:	Nokia_6101			
Source	OS: WIN XP			
Setup:	Interface: cable			
	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		
	DIM Data	Foreign Entry		
	PIM Data	Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs	bpcciai character		
	0011 1095	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	ourdoing was - betared		
	Pirio riessages	Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Audio Outgoing Image		
		Outgoing Timage Outgoing Video		
	Stand-alone data files	000301113 V1000		
		Audio		
		Audio - Deleted		
		Image		
	<u> </u>			

Test Case CFT	-IMO-11 Micro Systemation .XRY Version 3.6	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By .XRY Version 3.6	
Highlights:	Acquisition started: Fri Apr 11 11:48:13 EDT 2008 Acquisition finished: Fri Apr 11 12:01:34 EDT 2008	
	Complete representation of known data via generated reports Complete representation of known data via preview-pane was Device hash reporting for individual acquired data elements Notes: SHA1 and MD5 hashes were successfully calculated for picturand stand-alone files.	successful s was successful
Results:		
	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	on 3.6	
Case	CFT-SIM-01 Acquire SIM over supporte	ed interfaces (e.g	., PC/SC reader,
Summary:	proprietary reader).		
Assertions:	A_SIM-23 If a cellular forensic too the target SIM then the tool shall via all vendor supported interfaces reader).	successfully recog	nize the target SIM
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 12:32:32 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Characte	er
		Blank Name	
		Regular Length -	- Deleted Number
		Foreign Entry	
	Call Logs	3 -	
		Last Numbers Dia	aled (LND)
	Text Messages		, ,
		Incoming SMS - F	Read
		Incoming SMS - F	
		Incoming SMS - I	-
		Incoming SMS - U	
		Incoming Foreign	
		Incoming EMS - I	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 12:33		
	Acquisition finished: Thu Apr 3 12:	36:57 EDT 2008	
	Media connectivity was established	via supported inte	rface
Results:	Describing a Formation of		3 ml - 2 - 2 - 1
	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	n 3.6	
Case	CFT-SIM-02 Attempt acquisition of a non-supported SIM.		
Summary:	or zer ve noompo doquestoron os a non susperson serv		
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	OS: WIN XP		
Setup:	Interface: USB		
-	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	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 12:38		
	Acquisition finished: Thu Apr 3 12:4	40:04 EDT 2008	
	Identification of non-supported med:	ia was successful	
Results:		,	
	Assertion & Expected Result	Actual Result	
	A_SIM-24 Identification of non-supported SIMs. as expected		
Analysis:	Expected results achieved		
	<u> </u>		

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

Test Case CFT	Case CFT-SIM-03 Micro Systemation .XRY Version 3.6			
Case	CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface			
Summary:	disengagement.			
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). 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.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu Apr 3 12:41:18 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	<u> </u>		
		Maximum Length		
		Special Character	<u> </u>	
		Blank Name		
		Regular Length -	Deleted Number	
		Foreign Entry		
	Call Logs			
Last Numbers Dialed (LND			led (LND)	
	Text Messages			
		Incoming SMS - Re		
		Incoming SMS - Fo		
		Incoming SMS - De		
		Incoming SMS - Ur Incoming Foreign		
		Incoming EMS - De		
		THEOMITING EMS - De	Eleced	
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 12:41 Acquisition finished: Thu Apr 3 12:4			
	Media connectivity was established wedia acquisition disruption notific			
Results:				
	Assertion & Expected Result		Actual Result	
	A_SIM-23 SIM connectivity via suppo		as expected	
	A_SIM-25 Notification of SIM acquis	sition disruption.	as expected	
Analysis:	Expected results achieved			

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

Test Case CFT	est Case CFT-SIM-04 Micro Systemation .XRY Version 3.6			
Case	CFT-SIM-04 Attempt acquisition on a password-protected SIM.			
Summary:				
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). 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.	opportunity to imput the	e PIN Deloie	
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu Apr 3 12:44:22 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delet	ed Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (L	ND)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -		
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 12:44 Acquisition finished: Thu Apr 3 12:44			
	Media connectivity was established v	via supported interface		
	Ability to enter PIN on protected me		as successful	
	.7			
Results:				
	Assertion & Expected Result Actual Result			
	A_SIM-23 SIM connectivity via suppo	orted interfaces.	as expected	
	A_SIM-26 Password entry before acquisition for protected as expessions.			
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	CFT-SIM-05 Acquire SIM internal memory and review reported data via the			
Summary:	preview-pane or generated reports for readability.			
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			
	<pre>via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader).</pre>			
	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 eit	ther preview-pane or ge	nerated	
	report.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu Apr 3 12:47:19 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
	Ma	aximum Length		
	Sı	pecial Character		
		lank Name		
	Re	egular Length - Deleted	l Number	
	Fo	oreign Entry		
	Call Logs			
	La	ast Numbers Dialed (LNI))	
	Text Messages			
	Ir	Incoming SMS - Read		
		ncoming SMS - Foreign		
		ncoming SMS - Deleted		
	Ir	ncoming SMS - Unread		
		ncoming Foreign EMS - F	Read	
	Ir	ncoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 12:47:19) FDT 2008		
niigniiignes.	Acquisition finished: Thu Apr 3 12:48:1			
	Acquisition limished. Thu Apr 3 12.48.10 ED1 2008			
	Media connectivity was established via	supported interface		
	Readability and completeness of acquire			
	•			
Results:				
	Assertion & Expected Result		Actual Result	
	A_SIM-23 SIM connectivity via supporte	ed interfaces.	as expected	
	A_SIM-27 Readability and completeness		as expected	
	supported reports.			
Analysis:	Expected results achieved			

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

Test Case CFT	-SIM-06 Micro Systemation .XRY Version	on 3.6			
Case	CFT-SIM-06 Acquire SIM internal mem	ory and review reported su			
Summary:	equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of				
	the target SIM then the tool shall				
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary				
	reader). 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.				
	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.				
	A_SIM-29 If a cellular forensic too	l successfully completes a	acquisition of		
	the target SIM then the ICCID shall	be presented in a human-	readable format		
	without modification.	_			
	A_SIM-30 If a cellular forensic too	l successfully completes a	acquisition of		
	the target SIM then the IMSI shall				
	without modification.				
	A_SIM-31 If a cellular forensic too	l successfully completes a	acquisition of		
	the target SIM then the MSISDN shall				
	format without modification.	i be presented in a naman	readable		
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu Apr 3 12:49:21 EDT 2008				
Device:	TMOBILE_SIM				
Source	OS: WIN XP				
Setup:	Interface: USB				
secup.		DATA ELEMENTS			
	DATA OBJECTS	DATA ELEMENTS			
	Abbreviated Dialing Numbers (ADN)	25 1 2 11			
		Maximum Length			
		Special Character			
		Blank Name			
		Regular Length - Delete	d Number		
		Foreign Entry			
	Call Logs				
		Last Numbers Dialed (LN	D)		
	Text Messages				
		Incoming SMS - Read			
		Incoming SMS - Foreign			
		Incoming SMS - Deleted			
		Incoming SMS - Unread			
		Incoming Foreign EMS -	Read		
		Incoming EMS - Deleted			
		THEOMITING PAID - Detected			
Ì					
Log	Created By .XRY Version 3.6				
Highlights:	Acquisition started: Thu Apr 3 12:4	9:21 EDT 2008			
	Acquisition finished: Thu Apr 3 12:4				
	Acquisicion illitalieu. Illu Apr 3 12.	22.03 EDI 2000			
	Media connectivity was established	wia supported interface			
	Readability and completeness of acqui				
	All subscriber-related data (i.e.,		was acquired		
	AII Subscriber related data (1.e.,	DIN, ICCID, IMBI, MBISDN)	was acdatted		
Results:					
veparry.	Assertion & Expected Result		Actual		
	Assertion & Expected Result				
	2 974 92 974	. 1	Result		
	A_SIM-23 SIM connectivity via supp		as expected		
	A_SIM-27 Readability and completen	ess of acquired data via	as expected		
	supported reports.				
	A_SIM-28 Acquisition of SPN. as expected				
	A_SIM-29 Acquisition of ICCID. as expe		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	Test Case CFT-SIM-07 Micro Systemation .XRY Version 3.6			
Case	CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated			
Summary:	Dialing Numbers (ADNs).			
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).			
	A_SIM-27 If a cellular forensic tool		_	
	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.			
	A_SIM-32 If a cellular forensic tool the target SIM then all Abbreviated		_	
	presented in a human-readable format	-	iii be	
	presented in a numan-readable format	without modification.		
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu Apr 3 12:58:47 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
_	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
	, ,	Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - 1	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 12:58			
	Acquisition finished: Thu Apr 3 13:0	13:19 EDL 2008		
	Media connectivity was established v	ria gupportod interface		
	Readability and completeness of acqu			
	All ADNs were acquired	dired data was successiui		
	All ADNS were acquired			
Results:				
	Assertion & Expected Result		Actual	
			Result	
	A_SIM-23 SIM connectivity via supported interfaces. as expect			
	A_SIM-27 Readability and completen		as expected	
	supported reports.			
	A_SIM-32 Acquisition of ADNs. as expected			
Analysis:	Expected results achieved			

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

Test Case CFT	Test Case CFT-SIM-08 Micro Systemation .XRY Version 3.6			
Case	CFT-SIM-08 Acquire SIM internal memory and review reported Last Numbers			
Summary:	Dialed (LND).			
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).			
	A_SIM-27 If a cellular forensic tool		_	
	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.			
	A_SIM-33 If a cellular forensic tool		_	
	the target SIM then all Last Numbers	_	resented in a	
	human-readable format without modif:	ication.		
Tester Name:	rna			
Test Host:	rpa Morrisy			
Test Date:	Thu Apr 3 13:03:20 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
becap.	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	DATA BEBREATO		
	TESTEVIACEA STATING NUMBERS (ADN)	Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
			a Number	
	Call Logg	Foreign Entry		
	Call Logs	Logt Numbers Dieled (IM	D.)	
	Torrt Maggagag	Last Numbers Dialed (LN	D)	
	Text Messages	Indomina CMC Dood		
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - Read Incoming EMS - Deleted		
		incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 13:03	3:20 EDT 2008		
3 3	Acquisition finished: Thu Apr 3 13:0			
	Media connectivity was established v	via supported interface		
	Readability and completeness of acqu	uired data was successful		
	LNDs were acquired			
Results:	Tanantian A Tana : 1 = 2:		3	
	Assertion & Expected Result		Actual	
	2 GTM 02 GTM name at initial		Result	
	A_SIM-23 SIM connectivity via supp		as expected	
	A_SIM-27 Readability and completen	ess of acquired data via	as expected	
	supported reports.			
	A_SIM-33 Acquisition of LNDs.		as expected	
Anolica: -:	Ermogted magnity ashiered			
Analysis:	Expected results achieved			

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

Test Case CFT	-SIM-09 Micro Systemation .XRY Version	on 3.6	
Case	CFT-SIM-09 Acquire SIM internal memory and review reported text messages		
Summary:	(i.e., SMS, EMS).		
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, prop	orietary
	reader).		
	A_SIM-27 If a cellular forensic tool successfully completes acquisition of		
	the target SIM then the tool shall h		
	data in a human-readable format via	either preview-pane or ge	eneraced
	report. A_SIM-34 If a cellular forensic tool successfully completes acquisition of		
	the target SIM then all SMS text mes		
	readable format without modification	-	III a IIamaii
	A_SIM-35 If a cellular forensic tool		cquisition of
	the target SIM then all EMS text mea		
	readable format without modification		
Tester Name:	rpa .		
Test Host:	Morrisy		
Test Date: Device:	Thu Apr 3 13:05:15 EDT 2008 TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Doodp	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (LN	D)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 13:09	5:15 EDT 2008	
	Acquisition finished: Thu Apr 3 13:06:41 EDT 2008		
	Media connectivity was established v		
	Readability and completeness of acqu		
	ALL text messages (SMS, EMS) were ac	cquired	
Results:			
TODALOD.	Assertion & Expected Result		Actual
			Result
	A_SIM-23 SIM connectivity via supported interfaces.		as expected
	A_SIM-27 Readability and completen		as expected
	supported reports.	_	-
	A_SIM-34 Acquisition of SMS message	es.	as expected
	A_SIM-35 Acquisition of EMS message		as expected
Analysis:	Expected results achieved		

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

Test Case CFT	Test Case CFT-SIM-10 Micro Systemation .XRY Version 3.6			
Case CFT-SIM-10 Acquire SIM internal memory and review reported location related				
Summary:	data (i.e., LOCI, GPRSLOCI).			
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).			
	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.			
	A_SIM-36 If a cellular forensic tool	successfully completes a	conjugition of	
	the target SIM then all location rel			
	presented in a human-readable format	, , ,		
	A_SIM-37 If a cellular forensic tool	successfully completes a	cquisition of	
	the target SIM then all location rel	ated data (i.e., GRPSLOCI) shall be	
	presented in a human-readable format	without modification.		
Tester Name: Test Host:	Morriey			
Test Host:	Morrisy Thu Apr 3 13:07:17 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
2004	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	0)	
	Text Messages	Transmire CMC Dood		
		Incoming SMS - Read		
		Incoming SMS - Foreign Incoming SMS - Deleted		
		Incoming SMS - Defeted Incoming SMS - Unread		
		Incoming Foreign EMS - I	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 13:07			
	Acquisition finished: Thu Apr 3 13:0	08:37 EDT 2008		
	Modia gannagtivity was astablished	ria gupported interface		
	Media connectivity was established value Readability and completeness of acqu			
	LOCI data was acquired	arred data was successful		
	GPRSLOCI data was acquired			
Results:				
	Assertion & Expected Result		Actual	
			Result	
	A_SIM-23 SIM connectivity via suppo		as expected	
	A_SIM-27 Readability and completene	ess of acquired data via	as expected	
	supported reports.			
	A_SIM-36 Acquisition of LOCI information. as expect			
	A_SIM-37 Acquisition of GPRSLOCI in	niormation.	as expected	
Analysis:	Expected results achieved			
· 111011 1 2 1 2 1 .	Pubececa reparts actives			

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

Test Case CF1	G-SIMO-01 Micro Systemation .XRY Versi	ion 3.6	
Case	CFT-SIMO-01 Acquire SIM internal memory and review acquired data via		
Summary:	suported generated report formats.		
Assertions:	A_SIMO-58 If a cellular forensic to	ol 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.		
Toaton	7000		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 4 09:34:17 EDT 2008		
Device:	TMOBILE SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
becap.	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
	TEST CITATES PLATING NAME OF (ADN)	Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	ed Number
		Foreign Entry	sa wanser
	Call Logs	roreign miery	
	Call Bogs	Last Numbers Dialed (LI	AD)
	Text Messages	Dase Nambers Stated (III	(AB)
	Incoming SMS - Read		
	Incoming SMS - Foreign		
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Read
		Incoming EMS - Deleted	- Troud
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Fri Apr 4 09:34:17 EDT 2008		
	Acquisition finished: Fri Apr 4 09:38:27 EDT 2008		
	Complete representation of known da	ta via generated reports	was successful
Results:			
vepairs.	Assertion & Expected Result		Actual
	Appendion a Expedited Result		Result
	A_SIMO-58 Comparison of known SIM	data elements via	as expected
	qenerated reports.	data elements via	as expected
	generated reports.		
Analysis:	Expected results achieved		
	1		

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

Test Case CF	I-SIMO-02 Micro Systemation .XRY Versi	ion 3.6	
Case	CFT-SIMO-02 Acquire SIM internal memory and review acquired data via the		
Summary:	preview-pane.		
Assertions:	A_SIMO-59 If a cellular forensic tool successfully completes acquisition		
	the target media (i.e., SIM) then the		
	in a human-readable format without m	modification via support	ed generated
	report formats.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri Apr 4 09:43:50 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delet	ed Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (I	LND)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	ı
		Incoming SMS - Deleted	ì
		Incoming SMS - Unread	
		Incoming Foreign EMS -	- Read
		Incoming EMS - Deleted	i
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Fri Apr 4 09:43		
	Acquisition finished: Fri Apr 4 09:44:54 EDT 2008		
	Complete representation of known data via preview-pane was successful		
	and the same and t	Faring Mas	
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-59 Comparison of known SIM	data elements via	as expected
	preview-pane.		
Analysis:	Expected results achieved	_	

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

Test Case CFT	-SIMO-03 Micro Systemation .XRY Vers	ion 3.6		
Case	CFT-SIMO-03 Acquire SIM internal men	mory and compare acquired	data via the	
Summary:	preview-pane and supported generate	d reports.		
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition the target media (i.e., SIM) then the tool shall present the acquired of in a human-readable format without modification via supported generated report formats. A_SIMO-59 If a cellular forensic tool successfully completes acquisition			
	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.		. 5	
	A_SIMO-60 If a cellular forensic tool provides a preview-pane view generated report of the acquired data then the reports shall maint consistency of all reported data elements.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Fri Apr 4 09:56:06 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - 1	Read	
		Incoming EMS - Deleted		
_				
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr 4 09:5 Acquisition finished: Fri Apr 4 09:			
	Complete representation of known da Complete representation of known da			
Results:	Assertion & Expected Result		Actual Result	
	A_SIMO-58 Comparison of known SIM generated reports.	data elements via	as expected	
	A_SIMO-59 Comparison of known SIM preview-pane.	data elements via	as expected	
	A_SIMO-60 Compare generated report for SIM acquisition.	s and preview-pane views	as expected	
Analysis:	Expected results achieved			

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

Test Case CFT	-SIMO-04 Micro Systemation .XRY Versi	on 3.6		
Case	CFT-SIMO-04 After a successful SIM internal memory acquisition, aftter the			
Summary:	case file via third party means and attempt to re-open the case.			
Assertions:	A_SIMO-61 If modification is attemp	ted to the case	file or individual	data
	elements via third-party means then	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	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMEN	ITS	
	Abbreviated Dialing Numbers (ADN)			
		Maximum Lengt	h	
		Special Chara	icter	
		Blank Name		
		Regular Lengt	h - Deleted Number	
		Foreign Entry	7	
	Call Logs			
		Last Numbers	Dialed (LND)	
	Text Messages		· ·	
		Incoming SMS	- Read	
		Incoming SMS		
		Incoming SMS		
		Incoming SMS		
			eign EMS - Read	
		Incoming EMS		
		THEOMETHY HAD	Defected	
Loq	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 4 10:0	0:20 EDT 2008		
5 5	Acquisition finished: Fri Apr 4 10:00:20 EDT 2008			
	Acquisicion finished. Fil Api 4 10.01.43 EDI 2000			
	Notification of modified case data was successful			
	THE PROPERTY OF MODIFIED SAFE WAS THE PROPERTY.			
	Notes:			
	Case File Encryption has to be selected before Acquisition			
Results:				
	Assertion & Expected Result		Actual Result	
	A_SIMO-61 Notification of modifed	SIM case data.	as expected	
Analysis:	Expected results achieved			
	_			

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

	-SIMO-05 Micro Systemation .XRY Versi	on 3.6	
Case	CFT-SIMO-05 Acquire SIM internal mer	mory and review reports f	or recoverable
Summary:	deleted data.		
Assertions:	A_SIMO-58 If a cellular forensic too	ol successfully completes	acquisition of
	the target media (i.e., SIM) then the	ne tool shall present the	acquired data
	in a human-readable format without modification via supported generated		
	report formats.		
	A_SIMO-59 If a cellular forensic too	ol successfully completes	acquisition of
	the target media (i.e., SIM) then the	ne tool shall present the	acquired data
	in a human-readable format without modification via supported generated		
	report formats.		
	A_SIMO-62 If the cellular forensic t	cool successfully complet	es acquisition
	of the target SIM and recoverable de	eleted SMS messages exist	then the tool
	shall present recoverable deleted da	ata in a human-readable f	ormat without
	modification.		
	A_SIMO-63 If the cellular forensic t	cool successfully complet	es acquisition
	of the target SIM and recoverable de	eleted EMS messages exist	then the tool
	shall present recoverable deleted da	ata in a human-readable f	ormat without
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri Apr 4 10:23:58 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	ed Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (LN	JD)
	Text Messages	,	· ·
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Poad
		Incoming EMS - Deleted	Read
		Incoming EMS - Defected	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Fri Apr 4 10:23	8:58 EDT 2008	
mightighes.	Acquisition finished: Fri Apr 4 10:2		
		23.00 EDI 2000	
	Acquisición limishea. Fil Apr 1 10.		
		a via generated reports	was successful
	Complete representation of known date		
	Complete representation of known data Complete representation of known data		
	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered		
	Complete representation of known data Complete representation of known data		
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered		
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered		
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered		uccessful
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered	ca via preview-pane was s	uccessful Actual
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM of	ca via preview-pane was s	Actual Result
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM of generated reports.	ta via preview-pane was s	Actual Result as expected
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM of generated reports. A_SIMO-59 Comparison of known SIM of SIMO-59 Comparison of known SIMO-59 Comparison of	ta via preview-pane was s	Actual Result
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM preview-pane.	data elements via	Actual Result as expected as expected
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM preview-pane. A_SIMO-62 Recovery of deleted SMS in	data elements via	Actual Result as expected as expected as expected
Results:	Complete representation of known dat Complete representation of known dat Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM preview-pane.	data elements via	Actual Result as expected as expected

Test Case CF	T-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 System	macion .ARI version 3.6	
Case	CFT-SIMO-06 Acquire	e SIM internal memory and review generated log files.	
Summary:	2 0710 64 75 13		
Assertions:		lular forensic tool supports creation of log files then	
	the application should present the log files in a human-readable format outlining the acquisition process.		
	outlining the acqui	isition process.	
Tester Name:	rna		
Test Host:			
	Morrisy Fri Apr 4 10:40:22 EDT 2008		
Test Date: Device:	TMOBILE_SIM	EDI 2006	
	_		
Source	OS: WIN XP		
Setup:	Interface: USB DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Diali		
		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:		d: Fri Apr 4 10:40:22 EDT 2008	
-	Acquisition started Acquisition finished		
-	Acquisition started Acquisition finished	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008	
-	Acquisition started Acquisition finished Creation of complet	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008	
-	Acquisition started Acquisition finished Creation of complete Notes:	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful	
-	Acquisition started Acquisition finished Creation of complet Notes: XRY Log Module Status	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 []	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status MAIN Success	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6)	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process IXRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process Initiating Process Iter Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Identified as SIM Card	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success SIM Success	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code	
-	Acquisition started Acquisition finished Creation of complete Motes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success SIM Success	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process Initiating Process Ite Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success SIM Success	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Analyzing GSM Folder	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Analyzing GSM Folder Reading General Information	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading Network Information	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process Initi	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process Initiating Process Iter Name: SIM Card Starting process of SIM (3.6) Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Reading General Information Reading General Information Reading Network Information Reading Network Information PLMN Selector Reading Network Information Forbidden PLMNs	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading Network Information Reading Network Information PLMN Selector Reading Network Information Forbidden PLMNs Analyzing Telecom Folder	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success SIM Success	d: Fri Apr 4 10:40:22 EDT 2008 ed: Fri Apr 4 10:43:03 EDT 2008 te and human-readable log files was successful Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Reading General Information Reading Network Information Reading Network Information PLMN Selector Reading Network Information Forbidden PLMNs Analyzing Telecom Folder Reading SMS	
-	Acquisition started Acquisition finished Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading Network Information Reading Network Information PLMN Selector Reading Network Information Forbidden PLMNs Analyzing Telecom Folder	

Test Case CFT	-SIMO-06	Micro Systemat	ion .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:			
		tion & Expected	
	A_SIM	O-64 SIM log fi	le output. as expected
Analysis:	Evneate	ed results achie	aved.
Analysis.	EVACCE	ed results active	eveu

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

Test Case CF1	S-SIMO-07 Micro Systemation .XRY Vers	ion 3.6	
Case	CFT-SIMO-07 Acquire SIM internal me	mory and review data conta	aining foreign
Summary:	language characters.		
Assertions:	A_SIMO-58 If a cellular forensic to	ol successfully completes	acquisition of
	the target media (i.e., SIM) then the		
	in a human-readable format without modification via supported generated		
	report formats.		
	A_SIMO-59 If a cellular forensic to	ol successfully completes	acquisition of
	the target media (i.e., SIM) then the	he tool shall present the	acquired data
	in a human-readable format without modification via supported generated		
	report formats.		
	A_SIMO-65 If the cellular forensic tool supports proper display of foreign		
	language character sets then the app		
	dialing numbers (ADNs) containing f	oreign language character:	s in their
	native format without modification.		
	A_SIMO-66 If the cellular forensic		
	language character sets then the ap		
	containing foreign language characte	ers in their native forma	t without
	modification.		
Шольон			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 4 12:43:30 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
υς εαρ.	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)	DATA BEBRENTS	
	Abbreviated Dialing Numbers (ADN)	Maximum Longth	
		Maximum Length	
		Special Character	
		Blank Name	al Manuelo e se
		Regular Length - Delete	a Number
	g 11 7	Foreign Entry	
	Call Logs		- >
		Last Numbers Dialed (LN	ID)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Read
		Incoming EMS - Deleted	
Log	Created By .XRY Version 3.6	2.20 FDE 2000	
Highlights:	Acquisition started: Fri Apr 4 12:4		
	Acquisition finished: Fri Apr 4 12:	44:21 EDT 2008	
	Complete representation of known do	to wie conserted reports	waa ayaaaaafyil
	Complete representation of known da		
	Complete representation of known da ADNs containing foreign characters		
	Text messages containing foreign characters were acquired and properly displayed		r broberry
	albertarea		
Results:			
TODALOD.	Assertion & Expected Result		Actual
	I I I I I I I I I I I I I I I I I I I		Result
	A_SIMO-58 Comparison of known SIM	data elements via	as expected
	qenerated reports.	adda Elemento Ala	as evhenced
	A SIMO-59 Comparison of known SIM	data elements wis	as expected
	preview-pane.	adda Elemento Ala	as evhenced
	A_SIMO-65 Acquisition of ADNs cont	aining foreign language	as expected
	characters.	arming rorergii ranguage	as evhenced
	A_SIMO-66 Acquisition of text mess	ages containing forcies	ag evportod
	L Y DIMO-00 WCANTRICTON OF CEXT MESS	ages concarning roreigh	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 Versi	on 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. A SIMO-67 If a gellular forensig tool provides the examiner with the		
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	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - De	eleted Number
		Foreign Entry	
	Call Logs		
	Last Numbers Dialed (LND)		(LND)
	Text Messages		
		Incoming SMS - Read	1
		Incoming SMS - Fore	eign
		Incoming SMS - Dele	eted
		Incoming SMS - Unre	ead
		Incoming Foreign EM	IS - Read
		Incoming EMS - Dele	eted
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Fri Apr 4 12:46		
	Acquisition finished: Fri Apr 4 12:4	18:08 EDT 2008	
_	Remaining number of PIN attempts properly displayed was successful		
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-67 Display of remaining num	oer 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 Versi	ion 3.6	
Case	CFT-SIMO-09 Begin acquisition on a	SIM whose PIN attempt	s have been
Summary:	exhausted to determine if the tool provides an accurate count of the		
	remaining number of PUK attempts and	d if the PUK attempts	are decremented
	when entering an incorrect value.		
Assertions:	A_SIMO-68 If a cellular forensic to	ol provides the exami	ner with the
	remaining number of PUK attempts then the application should provide an		
	accurate count of the remaining PUK attempts.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri Apr 4 14:11:34 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - De	eleted Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed	I (LND)
	Text Messages		(==== /
		Incoming SMS - Read	1
		Incoming SMS - Fore	
		Incoming SMS - Dele	
		Incoming SMS - Unre	
		Incoming Foreign EM	
		Incoming EMS - Dele	
		THEOMITING HAD DETE	. ccu
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Fri Apr 4 14:11:34 EDT 2008		
	Acquisition finished: Fri Apr 4 14:1		
	Acquisition finished: Fri Apr 4 14:12:44 EDT 2008		
	Remaining number of PUK attempts pro	operly displayed was	successful
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-68 Display of remaining num	ber of PUK attempts.	as expected
Analysis:	Expected wegults askisued		
wiginary.	Expected results achieved		

5.2.38 CFT-IM-01 (Motorola RAZR V3)

Case Summary: 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: Test Host: Test Date: Device: Motorisy Source Setup: Motorisy Interface: cable, Bluetooth DATA OBJECTS Address Book Entries Maximum Length Regular Length, email, picture Special Character Blank Name	Test Case CFT	-IM-01 Micro Systemation	.XRY Version 3.6
(e.g., cable, Bluetooth, IFDA).		CFT-IM-01 Acquire mobile	e device internal memory over supported interfaces
Assertions: A. Mi-Ol 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, ITDA Teat Host: Teat Name: Teat Date: Morrisy Teat Date: Motorola_RAZR_V3 Source Setup: OS: WIN XP InterfaceS Book Entries Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Blank Name Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Data Maximum Length Regular Length Regul	Summary:		
the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, ITDA Test Host: Morrisy Test Date: Wording Park Vision Working Wording Park Vision			
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA Test Host: Test Host: Motorisy Test Date: Motorola_RAZR_V3 Source Setup: Motorola_RAZR_V3 Source Setup: Interface: cable, Bluetooth DATA OBJECTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Blank Name Regular Length, Deleted Entry Foreign Entry PIM Data Regular Length Regular			
Test Name: Test Host: Morrisy Test Date: Device: Notroila_RAZR_V3 Source Setup: OS: WIN XP Interface: cable, Bluetooth DATA OBJECTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Regular Length, Deleted email - deleted picture Regular Length Poreign Entry PIM Data Regular Length Deleted email - deleted picture Regular Length, Deleted email - deleted email - deleted picture Regular Length, Deleted email - deleted email - deleted email - deleted email - deleted email			
Test Date: Med Apr 9 08:12:43 EDT 2008			
Test Ned Apr 9 08:12:43 EDT 2008	Tester Name:	rpa	
Device: Motorola_RAZE_V3 Source Setup: OS: WIN XP Interface: cable, Bluetooth DATA OBJECTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture PIM Data Regular Length Regular Length PIM Data Maximum Length Regular Length PIM Data Maximum Length Regular Length PIM Data Missed Missed - Deleted Entry Special Character Call Logs Missed Missed - Deleted Throming - Deleted Throming - Deleted Throming - Deleted Throming SMS - Read Incoming SMS - Deleted Throming Image Throming I	Test Host:	Morrisy	
Device: Motorola_RAZE_V3 Source Setup: OS: WIN XP Interface: cable, Bluetooth DATA OBJECTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture PIM Data Regular Length Regular Length PIM Data Maximum Length Regular Length PIM Data Maximum Length Regular Length PIM Data Missed Missed - Deleted Entry Special Character Call Logs Missed Missed - Deleted Throming - Deleted Throming - Deleted Throming - Deleted Throming SMS - Read Incoming SMS - Deleted Throming Image Throming I	Test Date:	Wed Apr 9 08:12:43 EDT 2	2008
Interface: cable, Bluetooth DATA OBJECTS Address Book Entries Maximum Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted pictur Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length, Deleted email - deleted pictur Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Incoming - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Untgoing SMS - Deleted Incoming EMS - Deleted Untgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing Image Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Incoming Image Image - Deleted Image - Deleted	Device:		
Address Book Entries Maximum Length Regular Length, Length, Deleted email - deleted picture Regular Length, Deleted email - deleted picture Regular Length, Deleted email - deleted picture 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 Incoming - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming Image Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image Image - Deleted Video	Source	OS: WIN XP	
Address Book Entries Maximum Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted pictur Deleted Entry Foreign Entry FIM 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 - Deleted Text Messages Incoming SMS - Deleted Incoming SMS - Deleted Text Messages Incoming SMS - Deleted Text Messages Incoming SMS - Deleted Text Messages Incoming SMS - Deleted Thoming SMS - Deleted Thoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image Image Image - Deleted Video Video Video	Setup:	Interface: cable, Blueto	ooth
Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted pictur Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Missed Incoming Incoming - Deleted Incoming Incoming - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming Info SMS - Deleted Incoming Info SMS - Deleted Incoming Info SMS - Deleted Outgoing SMS - Deleted Stand-alone data files Audio Dutgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Video Video Video		DATA OBJECTS	DATA ELEMENTS
Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry FIM 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 - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Stand-alone data files Audio - Deleted Image Image Image - Deleted Video Video		Address Book Entries	
Special Character Blank Name Regular Length, Deleted email - deleted pictur Deleted Entry Foreign Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed - Deleted Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming MS - Deleted Incoming Inage Incoming Image Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted			Maximum Length
Regular Length, Deleted email - deleted pictur 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 Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted Image Image - Deleted			
Regular Length, Deleted email - deleted pictur Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Incoming - Deleted Incoming - Deleted Outgoing - Deleted Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted			Special Character
PIM Data Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Incoming Incoming Incoming Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Wiread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing Image Incoming Video Outgoing Video Stand-alone data files Audio Audio Deleted Image Image - Deleted Video			
PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Was - Deleted Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing EMS Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Stand-alone data files Audio			Regular Length, Deleted email - deleted picture
PIM Data Maximum Length			-
Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Inage - Deleted Image Image - Deleted			Foreign Entry
Regular Length Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image Image Image - Deleted		PIM Data	
Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Audio Outgoing Madio Stand-alone data files Audio - Deleted Image Image - Deleted Video			Maximum Length
Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image - Deleted Image - Deleted Image - Deleted			Regular Length
Call Logs Missed - Deleted Incoming Incoming - Deleted Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing SMS Outgoing SMS Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image Image - Deleted			Deleted Entry
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 - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio - Deleted Image			Special Character
Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image Image - Deleted Image Image - Deleted		Call Logs	
Incoming Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Peleted Incoming EMS - Peleted Incoming EMS - Peleted Incoming EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Stand-alone data files Audio Audio - Deleted Image Image - Deleted Image - Deleted			
Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Noreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Image - Deleted Video			Missed - Deleted
Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Video			
Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Outgoing EMS - Outgoing EMS Outgoing EMS -			Incoming - Deleted
Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Audio Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted Image - Deleted			
Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Image Incoming Video Outgoing Video Stand-alone data files Audio Audio - Deleted Image Imag			Outgoing - Deleted
Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Stand-alone data files Audio Audio - Deleted Image		Text Messages	
Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image - Deleted			
Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Stand-alone data files Audio Audio - Deleted Image Image - Deleted Image - 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 Audio Stand-alone data files Audio Audio - Deleted Image - Deleted			
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 Image Outgoing Image Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
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 Image Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted Video			
Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			2
Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Iwage Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video	İ		-
Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Iwage Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
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			
Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video		NAC We w	Outgoing EMS - Deleted
Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video		MMS Messages	Township or 2012
Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			
Audio Audio - Deleted Image Image - Deleted Video			Outgoing Video
Audio - Deleted Image Image - Deleted Video		Stand-alone data files	
Image Image - Deleted Video			
Image - Deleted Video			
Video			
Video - Deleted	İ		
			Video - Deleted
Log Created By .XRY Version 3.6	Log	Created By .XRY Version	3.6

Test Case CFT	-IM-01 Micro Systemation .XRY Version 3.6	
Highlights:	Acquisition started: Wed Apr 9 08:12:43 EDT 2008 Acquisition finished: Wed Apr 9 08:19:21 EDT 2008 Device connectivity was established via supported inter Bluetooth) Notes: IrDA acquisition not supported.	face (i.e., cable,
Results:		
	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)

cro Systemation .XRY Version 3.6
22 Attempt internal memory acquisition of a non-supported mobile
Tf a gallular farancia tool attempts to servest to a servest
If a cellular forensic tool attempts to connect to a non-supported
then the tool shall have the ability to identify that the device is corted.
orcea.
9 08:24:21 EDT 2008
ported mobile device
XP
ce: cable
BJECTS DATA ELEMENTS
s Book Entries
Maximum Length
Regular Length, email, picture
Special Character
Blank Name
Regular Length, Deleted email - deleted picture
Deleted Entry
Foreign Entry
ta Totaligh Emery
Maximum Length
Regular Length
Deleted Entry
Special Character
ogs
Missed
Missed - Deleted
Incoming
Incoming - Deleted
Outgoing
Outgoing - Deleted
essages
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
ssages
Incoming Audio
Incoming Image
Incoming Video
Outgoing Audio
Outgoing Image
Outgoing Video
alone data files
Audio
Audio - Deleted
Image
Image - Deleted
Video
Video - Deleted
VIGCO DETECCO
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		
	Acquisition finished: Wed Apr 9 08:26:27 EDT 2008		
	Identification of non-supported devices was succes	sful	
Results:			
	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)

-IM-03 Micro Systemation .	XRY Version 3.6
	evice internal memory acquisition and interrupt
	rensic tool provides support for connectivity of
	he tool shall successfully recognize the target
	pported interfaces (e.g., cable, Bluetooth, IrDA).
A_IM-03 If a cellular for	rensic tool encounters disengagement between the
device and application th	hen the application shall notify the user that
connectivity has been dis	srupted.
rpa	
Morrisy	
Wed Apr 9 08:34:52 EDT 20	008
Motorola_RAZR_V3	
OS: WIN XP	
Interface: cable	
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	Special character
carr rogs	Missed
	Missed - Deleted
	Incoming
	Incoming - Deleted
	Outgoing
	Outgoing - Deleted
Text Messages	oudgeing belood
100000000000000000000000000000000000000	Incoming SMS - Read
	Incoming SMS - Unread
	Incoming SMS - Deleted
	Outgoing SMS
	Outgoing SMS - Deleted
	Incoming EMS - Read
	Incoming EMS - Varied
	Incoming EMS - Unread Incoming Foreign EMS - Read
	Incoming Foreign EMS - Read Incoming EMS - Deleted
	Outgoing EMS - Deleted
MMC Moggogo	Outgoing EMS - Deleted
MIMS Messages	To combine 2 and a
	Incoming Audio
	Incoming Image
	Incoming Video
	Outgoing Audio
	Outgoing Image
	Outgoing Video
Stand-alone data files	
	Audio
	Audio - Deleted
	Image
	Image - Deleted
	Video
	Video Video - Deleted
	CFT-IM-03 Begin mobile deconnectivity by interface A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-03 If a cellular for device and application to connectivity has been disconnectivity has been disconnected has been disconnected him disconnected has been disconnected him disconnected has been disconnected him di

Test Case CFT	-IM-03 Micro Systemation .XRY Version 3.6	
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Wed Apr 9 08:34:52 EDT 2008 Acquisition finished: Wed Apr 9 08:35:24 EDT 2008 Device connectivity was established via supported interface acquisition disruption notification was successful	
Results:		
	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		device internal memory and review reported data
Summary:		generated reports for readability.
Assertions:		rensic tool provides support for connectivity of
110001010110	_	ne tool shall successfully recognize the target
		pported interfaces (e.g., cable, Bluetooth, IrDA).
		censic tool successfully completes acquisition of
	_	ne tool shall have the ability to present acquired
	=	-readable format via either a preview-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Apr 9 08:37:15 EDT 20	008
Device:	Motorola_RAZR_V3	
Source	OS: WIN XP	
Setup:	Interface: cable	
-	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	roleigh Encry
	PIM Data	Maximum Length
		-
		Regular Length
		Deleted Entry
	0.11.7	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	Outgoing video
	Stand-alone data files	744
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IM-04 Micro Systemation .XRY Version 3.6	
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Wed Apr 9 08:37:15 EDT 2008 Acquisition finished: Wed Apr 9 08:39:25 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Notes: Test case performed over supported Bluetooth interface productions with the cable acquisition.	ced consistent
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
Analysis:	Expected results achieved	

5.2.42 CFT-IM-05 (Motorola RAZR V3)

Test Case CET	-IM-05 Micro Systemation	
Case		e device internal memory and review reported
Summary:	_	t related information (i.e., IMEI, MSISDN).
Assertions:		orensic tool provides support for connectivity of
	the target device then	the tool shall successfully recognize the target
		upported interfaces (e.g., cable, Bluetooth, IrDA).
	_	orensic tool successfully completes acquisition of
	_	the tool shall have the ability to present acquired
		n-readable format via either a preview-pane or
	generated report.	
		orensic tool successfully completes acquisition of subscriber related information shall be presented in
	a human-readable format	-
		orensic tool successfully completes acquisition of
		equipment related information shall be presented in
	a human-readable format	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Apr 9 08:42:29 EDT	2008
Device:	Motorola_RAZR_V3	
Source Setup:	OS: WIN XP Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA BELLENIUS
	Hadress Book Energe	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	Minus A
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing 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
	Oband alam data 513	Outgoing Video
	Stand-alone data files	

Test Case CFT	-IM-05 Micro Systemation .XRY Version 3.6	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
		_
Log	Created By .XRY Version 3.6	
Highlights:	Acquisition started: Wed Apr 9 08:42:29 EDT 2008	
	Acquisition finished: Wed Apr 9 08:45:38 EDT 2008	
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, IMEI) we	ere acquired
	Notes: Test case performed over supported Bluetooth interface productions with the cable acquisition.	ced consistent
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	as expected
	supported reports.	
	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)

rest case CF	T-IM-06 Micro Systemation	.XRY Version 3.6
Case		e device internal memory and review reported PIM
Summary:	related data.	
Assertions:	A_IM-01 If a cellular fo	prensic tool provides support for connectivity of
	the target device then t	the tool shall successfully recognize the target
		apported interfaces (e.g., cable, Bluetooth, IrDA).
		prensic tool successfully completes acquisition of
	_	the tool shall have the ability to present acquired
		n-readable format via either a preview-pane or
	generated report.	
		prensic tool successfully completes acquisition of
	a human-readable format	all known address book entries shall be presented in
		prensic tool successfully completes acquisition of
		all known maximum length address book entries shall
	_	-readable format without modification.
		prensic tool successfully completes acquisition of
		all known address book entries containing special
		sented in a human-readable format without
	modification.	
	A_IM-10 If a cellular fo	prensic tool successfully completes acquisition of
	the target device then a	all known address book entries containing blank
	_	d in a human-readable format without modification.
		prensic tool successfully completes acquisition of
	_	all known email addresses associated with address
	_	resented in a human-readable format without
	modification.	
		prensic tool successfully completes acquisition of all known graphics associated with address book
		ted in a human-readable format without modification.
		prensic tool successfully completes acquisition of
		all known datebook, calendar, note entries shall be
		adable format without modification.
	_	prensic tool successfully completes acquisition of
		renate coor accessinity completes acquisition or
		all maximum length datebook, calendar, note entries
		all maximum length datebook, calendar, note entries
Tester		all maximum length datebook, calendar, note entries
Name:	shall be presented in a	all maximum length datebook, calendar, note entries
Name: Test Host:	shall be presented in a rpa Morrisy	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date:	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification. DATA ELEMENTS Maximum Length
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Maximum Length Maximum Length Maximum Length Maximum Length Maximum Length Maximum Length Maximum Length Maximum Length
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length, Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Special Character
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Character Blank Name Regular Length Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Special Character
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Special Character Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Maximum Length Regular Length Maximum Length Regular Length Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Animum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted Outgoing
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Apr 9 08:55:23 EDT 2 Motorola_RAZR_V3 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Animum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character

Test Case CF	F-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	
	·	-
	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 produces with the cable acquisition.	
Results:	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 producesults with the cable acquisition. Assertion & Expected Result	Actual
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected
Results:	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 produce with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries.	Actual Result as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book	Actual Result as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. ASSERTION & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters.	Actual Result as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a	Actual Result as expected as expected as expected as expected as expected
Results:	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 produce results with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. ASSERTION & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. ASSERTION & EXPECTED RESULT A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. ASSERTION & EXPECTED RESULT A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
Results:	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 producesults with the cable acquisition. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected

5.2.44 CFT-IM-07 (Motorola RAZR V3)

3.2.44 Of 1-IM-07 (Motorola NAZIV VS)			
Test Case CFT	-IM-07 Micro Systemation		
Case		device internal memory and review reported call	
Summary:	logs.		
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).		
	A_IM-04 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then t	he tool shall have the ability to present acquired	
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
	A_IM-15 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then a	ll call logs (incoming/outgoing) shall be presented	
	in a human-readable form	at without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Apr 9 10:06:46 EDT 2	008	
Device:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	INCHES BOOM EMOTICS	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	
	Maria Maria	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			
	Image - Deleted			
	Video			
	Video - Deleted			
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Wed Apr 9 10:06:46 EDT 2008			
	Acquisition finished: Wed Apr 9 10:09:01 EDT 2008			
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired			
	<u>Motes</u> : 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	as expected		
	supported reports.			
	A_IM-15 Acquisition of call logs.	as expected		
Analysis:	Expected results achieved			

5.2.45 CFT-IM-08 (Motorola RAZR V3)

	3.2.43 Of 1-101-00 (MOTOFOIA TAZIT VO)			
	-IM-08 Micro Systemation			
Case	CFT-IM-08 Acquire mobile	device internal memory and review reported text		
Summary:	messages.			
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, TrDA). 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			
		-readable format via either a preview-pane or		
	generated report.			
		rensic tool successfully completes acquisition of		
		ll text messages (i.e., SMS, EMS) messages shall be		
	presented in a human-rea	dable format without modification.		
Tester	rpa			
Name:	Managhan			
Test Host:	Morrisy	000		
Test Date:	Wed Apr 9 09:35:52 EDT 2	008		
Device:	Motorola_RAZR_V3			
Source	OS: WIN XP			
Setup:	Interface: cable	Dama or memoria		
	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	outgoing persona		
		Incoming SMS - Read		
		Incoming SMS - Vnread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted Incoming EMS - Read		
		3		
		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			
1				
i		Audio - Deleted		
		Image		

Test Case CFT	-IM-08 Micro Systemation .XRY Version 3.6		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Wed Apr 9 09:35:52 EDT 2008		
	Acquisition finished: Wed Apr 9 09:39:33 EDT 2008		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	ALL text messages (SMS, EMS) were 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	as expected	
	supported reports.		
	A_IM-16 Acquisition of text messages.	as expected	
Analysis:	Expected results achieved		
	The state of the s		

5.2.46 CFT-IM-09 (Motorola RAZR V3)

Test Case CFT	-IM-09 Micro Systemation	.XRY Version 3.6		
Case	CFT-IM-09 Acquire mobile device internal memory and review reported MMS			
Summary:	multi-media related data (i.e., text, audio, graphics, video).			
Assertions:	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrD A_IM-04 If a cellular forensic tool successfully completes acquisition			
		the tool shall have the ability to present acquired n-readable format via either a preview-pane or		
	A_IM-17 If a cellular forensic tool successfully completes acquisition the target device then all MMS messages and associated audio shall be presented properly without modification.			
	_	orensic tool successfully completes acquisition of all MMS messages and associated images shall be out modification.		
	A_IM-19 If a cellular fo	orensic tool successfully completes acquisition of all MMS messages and associated video shall be		
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed Apr 9 09:41:47 EDT 2	2008		
Device:	Motorola_RAZR_V3			
Source	OS: WIN XP			
Setup:	Interface: cable			
	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	Foreign Entry		
	PIM Data	Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs	Special Character		
	Call Logs	Missed		
İ		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages	outgoing beleted		
	Text hessages	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	Judgothia Bib Defector		
İ	The Resbuges	Incoming Audio		
İ		Incoming Image		
		Incoming Video		
	I-I			

Test Case CFT	-IM-09 Micro Systemation .	XRY Version 3.6	
		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 ights: Acquisition started: Wed Apr 9 09:41:47 EDT 2008 Acquisition finished: Wed Apr 9 09:43:17 EDT 2008		
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful ALL MMS messages (Audio, Image, Video) were acquired		
	Notes: QuickTime Version 7.4.1 was used to execute MMS attachments.		
	Test case performed over results with the cable ac	supported Bluetooth interface producquisition.	ced consistent
Results:			
Results	Assertion & Expected Re	sult	Actual Result
	A_IM-01 Device connecti	vity via supported interfaces.	as expected
		completeness of acquired data via	as expected
	A_IM-17 Acquisition of	audio MMS messages.	as expected
	A_IM-18 Acquisition of		as expected
	A_IM-19 Acquisition of		as expected
Analysis:	Expected results achieved	d	

5.2.47 CFT-IM-10 (Motorola RAZR V3)

Test Case CF	-IM-10 Micro Systemation	.XRY Version 3.6			
Case	CFT-IM-10 Acquire mobile	device internal memory and review reported stand-			
Summary:	alone multi-media data (i.e., audio, graphics, video).			
Assertions:		rensic 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 A_IM-04 If a cellular forensic tool successfully completes acquisition o the target device then the tool shall have the ability to present acquir				
	data elements in a human-readable format via either a preview-pane or generated report.				
	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.				
	A_IM-21 If a cellular fo	rensic tool successfully completes acquisition of			
		ll stand-alone image files shall be viewable via			
	either an internal appli	cation or suggested third-party application without			
	modification.				
		rensic tool successfully completes acquisition of			
	the target device then a	ll stand-alone video files shall be viewable via			
	either an internal appli	cation or suggested third-party application without			
	modification.				
Tester	rpa				
Name:					
Test Host:	Morrisy				
Test Date:	Wed Apr 9 10:00:13 EDT 2	008			
Device:	Motorola_RAZR_V3				
Source	OS: WIN XP				
Setup:	Interface: cable				
	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			
	1 -	Incoming EMS - Unread			
		Incoming Foreign EMS - Read			
		Incoming Foreign EMS - Read Incoming EMS - Deleted			
		Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS			
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted			
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS			

Test Case CFT	-IM-10 Micro Systemation .X	KRY Version 3.6	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Tod	Created By .XRY Version 3.	. 6	
Highlights:	Acquisition started: Wed A		
	Acquisition finished: Wed	-	
	-	-	
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	ALL stand-alone data files (Audio, Image, Video) were acquired		
	Notes:		
	Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition.		
	results with the cable acc	quisition.	
Results:			
MCBUICS.	Assertion & Expected Res	11]+	Actual
	Assertion & Expected Res	uit.	Result
	A IM-01 Device connective	ity via supported interfaces.	as expected
		completeness of acquired data via	as expected
	supported reports.	compressions or acquired data via	as expected
	A_IM-20 Acquisition of st	tand-alone audio files.	as expected
		tand-alone graphic files.	as expected
	A_IM-22 Acquisition of st		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		e device internal memory and review reported data	
Summary:	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		
		ed generated report formats.	
	modification via support	Janorassa report rormass.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 12:18:47 EDT	2008	
Device:	Motorola_RAZR_V3	2000	
Source	OS: WIN XP		
Setup:	Interface: cable		
secup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA ELEMENTS	
	Address Book Entries	Marrimum Longth	
		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	outgoing beleted	
	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	Outgoing video	
	Scand-arone data files	Audio	
		Audio Deleted	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 Micro Systemation .XRY Version 3.6	
Highlights:	Acquisition started: Fri Apr 11 12:18:47 EDT 2008	
	Acquisition finished: Fri Apr 11 12:23:23 EDT 2008	
	Acquisition finished: Fri Apr 11 12:27:57 EDT 2008	
	Complete representation of known data via generated reports	was successful
Results:		
	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	CFT-IMO-02 Acquire mobile device internal memory and review reported data		
Summary:	via the preview-pane.		
Assertions:	A_IMO-39 If a cellular forensic tool successfully completes acquisition of		
		he 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	2000	
Source	OS: WIN XP		
Setup:	Interface: cable		
o o o o o	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
I	naarobb boon Enerrob	Maximum Length	
I		Regular Length, email, picture	
I		Special Character	
I		Blank Name	
Ì		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
İ		Foreign Entry	
	PIM Data	LOTETAIL FILCTA	
	FIM Data	Maximum Length	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	G-11 T	Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
Ì		Incoming SMS - Unread	
		Incoming SMS - Deleted	
İ		Outgoing SMS	
İ		Outgoing SMS - Deleted	
		Incoming EMS - Read	
İ		Incoming EMS - Unread	
İ		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
Í	MMS Messages		
Ì		Incoming Audio	
Ì		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Ì		AIREO - DETECER	
Tog	Charted Dr. VDV Version	2 6	
Log	Created By .XRY Version	3.0	

Test Case CFT	-IMO-02 Micro Systemation .XRY Version 3.6	
Highlights:	Acquisition started: Fri Apr 11 12:26:06 EDT 2008	
	Complete representation of known data via preview-pane was	successful
Results:		
	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)

	CHI-INIO-05 (MOLOFOIA NAZIV V3)		
Test Case CFT	FT-IMO-03 Micro Systemation .XRY Version 3.6		
Case	CFT-IMO-03 Acquire mobile device internal memory and compare reported data		
Summary:	via the preview-pane and supported generated reports.		
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. A_IMO-39 If a cellular forensic tool successfully completes acquisition of		
		ne tool shall present the acquired data without	
	modification in a preview		
	_	prensic tool provides a preview-pane view and a	
		acquired data then the reports shall maintain	
	consistency of all report	ted data elements.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 12:28:54 EDT 2	2008	
Device:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable		
-	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	naarebb book biterreb	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	outgoing Beleecu	
	Text Messages	Incoming OMC Dood	
		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	
	Chand alama data 643	Outgoing video	
	Stand-alone data files	- 11	
		Audio	
Ì		Audio - Deleted	
		Image	
i		Image - Deleted	
		Video	
	L L	. =	

Test Case CFT	-IMO-03 Micro Systemation .XRY Version 3.6	
	Video - Deleted	
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr 11 12:28:54 EDT 2008 Acquisition finished: Fri Apr 11 12:30:47 EDT 2008 Complete representation of known data via generated reports v Complete representation of known data via preview-pane was su Consistency between generated reports and preview-pane was su	uccessful
Results:		
	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)

	-IMO-04 Micro Systemation		
Case	CFT-IMO-04 After a successful mobile device internal memory acquisition,		
Summary:	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 o	r reporting data modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 12:31:21 EDT	2008	
Device:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable		
	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		
	IIII 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 - Defeted	
	MMC Magaza	Outgoing EMS - Deleted	
	MMS Messages	Turanina Audia	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video Video Polotod	
		Video - Deleted	

Test Case CFT	-IMO-04 Micro Systemation .XRY Version 3.6		
Highlights:	s: Acquisition started: Fri Apr 11 12:31:21 EDT 2008 Acquisition finished: Fri Apr 11 12:34:34 EDT 2008		
	Notification of modified case data was successful		
	Notes: Case File Encryption has to be selected before Acquisition		
Results:			
	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			
Test Case CFT		access card via vendor documentation.	
Case Summary:	CFI-IMO-U/ Create a SIM	access card via vendor documentation.	
Assertions:	A_IMO-51 If the cellular forensic tool supports SIM access card creation		
ASSELLIONS.	then the card creation shall be completed without errors via manufactu suggested protocols. Access cards characteristics should be consisten		
	suggested protocols. Access cards characteristics should be consistent with vendor documentation.		
	with vehicle documentation		
Tester	rpa		
Name:	150		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 12:38:51 EDT	2008	
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
-	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	rerergn Energ	
	1111 2000	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special character	
	carr nogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	outgoing Defeted	
	Tene Hebbageb	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	Owedoring Halo Defered	
	Ind ricobages	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Madio Outgoing Image	
		Outgoing Timage Outgoing Video	
	Stand-alone data files	outgoing video	
	Stand-alone data files	Audio	
		Audio - Deleted	
		Image Deleted	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-IMO-07 Micro Systemation .XRY Version 3.6				
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 11	12:38:51 EDT 2008	3	
	Acquisition finished: Fri Apr 11	12:44:25 EDT 200	08	
	Access card creation was successful			
Results:				
	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)

Case	CFT-IMO-08 Acquire mobile device internal memory and review generated log		
Summary:	files.		
Assertions:		forensic tool supports log creation then the	
	application should prese	ent the log files outlining the acquisition process	
	in a human-readable form	mat.	
Tester	rpa		
Tame:			
est Host:	Morrisy		
est Date:	Fri Apr 11 12:45:36 EDT	2008	
evice:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Address Book Entrics	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	
	Coll Logg	Special character	
	Call Logs	Minus 1	
		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	
	Ghandadan 3 : 513	Outgoing Video	
	Stand-alone data files	<u> </u>	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		VIGGO DETECCO	

Test Case CFI	CFT-IMO-08 Micro Systemation .XRY Version 3.6					
Log	g 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					
	Notes:					
	XRY Log	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 2004"]	Success	CGMI Resp = [+CGMI: "Motorola CE, Copyright			
	MAIN	Success	CGMM Resp = [+CGMM:			
			"GSM850", "MODEL=V3re"]			
	MAIN	Success	CGMR Resp = [+CGMR: "R3442A_G_0E.43.08R"]			
	MAIN	Success	I3 Resp = [Motorola Mobile Phone] Starting process of GSM0707 (3.5)			
	MAIN GSM0707	Success Success	Starting process of GSM0707 (3.5) 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 MOTOROLA	Success Success	Reading Contacts SM 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 MAIN	Success Success	Motorola (3.5) completed successfully 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 OBEX	Success Success	Reading 11-30-07_1038.3gp Reading 11-30-07 0954.3gp			
	OBEX	Success	Reading 11-30-07_0954.3gp 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 OBEX	Success Success	Disconnecting OBEX 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:	Assertion & Expected 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	1 .XRY Version 3.6	
Case	CFT-IMO-09 Acquire mobile device internal memory and review data containing		
Summary:	foreign language characters.		
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.		
	A_IMO-39 If a cellular f	forensic tool successfully completes acquisition of	
	the target device then t	the tool shall present the acquired data without	
	modification in a previe		
	A_IMO-53 If the cellular	r forensic tool supports proper display of foreign	
		then the application should present address book	
		ign language characters in their native format	
	without modification.		
		r forensic tool supports proper display of foreign	
		then the application should present text messages	
	modification.	uage characters in their native format without	
	modification.		
Togtom			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 12:51:57 EDT	2008	
Device:	Motorola_RAZR_V3	2000	
Source	OS: WIN XP		
Setup:	Interface: cable		
Бесир.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA BEIMBRID	
	Address Book Entires	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DTM Date	Foreign Entry	
	PIM Data	Marrianan Tanahla	
		Maximum Length	
		Regular Length Deleted Entry	
		Special Character	
	Call Logs	Special character	
	Cail hogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing Outgoing	
		Outgoing Outgoing - Deleted	
	Text Messacos	outgoing - Defeced	
	Text Messages	Incoming SMS - Read	
		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 CF	T-IMO-09 Micro Systemation .XRY Version 3.6		
	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr 11 12:51:57 EDT 2008 Acquisition finished: Fri Apr 11 12:54:20 EDT 2008 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired and properly displayed Foreign character text messages were acquired and properly displayed		
Results:	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	

5.2.55 CFT-IMO-11 (Motorola RAZR V3)

Test Case CFT-IMO-11 Micro Systemation .XRY Version 3.6			
Case	CFT-IMO-11 Acquire mobile device internal memory and review hash values for		
Summary:	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.		
		orensic tool successfully completes acquisition of	
	_	he tool shall present the acquired data without	
	modification in a previe	w-pane view. forensic tool supports hashing for individual data	
		all present the user with a hash value for each	
	supported data object.	ari present the user with a hash value for each	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 11 12:55:41 EDT	2008	
Device:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA EHEMENTS	
	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	
	0.11.7	Special Character	
	Call Logs	Minned	
	_	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 - Defeted	
		Outgoing EMS - Deleted	
	MMS Messages	<u> </u>	
		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		
	Image - Deleted		
	Video		
	Video - Deleted		
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Fri Apr 11 12:55:41 EDT 2008 Acquisition finished: Fri Apr 11 12:57:58 EDT 2008		
	Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Device hash reporting for individual acquired data elements was successful		
	Notes: SHAl and MD5 hashes were successfully calculated for pictur audio.	es, video, and	
Results:			
	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	S-SIM-01 Micro Systemation .XRY Version	on 3.6	
Case	CFT-SIM-01 Acquire SIM over supported interfaces (e.g., PC/SC reader,		
Summary:	proprietary reader).		
Assertions:	A_SIM-23 If a cellular forensic too the target SIM then the tool shall via all vendor supported interfaces reader).	successfully recog	nize the target SIM
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 14:01:20 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Characte	er
		Blank Name	
		Regular Length -	- Deleted Number
		Foreign Entry	
	Call Logs	<u> </u>	
		Last Numbers Dia	aled (LND)
	Text Messages		· · · ·
		Incoming SMS - F	Read
		Incoming SMS - F	
		Incoming SMS - I	-
		Incoming SMS - U	
		Incoming Foreign	
		Incoming EMS - I	
Log	Created By .XRY Version 3.6	1 . 0.0 ==== 0.000	
Highlights:	Acquisition started: Thu Apr 3 14:0		
	Acquisition finished: Thu Apr 3 14:	U5:39 EDT 2008	
	Media connectivity was established	via supported inte	rface
Results:			1
	Assertion & Expected Result		Actual Result
	A_SIM-23 SIM connectivity via supp	orted interfaces.	as expected
Analysis:	Expected results achieved		

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

Test Case CFT	-SIM-02 Micro Systemation .XRY Versio	n 3.6	
Case	CFT-SIM-02 Attempt acquisition of a non-supported SIM.		
Summary:			
Assertions:	A_SIM-24 If a cellular forensic tool attempts to connect to a non-supported		
	SIM then the tool shall have the ab:	ility 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	OS: WIN XP		
Setup:	Interface: USB		
	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	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 14:0		
	Acquisition finished: Thu Apr 3 14:08:07 EDT 2008		
	Identification of non-supported med	ia was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	A_SIM-24 Identification of non-sup	ported 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	n 3.6	
Case	CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
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). 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.		ize the target SIM r, proprietary agement between the
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 14:09:03 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	<u> </u>
		Blank Name	
		Regular Length -	Deleted Number
	Gall Tana	Foreign Entry	
	Call Logs	Tank Numbers Dial	-d (IND)
	Toyrt Maggagag	Last Numbers Dial	Lea (LND)
	Text Messages	Incoming SMS - Re	and
		Incoming SMS - Re	
		Incoming SMS - De	
		Incoming SMS - Ur	
		Incoming Foreign	
		Incoming EMS - De	
		111001111111111111111111111111111111111	320000
_			
Log Highlights:	Created By .XRY Version 3.6 Acquisition started: Thu Apr 3 14:09	1.U3 EDT 3UU0	
HIGHLIGHTS:	Acquisition started: Thu Apr 3 14:09 Acquisition finished: Thu Apr 3 14:1		
	Todarpicion finithmed. Ind whi 2 14.1	.0.02 101 2000	
	Media connectivity was established v	ia supported inter	face
	Media acquisition disruption notific		
Results:			
	Assertion & Expected Result		Actual Result
	A_SIM-23 SIM connectivity via suppo		as expected
	A_SIM-25 Notification of SIM acquis	sition disruption.	as expected
Analysis:	Expected results achieved		

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

Test Case CFT	Test Case CFT-SIM-04 Micro Systemation .XRY Version 3.6			
Case	CFT-SIM-04 Attempt acquisition on a password-protected SIM.			
Summary:				
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). A_SIM-26 If the SIM is password-protected then the cellular forensic tool			
	shall provide the examiner with the acquisition.	opportunity to input the	e PIN before	
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu Apr 3 14:11:27 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delet	ed Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (L	ND)	
	Text Messages	,	,	
	3	Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 14:11 Acquisition finished: Thu Apr 3 14:1			
Results:	Media connectivity was established via supported interface Ability to enter PIN on protected media before acquisition was successf			
results.	Assertion & Expected Result		Actual Result	
	A_SIM-23 SIM connectivity via suppo	orted interfaces.	as expected	
	A_SIM-26 Password entry before acquisins.	uisition for protected	as expected	
Analysis:	Expected results achieved			

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

Test Case CFT	Test Case CFT-SIM-05 Micro Systemation .XRY Version 3.6			
Case	CFT-SIM-05 Acquire SIM internal memory and review reported data via the			
Summary:	preview-pane or generated reports for readability.			
Assertions:	A_SIM-23 If a cellular forensic too	l provides support for cor	nectivity of	
	the target SIM then the tool shall s	successfully recognize the	e target SIM	
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition 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.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu Apr 3 14:13:14 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - 1	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Thu Apr 3 14:13	3:14 EDT 2008		
3 3	Acquisition finished: Thu Apr 3 14:14:35 EDT 2008			
	Media connectivity was established	via supported interface		
	Readability and completeness of acq	uired data was successful		
Results:				
	Assertion & Expected Result		Actual Result	
	A_SIM-23 SIM connectivity via supp	orted interfaces.	as expected	
	A_SIM-27 Readability and completen		as expected	
	supported reports.			
Analysis:	Expected results achieved			
11141/010	Zipoood repared delireved			

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

Test Case CFT	-SIM-06 Micro Systemation .XRY Version	m 3.6	
Case	CFT-SIM-06 Acquire SIM internal memory		bscriber and
Summary:	equipment related information (i.e.,		
•	A_SIM-23 If a cellular forensic tool		
Assertions:			
	the target SIM then the tool shall s		
	via all vendor supported interfaces	(e.g., PC/SC reader, prop	orietary
	reader).		
	A_SIM-27 If a cellular forensic tool		-
	the target SIM then the tool shall h		
	data in a human-readable format via	either preview-pane or ge	enerated
	report.		
	A_SIM-28 If a cellular forensic tool		-
	the target SIM then the SPN shall be presented in a human-readable form		
	without modification.		
	A_SIM-29 If a cellular forensic tool		
	the target SIM then the ICCID shall	be presented in a human-r	readable format
	without modification.		
	A_SIM-30 If a cellular forensic tool	l successfully completes a	acquisition of
	the target SIM then the IMSI shall k	oe presented in a human-re	eadable format
	without modification.		
	A_SIM-31 If a cellular forensic tool	successfully completes a	cquisition of
	the target SIM then the MSISDN shall	be presented in a human-	readable
	format without modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 14:16:10 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
	INDUITATION DIGITING INCIDENT	Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Numbon
			a Number
	Gall Tann	Foreign Entry	
	Call Logs	7 1 77 1 77 1 1 (737	- 1
		Last Numbers Dialed (LN	D)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 14:16	5:10 EDT 2008	
3 3	Acquisition finished: Thu Apr 3 14:1		
	Media connectivity was established v	via supported interface	
	=		
	Readability and completeness of acquired data was successful All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired		
	All subscriber-related data (i.e., S		
	All subscriber-related data (i.e., S		
Results:	All subscriber-related data (i.e., §		
Results:			Actual
Results:	Assertion & Expected Result		Actual Result
Results:	Assertion & Expected Result	nrted interfaces	Result
Results:	Assertion & Expected Result A_SIM-23 SIM connectivity via support		Result as expected
Results:	Assertion & Expected Result A_SIM-23 SIM connectivity via support A_SIM-27 Readability and completence		Result
Results:	Assertion & Expected Result A_SIM-23 SIM connectivity via supportation and complete of supported reports.		as expected as expected
Results:	Assertion & Expected Result A_SIM-23 SIM connectivity via supportation A_SIM-27 Readability and completent supported reports. A_SIM-28 Acquisition of SPN.		as expected as expected as expected
Results:	Assertion & Expected Result A_SIM-23 SIM connectivity via supportation and complete of supported reports.		as expected 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	CFT-SIM-07 Acquire SIM internal memo	ory and review reported Ab	breviated
Summary:	Dialing Numbers (ADNs).		
Assertions:	A_SIM-23 If a cellular forensic tool	l provides support for con	nectivity of
	the target SIM then the tool shall successfully recognize the target SIM		
	via all vendor supported interfaces	(e.g., PC/SC reader, prop	rietary
	reader).		
	A_SIM-27 If a cellular forensic tool		_
	the target SIM then the tool shall h		
	data in a human-readable format via either preview-pane or generated		
	report. A SIM-32 If a cellular forensic too.	1	
	the target SIM then all Abbreviated		-
	presented in a human-readable format		iii be
	presented in a numan readable format	without modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 14:18:32 EDT 2008		
Device:	ATT SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
_	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
	Table 1 Lancon 1 Lancons 1 Lancons (1 Lancons)	Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
		Foreign Entry	
	Call Logs	rereign mery	
		Last Numbers Dialed (LN	D)
	Text Messages	Edd Hambeld Didied (En	,
	100000000	Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
		Incoming and Dereced	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 14:18		
	Acquisition finished: Thu Apr 3 14:20:08 EDT 2008		
	Media connectivity was established		
	Readability and completeness of acqu	uired data was successiui	
	All ADNs were acquired		
Results:			
VCDUTCD.	Assertion & Expected Result		Actual
	Appeleion & Expected Repute		Result
	A_SIM-23 SIM connectivity via supp	orted interfaces	as expected
	A_SIM-27 Readability and completen		as expected
	supported reports.	CDD OI acquired data VIA	as expected
	A_SIM-32 Acquisition of ADNs.		as expected
	11_01# 32 ACQUIDICION OF ADNO.		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	CFT-SIM-08 Acquire SIM internal memo		st Numbers
Summary:	Dialed (LND).		
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of		
	the target SIM then the tool shall s	successfully recognize the	e target SIM
	via all vendor supported interfaces	(e.g., PC/SC reader, prop	rietary
	reader).		
	A_SIM-27 If a cellular forensic tool	l successfully completes a	cquisition of
	the target SIM then the tool shall h	have the ability to presen	nt acquired
	data in a human-readable format via either preview-pane or generated report.		
	A_SIM-33 If a cellular forensic tool		_
	the target SIM then all Last Numbers		resented in a
	human-readable format without modifi	ication.	
Tester Name:	rpa .		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 14:20:59 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (LN	D)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 14:20		
	Acquisition finished: Thu Apr 3 14:2	23:22 EDT 2008	
	Media connectivity was established via supported interface		
	Readability and completeness of acqu		
	LNDs were acquired	ulled data was successful	
	LNDS were acquired		
Results:			
MCDUICD.	Assertion & Expected Result		Actual
	Appeleion & Expected Repute		Result
	A_SIM-23 SIM connectivity via supp	orted interfaces	as expected
	A_SIM-23 SIM connectivity via supplication A_SIM-27 Readability and completent		as expected
	supported reports.	ess or acquired data via	as expected
	A_SIM-33 Acquisition of LNDs.		as expected
	A_DIM-33 ACQUISICION OF HNDS.		as expected
Analysis:	Expected results achieved		
лиатурты.	Expected results actived		

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

Test Case CFT	-SIM-09 Micro Systemation .XRY Versio	n 3.6	
Case	CFT-SIM-09 Acquire SIM internal memory and review reported text messages		
Summary:	(i.e., SMS, EMS).		
Assertions:	A_SIM-23 If a cellular forensic tool		
	the target SIM then the tool shall successfully recognize the target SIM		
	via all vendor supported interfaces	(e.g., PC/SC reader, prop	rietary
	reader).	6.11	
	A_SIM-27 If a cellular forensic tool		_
	the target SIM then the tool shall he data in a human-readable format via		
	report.	erther preview-pane or ge	illeraced
	A_SIM-34 If a cellular forensic tool	successfully completes a	causition of
	the target SIM then all SMS text mes		
	readable format without modification		
	A_SIM-35 If a cellular forensic tool	successfully completes a	cquisition of
	the target SIM then all EMS text mes		
	readable format without modification	1.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Apr 3 14:24:12 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)	DATA EDEMENTS	
	Abbreviated Dialing Numbers (ADN)	Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
		Foreign Entry	a ivaliber
	Call Logs		
		Last Numbers Dialed (LN	O)
	Text Messages	,	,
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
Tog	Created By .XRY Version 3.6		
Log Highlights:	Acquisition started: Thu Apr 3 14:24	I·12 FDT 2008	
mightights.	Acquisition finished: Thu Apr 3 14:29		
	negarbition rimibilea. The tipe 5 11.2	13 · 30 · 121 · 2000	
	Media connectivity was established v	via supported interface	
	Readability and completeness of acqu		
	ALL text messages (SMS, EMS) were acquired		
Results:			
	Assertion & Expected Result		Actual
			Result
	A_SIM-23 SIM connectivity via suppo		as expected
	A_SIM-27 Readability and completene	ess of acquired data via	as expected
	supported reports.	29	00 017727427
	A_SIM-34 Acquisition of SMS message		as expected
	A_SIM-35 Acquisition of EMS message	ED.	as expected

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

Test Case CFT	-SIM-10 Micro Systemation .XRY Version	on 3.6	
Case Summary:	CFT-SIM-10 Acquire SIM internal memodata (i.e., LOCI, GPRSLOCI).	ory and review reported lo	cation related
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). 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. 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. A_SIM-37 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.		
Tester Name:	rna		
Test Host:	rpa Morrisy		
Test Date:	Thu Apr 3 14:26:05 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
-	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
		Foreign Entry	a Number
	Call Logs	roreign Enery	
	Call Logs	Last Numbers Dialed (LN	D.)
	Mark Marrage	Last Numbers Dialed (LN.	D)
	Text Messages	Transmire CMC Dood	
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Thu Apr 3 14:20 Acquisition finished: Thu Apr 3 14:20		
	Media connectivity was established readability and completeness of acquicol data was acquired GPRSLOCI data was acquired		
Results:			
	Assertion & Expected Result		Actual
			Result
	A_SIM-23 SIM connectivity via supp		as expected
	A_SIM-27 Readability and completen	ess of acquired data via	as expected
	supported reports.		
	A_SIM-36 Acquisition of LOCI infor	mation.	as expected
	A_SIM-37 Acquisition of GPRSLOCI is		as expected
Analysis:	Expected results achieved		

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

Test Case CFT	CFT-SIMO-01 Micro Systemation .XRY Version 3.6			
Case	CFT-SIMO-01 Acquire SIM internal memory and review acquired data via			
Summary:	supported generated report formats.			
Assertions:	A_SIMO-58 If a cellular forensic too	ol 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	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Fri Apr 4 13:07:02 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	ed Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	ID)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 4 13:0			
	Acquisition finished: Fri Apr 4 13:07:59 EDT 2008			
	Commission of leaves date			
	Complete representation of known date	ta via generated reports	was successiul	
Results:				
Kesuics:	Aggertion & Expected Result		Actual	
	Assertion & Expected Result		Result	
	A_SIMO-58 Comparison of known SIM	data alamanta wis		
	A_SIMO-58 Comparison of known SIM of generated reports.	uata Elements VIA	as expected	
	generaced reports.			
Analysis:	Expected results achieved			
IIIGIYDID.	Impededa Tebateb actitevea			

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

Test Case CF1	-SIMO-02 Micro Systemation .XRY Versi	ion 3.6		
Case	CFT-SIMO-02 Acquire SIM internal memory and review acquired data via the			
Summary:	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 m	modification via supporte	ed generated	
	report formats.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Fri Apr 4 13:08:39 EDT 2008			
Device:	ATT SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delet	ed Number	
		Foreign Entry		
	Call Logs	3 1		
		Last Numbers Dialed (L	ND)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 4 13:08:39 EDT 2008 Acquisition finished: Fri Apr 4 13:09:22 EDT 2008			
	Complete representation of known date	ta via preview-pane was s	successful	
Results:				
	Assertion & Expected Result	Assertion & Expected Result Actua		
	A_SIMO-59 Comparison of known SIM preview-pane.	data elements via	as expected	
Analysis:	Expected results achieved			

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

Test Case CFI	'-SIMO-03 Micro Systemation .XRY Vers	ion 3.6		
Case	CFT-SIMO-03 Acquire SIM internal me	mory and compare acquired	data via the	
Summary:	preview-pane and supported generate			
Assertions:	A_SIMO-58 If a cellular forensic to	ol successfully completes	acquisition of	
	the target media (i.e., SIM) then the			
	in a human-readable format without modification via supported generated			
	report formats.			
	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.			
	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 mainta			
	consistency of all reported data elements.			
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Fri Apr 4 13:09:53 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP Interface: USB			
Setup:	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	Marrimum Longth		
		Maximum Length		
		Special Character		
		Blank Name Regular Length - Delete	d Number	
		Foreign Entry	a Number	
	Call Logs	Foreign Entry		
	cail hogs	Last Numbers Dialed (LN	D.)	
	Text Messages	Last Numbers Dialed (LN		
	TCAC MCBBages	Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - 1	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 4 13:0			
	Acquisition finished: Fri Apr 4 13:	20:51 EDT 2008		
			6.3	
	Complete representation of known da	-		
	Complete representation of known da	ta via preview-pane was st	iccessiui	
Results:				
itcbulcb.	Assertion & Expected Result		Actual	
	Induction a imposed Reduct		Result	
	A_SIMO-58 Comparison of known SIM	data elements via	as expected	
	generated reports.	• • • • • • • • • • • • • • • • • • • •	22-1-00000	
			as expected	
	preview-pane.			
	A_SIMO-60 Compare generated report	s and preview-pane views	as expected	
	for SIM acquisition.	_	=	
Analysis:	Expected results achieved			
			·	

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

Test Case CFT	-SIMO-04 Micro Systemation .XRY Versi	on 3.6	
Case	CFT-SIMO-04 After a successful SIM internal memory acquisition, aflter the		
Summary:	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	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMEN	TS
	Abbreviated Dialing Numbers (ADN)		
		Maximum Lengt	h
		Special Chara	cter
		Blank Name	
		Regular Lengt	h - Deleted Number
		Foreign Entry	-
	Call Logs		
		Last Numbers	Dialed (LND)
	Text Messages		
		Incoming SMS	- Read
		Incoming SMS	- Foreign
		Incoming SMS	
		Incoming SMS	- Unread
		Incoming Fore	ign EMS - Read
		Incoming EMS	_
Log	Created By .XRY Version 3.6		
Log Highlights:	Acquisition started: Fri Apr 4 13:37:45 EDT 2008 Acquisition finished: Fri Apr 4 13:41:01 EDT 2008		
	Notification of modified case data was successful		
	Notes: Case File Encryption has to be selected before Acquisition		
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-61 Notification of modifed	SIM case data.	as expected
Analysis:	Expected results achieved		
4	±		

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

Lest Case CF1	-SIMO-05 Micro Systemation .XRY Versi	ion 3.6		
Case	CFT-SIMO-05 Acquire SIM internal mer	mory and review reports f	or recoverable	
Summary:	deleted data.		1 1:1	
Assertions:	A_SIMO-58 If a cellular forensic too			
	the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated			
	in a human-readable format without modification via supported generated			
	report formats. A_SIMO-59 If a cellular forensic tool successfully completes acquisition of			
	the target media (i.e., SIM) then the			
	in a human-readable format without m	_	_	
	report formats.		a generate	
	A_SIMO-62 If the cellular forensic tool successfully completes acquisition			
	of the target SIM and recoverable de	eleted SMS messages exist	then the tool	
	shall present recoverable deleted da	ata in a human-readable f	format without	
	modification.			
	A_SIMO-63 If the cellular forensic t		_	
	of the target SIM and recoverable de			
	shall present recoverable deleted da	ata in a human-readable f	format without	
	modification.			
Tester	rpa			
Name:	I Pa			
Test Host:	Morrisy			
Test Date:	Fri Apr 4 13:44:54 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB	DAMA DI DICENIMA		
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name	a d Niverbass	
		Regular Length - Delet	ed Nulliber	
	Call Logg	Foreign Entry		
	Call Logs	Last Numbers Dialed (L	MD /	
	Text Messages	Dasc Numbers Dialed (I	ND /	
	Text Nebbageb	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 Acquisition started: Fri Apr 4 13:4	4 · E 4 EDT 2000		
HIGHLIGHES.				
	Acquisition finished: Fri Apr 4 13:4			
			was successful	
	Complete representation of known date	ta via generated reports		
		ta via generated reports		
	Complete representation of known data Complete representation of known data	ta via generated reports		
	Complete representation of known data Complete representation of known data Deleted SMS data was recovered	ta via generated reports		
Results:	Complete representation of known data Complete representation of known data Deleted SMS data was recovered Deleted EMS data was recovered	ta via generated reports	successful	
	Complete representation of known data Complete representation of known data Deleted SMS data was recovered	ta via generated reports	successful Actual	
	Complete representation of known data Complete representation of known data Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result	ta via generated reports ta via preview-pane was s	Actual Result	
	Complete representation of known day Complete representation of known day Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM	ta via generated reports ta via preview-pane was s	successful Actual	
	Complete representation of known date Complete representation of known date Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM agenerated reports.	ta via generated reports ta via preview-pane was s data elements via	Actual Result as expected	
	Complete representation of known day Complete representation of known day Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM	ta via generated reports ta via preview-pane was s data elements via	Actual Result	
	Complete representation of known date Complete representation of known date Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM agenerated reports. A_SIMO-59 Comparison of known SIM agenerated reports.	ta via generated reports ta via preview-pane was s data elements via data elements via	Actual Result as expected	
	Complete representation of known date Complete representation of known date Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM preview-pane.	ta via generated reports ta via preview-pane was s data elements via data elements via messages.	Actual Result as expected as expected	
	Complete representation of known date Complete representation of known date Deleted SMS data was recovered Deleted EMS data was recovered Assertion & Expected Result A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM preview-pane. A_SIMO-62 Recovery of deleted SMS in the comparison of the compar	ta via generated reports ta via preview-pane was s data elements via data elements via messages.	Actual Result as expected as expected 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)

	-SIMO-00 MICIO SYSC	emation .XRY Version 3.6	
Case	CFT-SIMO-06 Acquir	re SIM internal memory and review generated log files.	
Summary:			
Assertions:		Ilular forensic tool supports creation of log files then	
	the application should present the log files in a human-readable format outlining the acquisition process.		
	outlining the acqu	distrion process.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Apr 4 13:49:26	5 EDT 2008	
Device:	ATT_SIM	221 2000	
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dial:	ing Numbers (ADN)	
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Deleted Number	
	- 11 -	Foreign Entry	
	Call Logs	7	
	March March	Last Numbers Dialed (LND)	
	Text Messages	Indomina CMC Deed	
		Incoming SMS - Read	
		Incoming SMS - Foreign Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		111001111111111111111111111111111111111	
Log Highlights:		ed: Fri Apr 4 13:49:26 EDT 2008	
-	Acquisition starte Acquisition finish	ed: Fri Apr 4 13:49:26 EDT 2008 ned: Fri Apr 4 13:51:05 EDT 2008	
-	Acquisition starte Acquisition finish Creation of comple	ed: Fri Apr 4 13:49:26 EDT 2008	
-	Acquisition starte Acquisition finish	ed: Fri Apr 4 13:49:26 EDT 2008 ned: Fri Apr 4 13:51:05 EDT 2008	
-	Acquisition starte Acquisition finish Creation of comple	ed: Fri Apr 4 13:49:26 EDT 2008 ned: Fri Apr 4 13:51:05 EDT 2008	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	ed: Fri Apr 4 13:49:26 EDT 2008 ned: Fri Apr 4 13:51:05 EDT 2008	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	ed: Fri Apr 4 13:49:26 EDT 2008 ned: Fri Apr 4 13:51:05 EDT 2008 ete and human-readable log files was successful Message	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success	Message Initiating Process	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success	Message Initiating Process .XRY Version 3.6	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 []	
-	Acquisition started Acquisition finish Creation of complete Status MODES: MODES: MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 []	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success	Message Initiating Process IXRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6)	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success	Message Initiating Process .XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type	
-	Acquisition started Acquisition finish Creation of complete Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card	
-	Acquisition started Acquisition finish Creation of complete Status Module Status MAIN Success MAIN Success MAIN Success MAIN Success MAIN Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success SIM Success	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code	
-	Acquisition started Acquisition finish Creation of complete Status Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder	
-	Acquisition started Acquisition finish Creation of complete Status Status Success MAIN Success MAIN Success MAIN Success MAIN Success SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM SUCCESS SIM	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status MAIN Success MAIN Success MAIN Success MAIN Success SIM Success	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Analyzing GSM Folder	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Analyzing GSM Folder Reading General Information	
-	Acquisition started Acquisition finish Creation of complete Notes: XRY Log Module Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Reading Network Information	
-	Acquisition started Acquisition finish Creation of complete Status Status Success MAIN Success MAIN Success MAIN Success MAIN Success SIM	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connected with TO Protocol Detecting SIM type Asking user for SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Reading Network Information PLMN Selector Reading Network Information Forbidden PLMNs Analyzing Telecom Folder	
-	Acquisition started Acquisition finish acquisition finish Creation of complete Status	Message Initiating Process XRY Version 3.6 Connected to OMNIKEY CardMan 6121 0 [] Device Name: SIM Card Starting process of SIM (3.6) Connecting Connected with TO Protocol Detecting SIM type Asking user for SIM type Asking user for SIM type Identified as SIM Card Passed PIN code Analyzing MF folder Reading General Information Reading General Information Reading Network Information PLMN Selector Reading Network Information PLMN Selector Reading Network Information Forbidden PLMNs	

Test Case CF	T-SIMO-06	Micro Syst	temation .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:			
	Asser	tion & Expe	ected Result Actual Result
	A_SIM	10-64 SIM lo	og file output. as expected
Analysis:	Expect	ed results	achieved

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

Test Case CFT	-SIMO-07 Micro Systemation .XRY Vers	ion 3.6		
Case	CFT-SIMO-07 Acquire SIM internal me	mory and review data conta	aining foreign	
Summary:	language characters.			
Assertions:	A_SIMO-58 If a cellular forensic to	ol successfully completes	acquisition of	
	the target media (i.e., SIM) then the			
	in a human-readable format without modification via supported generated			
	report formats.			
	A_SIMO-59 If a cellular forensic to	ol successfully completes	acquisition of	
	the target media (i.e., SIM) then the	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.			
	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.			
	A_SIMO-66 If the cellular forensic		lar of famaian	
	language character sets then the app			
	containing foreign language character			
	modification.	cis in cheir hacive forma	c wichout	
	modification.			
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Fri Apr 4 13:54:02 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP		<u> </u>	
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -	Read	
		Incoming EMS - Deleted		
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 4 13:5	4:02 EDT 2008		
	Acquisition finished: Fri Apr 4 13:			
	Complete representation of known da	ta via generated reports	was successful	
	Complete representation of known da			
	ADNs containing foreign characters			
	Text messages containing foreign ch	aracters were acquired and	d properly	
	displayed			
Results:				
	Assertion & Expected Result		Actual	
			Result	
	A_SIMO-58 Comparison of known SIM	data elements via	as expected	
	generated reports.			
	A_SIMO-59 Comparison of known SIM	data elements via	as expected	
	preview-pane.	alaina famales lasses		
	A_SIMO-65 Acquisition of ADNs cont	aining foreign language	as expected	
	characters.	agog gontaining forci-	ag ownested	
	A_SIMO-66 Acquisition of text mess	ages concarning roreign	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 Versi	on 3.6		
Case	CFT-SIMO-08 Begin acquisition on a F		determine if the	
Summary:	tool provides an accurate count of the remaining number of PIN attempts and			
	if the PIN attempts are decremented	when entering an inc	orrect 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	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - De	eleted Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed	d (LND)	
	Text Messages			
	Incoming SMS - Read		i	
		Incoming SMS - Fore	eign	
		Incoming SMS - Dele	eted	
		Incoming SMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Dele	eted	
Log	Created By .XRY Version 3.6			
Highlights:	Acquisition started: Fri Apr 4 13:56:00 EDT 2008			
	Acquisition finished: Fri Apr 4 13:57:35 EDT 2008			
	Remaining number of PIN attempts pro	operly displayed was	successful	
Dogulta:				
Results:	Aggertien & Expected Regult		Actual Result	
	Assertion & Expected Result	bar of DIM obtains		
	A_SIMO-67 Display of remaining numl	per of PIN attempts.	as expected	
7 m = 1	Bosephad manular and describ			
Analysis:	Expected results achieved			

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

Test Case CFT	-SIMO-09 Micro Systemation .XRY Versi	on 3.6	
Case	CFT-SIMO-09 Begin acquisition on a S	SIM whose PIN attempt	s have been
Summary:	exhausted to determine if the tool provides an accurate count of the		
	remaining number of PUK attempts and	d 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	rpa		
Name:	Manager		
Test Host: Test Date:	Morrisy		
	Fri Apr 4 13:59:56 EDT 2008		
Device: Source	ATT_SIM OS: WIN XP		
Setup:	Interface: USB		
becup.	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)	<i>2</i> 11111 222121111	
	ADDICVIACCO DIGITING NUMBERS (ADN)	Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - De	eleted Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed	(LND)
	Text Messages		
		Incoming SMS - Read	l
		Incoming SMS - Fore	eign
		Incoming SMS - Dele	eted
		Incoming SMS - Unre	ead
		Incoming Foreign EM	IS - Read
		Incoming EMS - Dele	eted
Log	Created By .XRY Version 3.6		
Highlights:	Acquisition started: Fri Apr 4 13:59		
	Acquisition finished: Fri Apr 4 14:0	13.10 EDI 7008	
	Remaining number of PUK attempts pro	nerly displayed was	guccessful
	Remaining number of For accempts pro	operty displayed was	Bucccssiui
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-68 Display of remaining number	per of PUK attempts.	as expected
		T-00	<u>.</u>
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).

The NIJ Director is appointed by the President and confirmed by the Senate. The Director establishes the Institute's objectives, guided by the priorities of the Office of Justice Programs, the U.S. Department of Justice, and the needs of the field. The Institute actively solicits the views of criminal justice and other professionals and researchers to inform its search for the knowledge and tools to guide policy and practice.

Strategic Goals

NIJ has seven strategic goals grouped into three categories:

Creating relevant knowledge and tools

- 1. Partner with State and local practitioners and policymakers to identify social science research and technology needs.
- 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.

Program Areas

In addressing these strategic challenges, the Institute is involved in the following program areas: crime control and prevention, including policing; drugs and crime; justice systems and offender behavior, including corrections; violence and victimization; communications and information technologies; critical incident response; investigative and forensic sciences, including DNA; less-than-lethal technologies; officer protection; education and training technologies; testing and standards; technology assistance to law enforcement and corrections agencies; field testing of promising programs; and international crime control.

In addition to sponsoring research and development and technology assistance, NIJ evaluates programs, policies, and technologies. NIJ communicates its research and evaluation findings through conferences and print and electronic media.

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