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Test Results for Mobile Device Acquisition Tool: Paraben Device Seizure 3.1	

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Test Results for Mobile Device Acquisition Tool: Paraben Device Seizure 3.1



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Test Results for Mobile Device Acquisition Tool:

Paraben Device Seizure 3.1



Contents

1	Results	s Summary	2
2		ase Selection	
3	Results	s by Test Assertion	7
	3.1 Ac	equisition of Address Book Entries	26
	3.2 Ac	equisition of Text Message Metadata	26
	3.3 Ac	equisition of MMS Related Data	26
	3.4 Ph	ysical Acquisition	26
4	Testing	g Environment	27
		est Computers	
5	Test Re	esults	28
		st Results Report Key	
	5.2 Te	est Details	
	5.2.1	,	
	5.2.2	CFT-IM-02 (LG VX5400)	
	5.2.3	CFT-IM-03 (LG VX5400)	
	5.2.4	CFT-IM-04 (LG VX5400)	35
	5.2.5	CFT-IM-05 (LG VX5400)	
	5.2.6	CFT-IM-06 (LG VX5400)	39
	5.2.7	CFT-IM-07 (LG VX5400)	41
	5.2.8	CFT-IM-08 (LG VX5400)	
	5.2.9	CFT-IM-09 (LG VX5400)	45
	5.2.10) CFT-IM-10 (LG VX5400)	47
	5.2.11	,	
	5.2.12	2 CFT-IMO-02 (LG VX5400)	51
	5.2.13	3 CFT-IMO-03 (LG VX5400)	53
	5.2.14	4 CFT-IMO-04 (LG VX5400)	55
	5.2.15	5 CFT-IMO-05 (LG VX5400)	57
	5.2.16	5 CFT-IMO-06 (LG VX5400)	59
	5.2.17	7 CFT-IMO-08 (LG VX5400)	62
	5.2.18		
	5.2.19	9 CFT-IMO-10 (LG VX5400)	66
	5.2.20) CFT-IM-01 (LG VX6100)	68
	5.2.21	1 CFT-IM-02 (LG VX6100)	70
	5.2.22	,	
	5.2.23	,	
	5.2.24	/	
	5.2.25	,	
	$5.2.2\epsilon$,	
	5.2.27		
	5.2.28	,	
	5.2.29	9 CFT-IM-10 (LG VX6100)	87
	5.2.30) CFT-IMO-01 (LG VX6100)	89
	5 2 31	1 CFT-IMO-02 (LG VX6100)	91

iii

5.2.32	CFT-IMO-03 (LG VX6100)	93
5.2.33	CFT-IMO-05 (LG VX6100)	95
5.2.34	CFT-IMO-09 (LG VX6100)	97
5.2.35	CFT-IMO-10 (LG VX6100)	99
5.2.36	CFT-IM-01 (Moto V710)	101
5.2.37	CFT-IM-02 (Moto V710)	103
5.2.38	CFT-IM-03 (Moto V710)	105
5.2.39	CFT-IM-04 (Moto V710)	107
5.2.40	CFT-IM-05 (Moto V710)	109
5.2.41	CFT-IM-06 (Moto V710)	111
5.2.42	CFT-IM-07 (Moto V710)	113
5.2.43	CFT-IM-08 (Moto V710)	115
5.2.44	CFT-IM-09 (Moto V710)	117
5.2.45	CFT-IM-10 (Moto V710)	119
5.2.46	CFT-IMO-01 (Moto V710)	121
5.2.47	CFT-IMO-02 (Moto V710)	123
5.2.48	CFT-IMO-03 (Moto V710)	125
5.2.49	CFT-IMO-04 (Moto V710)	127
5.2.50	CFT-IMO-05 (Moto V710)	129
5.2.51	CFT-IMO-06 (Moto V710)	131
5.2.52	CFT-IMO-08 (Moto V710)	134
5.2.53	CFT-IMO-09 (Moto V710)	136
5.2.54	CFT-IMO-10 (Moto V710)	138
5.2.55	CFT-IM-01 (SCH u410)	140
5.2.56	CFT-IM-02 (SCH u410)	142
5.2.57	CFT-IM-03 (SCH u410)	144
5.2.58	CFT-IM-04 (SCH u410)	146
5.2.59	CFT-IM-05 (SCH u410)	148
5.2.60	CFT-IM-06 (SCH u410)	150
5.2.61	CFT-IM-07 (SCH u410)	152
5.2.62	CFT-IM-08 (SCH u410)	154
5.2.63	CFT-IM-09 (SCH u410)	156
5.2.64	CFT-IM-10 (SCH u410)	158
5.2.65	CFT-IMO-01 (SCH u410)	160
5.2.66	CFT-IMO-02 (SCH u410)	162
5.2.67	CFT-IMO-03 (SCH u410)	164
5.2.68	CFT-IMO-04 (SCH u410)	166
5.2.69	CFT-IMO-05 (SCH u410)	168
5.2.70	CFT-IMO-08 (SCH u410)	170
5.2.71	CFT-IMO-09 (SCH u410)	172
5.2.72	CFT-IMO-10 (SCH u410)	174
5.2.73	CFT-IM-01 (SCH u740)	176
5.2.74	CFT-IM-02 (SCH u740)	178
5.2.75	CFT-IM-03 (SCH u740)	180
5.2.76	CFT-IM-04 (SCH u740)	182
5 2 77	CFT-IM-05 (SCH u740)	184

5.2.78	CFT-IM-06 (SCH u740)	186
5.2.79	CFT-IM-08 (SCH u740)	188
5.2.80	CFT-IM-09 (SCH u740)	190
5.2.81	CFT-IM-10 (SCH u740)	
5.2.82	CFT-IMO-01 (SCH u740)	194
5.2.83	CFT-IMO-02 (SCH u740)	196
5.2.84	CFT-IMO-03 (SCH u740)	198
5.2.85	CFT-IMO-04 (SCH u740)	200
5.2.86	CFT-IMO-05 (SCH u740)	202
5.2.87	CFT-IMO-08 (SCH u740)	204
5.2.88	CFT-IMO-09 (SCH u740)	206
5.2.89	CFT-IMO-10 (SCH u740)	208
5.2.90	CFT-IM-01 (SPH a660)	210
5.2.91	CFT-IM-02 (SPH a660)	212
5.2.92	CFT-IM-03 (SPH a660)	214
5.2.93	CFT-IM-04 (SPH a660)	216
5.2.94	CFT-IM-05 (SPH a660)	218
5.2.95	CFT-IM-06 (SPH a660)	220
5.2.96	CFT-IM-07 (SPH a660)	222
5.2.97	CFT-IM-08 (SPH a660)	224
5.2.98	CFT-IMO-01 (SPH a660)	226
5.2.99	CFT-IMO-02 (SPH a660)	228
5.2.100	CFT-IMO-03 (SPH a660)	230
5.2.101	CFT-IMO-04 (SPH a660)	232
5.2.102	CFT-IMO-05 (SPH a660)	234
5.2.103	CFT-IMO-08 (SPH a660)	236
5.2.104	CFT-IMO-09 (SPH a660)	238
5.2.105	CFT-IMO-10 (SPH a660)	. 240

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 (DOJ), and the National Institute of Standards and Technology's (NIST's) Office of Law Enforcement Standards and Information Technology Laboratory (ITL). 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 posted on the CFTT Web site (http://www.cftt.nist.gov/) are available for review and comment by the computer forensics community.

This document reports the results from testing Paraben's Device Seizure, version 3.1, against the *Non-GSM Mobile Device and Associated Media Tool Test Assertions and Test Plan Version 1.1*, available at the CFTT Web site (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: Paraben Device Seizure Version: 3.1 build 3345.32887

Run Environments: Windows XP Service Pack 2

Supplier: Paraben Corporation

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1 Results Summary

Except for the following test cases: CFT–IM–06 (LG VX6100), CFT–IM–07 (Samsung SCH–u40), CFT–IM–08 (LG VX5400, LG VX6100, Samsung SPH–a660), CFT–IM–09 (LG VX5400), CFT–IMO–05 (LG VX6100, Samsung SCH–u410, SCH–u740), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., LG VX5400, LG VX6100, MOTO V710, Samsung SCH–u410, Samsung SCH–u740, Samsung SPH–a660). The exceptions are the following:

- 1. Active address book entries were not acquired and reported. Test Case: CFT-IM-06 (LG VX6100)
- 2. Meta data (i.e., Status flags [Read, Unread], Phone Number [Sender, Receipt]) were incorrectly reported. Test Case: CFT–IM–08 (LG VX5400, LG VX6100, Samsung SPH–a660)
- 3. Graphical images associated with MMS data were not displayed. Test Case: CFT–IM–09 (LG VX5400)
- 4. Physical acquisitions (i.e., Memory Dump, GUID Properties) ended in errors. Test Case: CFT–IMO–05 (LG VX6100, Samsung SCH–u410, SCH–u740)

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. Tables (1a–1e) list the features available in Device Seizure and the linked test cases. Tables (2a–2e) list the features not available in Device Seizure. Multiple tables are necessary due to individual mobile devices providing different features. Therefore, case selection is device dependent.

Table 1a: Selected Test Cases (LG VX5400, Motorola V710)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-10)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats.	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats.	
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third-party means and	
attempt to reopen the case file.	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability.	
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data.	
Acquire mobile device internal memory and review data	CFT-IMO-08
containing foreign language characters.	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects.	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash.	

Table 2a: Omitted Test Cases (LG VX5400, Motorola V710)

Unsupported Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files.	

Table 1b: Selected Test Cases (LG VX6100)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-10)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats.	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane.	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats.	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability.	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects.	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash.	

Table 2b: Omitted Test Cases (LG VX6100)

Unsupported Optional Feature	Cases omitted (not executed)
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third party means and	
attempt to reopen the case.	
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data.	
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files.	
Acquire mobile device internal memory and review data	CFT-IMO-08
containing foreign language characters.	

Table 1c: Selected Test Cases (Samsung SCH-u410)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-10)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats.	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane.	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats.	
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third party means and	
attempt to reopen the case.	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability.	

Acquire mobile device internal memory and review data	CFT-IMO-08
containing foreign language characters.	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects.	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash.	

Table 2c: Omitted Test Cases (Samsung SCH-u410)

Unsupported Optional Feature	Cases omitted (not executed)
Perform a physical acquisition and review reports for recoverable deleted data.	CFT-IMO-06
Acquire mobile device internal memory and review generated log files.	CFT-IMO-07

Table 1d: Selected Test Cases (Samsung SCH-u740)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-06, 08-10)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats.	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane.	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats.	
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third-party means and	
attempt to reopen the case.	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability.	
Acquire mobile device internal memory and review data	CFT-IMO-08
containing foreign language characters.	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects.	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash.	

Table 2d: Omitted Test Cases (Samsung SCH-u740)

Unsupported Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IM-07
reported call logs.	
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data.	
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files.	

Table 1e: Selected Test Cases (Samsung SPH-a660)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-08)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats.	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane.	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats.	
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third-party means and	
attempt to reopen the case.	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability.	
Acquire mobile device internal memory and review data	CFT-IMO-08
containing foreign language characters.	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects.	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash.	

Table 2e: Omitted Test Cases (Samsung SPH-a660)

Unsupported Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IM-09
reported MMS multimedia related data (i.e., text, audio,	
graphics, video).	
Acquire mobile device internal memory and review	CFT-IM-10
reported stand-alone multimedia data (i.e., audio,	
graphics, video).	
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data.	
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files.	

3 Results by Test Assertion

Tables 3a–3f summarize the test results by assertion. The column labeled **Assertion Tested** 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 3a: Assertions Tested: (LG VX5400)

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	
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 e-mail addresses associated with		
address book entries shall be presented in a human-readable format		

without modification.		
A_IM-12 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known graphics associated with address	1	
book entries shall be presented in a human-readable format without		
modification.		
A_IM-13 If a cellular forensic tool successfully completes acquisition	1	
	1	
of the target device then all known datebook, calendar, note entries shall		
be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
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	3.2
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	3.3
of the target device then all MMS messages and associated images 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_IMO-23 If a cellular forensic tool successfully completes acquisition	7	
of the target device then the tool shall present the acquired data without		
modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	7	
of the target device then the tool shall present the acquired data without	'	
modification in a preview-pane view.		
A_IMO-25 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.		
A_IMO-26 If modification is attempted to the case file or individual	1	
	1	
data elements via third-party means then the tool shall provide		
protection mechanisms disallowing or reporting data modification.	1	
A_IMO-27 If the cellular forensic tool supports a physical acquisition	1	
of the target device then the tool shall successfully complete the		

acquisition and present the data in a hymon readable format	1	
acquisition and present the data in a human-readable format.	1	
A_IMO-28 If the cellular forensic tool supports a physical acquisition	1	
of address book entries present on the target device then the tool shall		
report recoverable deleted entries or data remnants in a human-readable		
format.	<u> </u>	
A_IMO-29 If the cellular forensic tool supports a physical acquisition	1	
of calendar, tasks, or notes present on the target device then the tool		
shall report recoverable deleted calendar, tasks, or note entries or data		
remnants in a human-readable format.		
A_IMO–30 If the cellular forensic tool supports a physical acquisition	1	
of call logs present on the target device then the tool shall report		
recoverable deleted call log data or data remnants in a human-readable		
format.		
A_IMO-31 If the cellular forensic tool supports a physical acquisition	1	
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-32 If the cellular forensic tool supports a physical acquisition	1	
of EMS messages present on the target device then the tool shall report	1	
recoverable deleted EMS messages or EMS message data remnants in a		
human-readable format.		
A_IMO-33 If the cellular forensic tool supports a physical acquisition	1	
of audio files present on the target device then the tool shall report	1	
recoverable deleted audio data or audio file data remnants in a human-		
readable format.		
	1	
A_IMO_34 If the cellular forensic tool supports a physical acquisition	1	
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.	1	
A_IMO –35 If the cellular forensic tool supports a physical acquisition	1	
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.	<u> </u>	
A_IMO-37 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–39 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.	<u> </u>	
A_IMO-40 If the cellular forensic tool supports hashing the overall	1	
case file then the tool shall present the user with one hash value		
representing the entire case data.		
• -		

Table 3b: Assertions Tested (LG VX6100)

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	
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	3.1
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	3.1
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	3.1
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	3.1
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	3.1
of the target device then all known e-mail addresses associated with		
address book entries shall be presented in a human-readable format		
without modification.		
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		

he presented in a human readable formet without modification	1	
be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all maximum length datebook, calendar, note		
entries shall be presented in a human readable format without		
modification.	1	
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	3.2
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-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	1	
either an internal application or suggested third-party application		
without modification.		
A_IMO-23 If a cellular forensic tool successfully completes acquisition	5	
of the target device then the tool shall present the acquired data without		
modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	5	
of the target device then the tool shall present the acquired data without		
modification in a preview-pane view.		
	1	
A_IMO_25 If a cellular forensic tool provides a preview-pane view and	1	
a generated report of the acquired data then the reports shall maintain		
consistency of all reported data elements.	1	2.4
A_IMO-27 If the cellular forensic tool supports a physical acquisition	1	3.4
of the target device then the tool shall successfully complete the		
acquisition and present the data in a human-readable format.	1	
A_IMO-39 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.	ļ .	
A_IMO-40 If the cellular forensic tool supports hashing the overall	1	
case file then the tool shall present the user with one hash value		
representing the entire case data.		

Table 3c: Assertions Tested (Motorola V710)

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 wia all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM_02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported. A_IM_03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted. 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_05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification. A_IM_05 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification. A_IM_05 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. A_IM_09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification. A_IM_11 If a cellular forensic tool successfully completes acquisition of the target device then all known e-mail addresses associated with address book entries shall be presented in a human-readable format without	Assertions Tested	Tests	Anomaly
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be presented in a human-readable format without modification.		
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
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	1	
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	1	
either an internal application or suggested third-party application		
without modification.		
A_IMO-23 If a cellular forensic tool successfully completes acquisition	7	
of the target device then the tool shall present the acquired data without	,	
modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	7	
of the target device then the tool shall present the acquired data without	,	
modification in a preview-pane view.		
	1	
A_IMO_25 If a cellular forensic tool provides a preview-pane view and	1	
a generated report of the acquired data then the reports shall maintain		
consistency of all reported data elements.	1	
A_IMO-26 If modification is attempted to the case file or individual	1	
data elements via third-party means then the tool shall provide		
protection mechanisms disallowing or reporting data modification.	1	
A_IMO-27 If the cellular forensic tool supports a physical acquisition	1	
of the target device then the tool shall successfully complete the		

acquisition and present the data in a human readable format		
acquisition and present the data in a human-readable format.	1	
A_IMO-28 If the cellular forensic tool supports a physical acquisition	1	
of address book entries present on the target device then the tool shall		
report recoverable deleted entries or data remnants in a human-readable		
format.		
A_IMO–29 If the cellular forensic tool supports a physical acquisition	1	
of calendar, tasks, or notes present on the target device then the tool		
shall report recoverable deleted calendar, tasks, or note entries or data		
remnants in a human-readable format.		
A_IMO–30 If the cellular forensic tool supports a physical acquisition	1	
of call logs present on the target device then the tool shall report		
recoverable deleted call log data or data remnants in a human-readable		
format.		
A_IMO–31 If the cellular forensic tool supports a physical acquisition	1	
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-32 If the cellular forensic tool supports a physical acquisition	1	
of EMS messages present on the target device then the tool shall report	1	
recoverable deleted EMS messages or EMS message data remnants in a		
human-readable format.		
A_IMO-33 If the cellular forensic tool supports a physical acquisition	1	
of audio files present on the target device then the tool shall report	1	
recoverable deleted audio data or audio file data remnants in a human-		
readable format.		
	1	
A_IMO_34 If the cellular forensic tool supports a physical acquisition	1	
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.	1	
A_IMO –35 If the cellular forensic tool supports a physical acquisition	1	
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.	1	
A_IMO-37 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–39 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_IMO –40 If the cellular forensic tool supports hashing the overall	1	
case file then the tool shall present the user with one hash value		
representing the entire case data.		
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Table 3d: Assertions Tested (Samsung SCH-u410)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	9	rinomary
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	1	
the device is not supported.	1	
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	
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	1	
blank names shall be presented in a human-readable format without		
modification.		
	1	
A_IM-11 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known e-mail addresses associated with		
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		

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be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all maximum length datebook, calendar, note		
entries shall be presented in a human readable format without		
modification.	1	
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–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_IMO-23 If a cellular forensic tool successfully completes acquisition	6	
of the target device then the tool shall present the acquired data without		
modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	6	
of the target device then the tool shall present the acquired data without		
modification in a preview-pane view.		
A_IMO–25 If a cellular forensic tool provides a preview-pane view and	1	
a generated report of the acquired data then the reports shall maintain		
consistency of all reported data elements.		
A_IMO-26 If modification is attempted to the case file or individual	1	
data elements via third-party means then the tool shall provide		
protection mechanisms disallowing or reporting data modification.		
A_IMO-27 If the cellular forensic tool supports a physical acquisition	1	3.4
of the target device then the tool shall successfully complete the		
acquisition and present the data in a human-readable format.		
A_IMO-37 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-39 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for	1	
data objects then the tool shall present the user with a hash value 101		

each supported data object.		
A_IMO-40 If the cellular forensic tool supports hashing the overall	1	
case file then the tool shall present the user with one hash value		
representing the entire case data.		

Table 3e: Assertions Tested (Samsung SCH-u740)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	8	
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	6	
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	
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 e-mail addresses associated with		
address book entries shall be presented in a human-readable format		
without modification.		

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
of the target device then all maximum length datebook, calendar, note	
entries 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 10 If a callular formula tool graphs and properly appropriate and prope	1
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.	1
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_IMO–23 If a cellular forensic tool successfully completes acquisition	6
of the target device then the tool shall present the acquired data without	
modification via supported generated report formats.	
A_IMO–24 If a cellular forensic tool successfully completes acquisition	6
of the target device then the tool shall present the acquired data without	
modification in a preview-pane view.	
A_IMO–25 If a cellular forensic tool provides a preview-pane view and	1
a generated report of the acquired data then the reports shall maintain	
consistency of all reported data elements.	
A_IMO-26 If modification is attempted to the case file or individual	1
data elements via third-party means then the tool shall provide	
* * *	•

protection mechanisms disallowing or reporting data modification.		
A_IMO–27 If the cellular forensic tool supports a physical acquisition	1	3.4
of the target device then the tool shall successfully complete the		
acquisition and present the data in a human-readable format.		
A_IMO–37 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–39 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_IMO-40 If the cellular forensic tool supports hashing the overall	1	
case file then the tool shall present the user with one hash value		
representing the entire case data.		

Table 3f: Assertions Tested (Samsung SPH-a660)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	7	
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	5	
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	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 of the target device then all known e-mail addresses associated with address book entries shall be presented in a human-readable format without modification.	1	
	1	
A_IM–12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.	1	
	1	
A_IM–13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.	1	
A_IM–16 If a cellular forensic tool successfully completes acquisition	1	3.2
of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.	1	3.2
A_IMO-23 If a cellular forensic tool successfully completes acquisition	6	
of the target device then the tool shall present the acquired data without modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	6	
of the target device then the tool shall present the acquired data without		
modification in a preview-pane view.	1	
A_IMO–25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.	1	
A_IMO-26 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide	1	
1		
protection mechanisms disallowing or reporting data modification.	4	
A_IMO–27 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.	1	
A_IMO-37 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-39 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for	1	
each supported data object.		
· · · · · · · · · · · · · · · · · · ·	1	
A_IMO_40 If the cellular forensic tool supports hashing the overall	1	
case file then the tool shall present the user with one hash value		
representing the entire case data.	J	

Tables 4a–4f list the assertions that were not tested, usually due to the tool not supporting an optional feature.

Table 4a: Assertions Not Tested (LG VX5400)

Assertions not Tested

- **A_IM-19** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
- **A_IM-22** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.
- **A_IMO**–36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
- **A_IMO–38** If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

Table 4b: Assertions Not Tested (LG VX6100)

- **A_IM-19** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
- **A_IM-22** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.
- **A_IMO-26** 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.
- **A_IMO–28** 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 entries or data remnants in a human-readable format.
- **A_IMO-29** 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 entries or data remnants in a human-readable format.
- **A_IMO–30** 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 log data or data remnants in a human-readable format.
- **A_IMO-31** 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-32** 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-33** 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**–**34** 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**–35 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**–36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
- **A_IMO-37** If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.
- **A_IMO-38** If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

Table 4c: Assertions Not Tested (Motorola V710)

Assertions not Tested

- **A_IMO**–36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
- **A_IMO–38** If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

Table 4d: Assertions Not Tested (Samsung SCH-u410)

- **A_IM-19** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
- **A_IM-22** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.
- **A_IMO–28** 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 entries or data remnants in a human-readable format.
- **A_IMO-29** 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 entries or data remnants in a human-readable format.
- **A_IMO**–30 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 log data or data remnants in a human-readable format.
- **A_IMO–31** 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-32** 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–33** 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**–**34** 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–35** 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**–36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
- **A_IMO**–38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

Table 4e: Assertions Not Tested (Samsung SCH–u740)

- **A_IM-15** If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.
- **A_IMO–28** 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 entries or data remnants in a human-readable format.
- **A_IMO-29** 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 entries or data remnants in a human-readable format.
- **A_IMO**–30 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 log data or data remnants in a human-readable format.
- **A_IMO-31** 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–32** 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–33** 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-34** 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–35** 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**–36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
- **A_IMO**–38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

Table 4f: Assertions Not Tested (Samsung SPH-a660)

- **A_IM-15** If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.
- **A_IM-17** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.
- **A_IM-18** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.
- **A_IM-19** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
- **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 forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.
- **A_IM-22** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.
- **A_IMO–28** 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 entries or data remnants in a human-readable format.
- **A_IMO-29** 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 entries or data remnants in a human-readable format.
- **A_IMO–30** 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 log data or data remnants in a human-readable format.
- **A_IMO-31** 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–32** 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–33** 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**–**34** 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–35** 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**–36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
- **A_IMO**–38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

3.1 Acquisition of Address Book Entries

Address book entries are not acquired for the LG VX6100. When selecting data type: Phonebook and attempting acquisition the following error occurs: Error reading phonebook. Try to reacquire device. Multiple acquire attempts were attempted, all unsuccessful.

3.2 Acquisition of Text Message Metadata

Text messages with a status of "Read" for the LG VX5400 are reported with a status of "Unread". Additionally, the "sender" and "receipt" numbers are incorrectly reported (i.e., the *From* and *To* numbers contain the same data).

Text messages acquired from the LG VX6100 do not report the receipt number.

Text messages acquired from the Samsung SPH–a660 report the textual portion of the message in the "Number" field.

3.3 Acquisition of MMS Related Data

Graphic files associated with MMS data are not displayed for the LG VX5400 in either the preview pane or the generated report.

3.4 Physical Acquisition

When selecting "Memory Dump" for the LG VX6100 the following error was reported: Status: Failed, Action: Acquisition, Result: Connection was broken, Advice: The physical connection between the device and PC has been lost, please check cable connection. The cable connection was properly attached, acquisition was reattempted and unsuccessful.

When selecting "GUID properties" for the Samsung SCH–u410, SCH–u740 the following error was reported: Error reading GUID properties. Try to reacquire 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 4 Test Results Report Key

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from Non-GSM Mobile Tool Test
	Assertions and Test Plan Version 1.1.
Assertions:	The test assertions applicable to the test case, selected from
	Non-GSM Mobile Device Tool Test Assertions 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.
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 (LG VX5400)

	-IM-01 (LO VX3400) -IM-01 Device Seizure Ver	sion 3.1 build 3345.32887
Case		e device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth,	
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, ilsii,
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 11 08:42:09 EDT	2009
Device:	LG_vx5400	2007
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
	1 1	VIGCO DETECTO

Test Case CFT	-IM-01 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 11 08:42:09 EDT 2009 Acquisition finished: Wed Mar 11 08:54:39 EDT 2009 Device connectivity was established via supported inter	face
Results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected
Analysis:	Expected results achieved	

5.2.2 CFT-IM-02 (LG VX5400)

Test Case CFT	-IM-02 Device Seizure Vers	ion 3.1 build 3345.32887
Case		al memory acquisition of a non-supported mobile
Summary:	device.	
Assertions:	A IM-02 If a cellular for	rensic tool attempts to connect to a non-supported
		ll have the ability to identify that the device is
	not supported.	
ester Name:	rpa	
est Host:	Morrisy	
est Date:	Wed Mar 11 09:02:40 EDT 2	2009
evice:	non_supported_device	
ource	OS: WIN XP	
etup:	Interface: cable	
Coup	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	naaress soon sherres	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
	The Manual Control	Outgoing - Deleted
	Text Messages	T ' 010 D 1
		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	<u> </u>
	1.000000000	Incoming Audio
		Incoming Image
		Incoming Image Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
	 	,1400 0010004

Test Case CFT	-IM-02 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 11 09:02:40 EDT 2009	
	Acquisition finished: Wed Mar 11 09:04:01 EDT 2009	
	Identification of non-supported devices was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	Assertion & Expected Result A_IM-02 Identification of non-supported devices.	Actual Result as expected

5.2.3 CFT-IM-03 (LG VX5400)

Test Casa Com	-IM-03 (LO VX3400)	zion 3 1 build 3345 32887
Case CFT		evice internal memory acquisition and interrupt
Summary:	connectivity by interface	
Assertions:		rensic tool provides support for connectivity of
UDDET CIOND.	_	ne tool shall successfully recognize the target
		opported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool encounters disengagement between the
		nen the application shall notify the user that
	connectivity has been dis	
	Connectivity has been an	or apreca.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 11 09:04:18 EDT 2	2009
Device:	LG_vx5400	
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 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 11 09:04:18 EDT 2009 Acquisition finished: Wed Mar 11 09:06:10 EDT 2009 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	

5.2.4 CFT-IM-04 (LG VX5400)

	-IM-04 (LO VX3400)	sion 3 1 build 3345 32887
Case CF1		device internal memory and review reported data
Summarv:	_	generated reports for readability.
Assertions:		rensic tool provides support for connectivity of
UNDET CIOID.		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.	rieadable format via efficiel a preview pane of
	generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Mar 11 09:11:49 EDT	2009
Device:	LG vx5400	
Source	OS: WIN XP	
Setup:	Interface: cable	
Decap	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	Dilli Dillimito
	Indicas Book Entires	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
	Chand alan 3 : 513	Outgoing Video
	Stand-alone data files	- 11
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
	1 1	Video - Deleted
	1 1	

Test Case CFT	-IM-04 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 11 09:11:49 EDT 2009 Acquisition finished: Wed Mar 11 09:15:21 EDT 2009 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. A_IM-04 Readability and completeness of acquired data via supported reports.	as expected as expected
Analysis:	Expected results achieved	

5.2.5 CFT-IM-05 (LG VX5400)

	-TM-05 (LO VX3+00)	rsion 3.1 build 3345.32887
Case		e device internal memory and review reported
Summary:	_	t related information (i.e., MEID, MSISDN).
Assertions:		orensic tool provides support for connectivity of
	_	the tool shall successfully recognize the target
	device via all vendor su	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
	the target device then e	equipment related information shall be presented in
	a human-readable format	without modification.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Mar 11 09:15:44 EDT	2009
Device: Source	LG_vx5400 OS: WIN XP	
Setup:	Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	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	
		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
	Stand-alone data files	Outgoing Video

Test Case CFT	-IM-05 Device Seizure Version 3.1 build 3345.32887	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 11 09:15:44 EDT 2009	
	Acquisition finished: Wed Mar 11 09:22:45 EDT 2009	
	Device connectivity was established via supported interface	
	Readability and completeness of acquired data was successful	
	MSISDN was not acquired - NA	
	notes was not adjusted in	
	Notes:	
	The ESN was acquired in the NV Memory Dump under the NV_ESN :	folder.
Results:		
Rebuieb.	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.	NA
	A_IM-06 Acquisition of MEID.	as expected
Analysis:	Expected results achieved	

5.2.6 CFT-IM-06 (LG VX5400)

Test Case CFT	'-TM-06 Device Seizure Ver	rsion 3.1 build 3345.32887
Case		e device internal memory and review reported PIM
Summary:	related data.	device internal memory and review reported in
Assertions:		prensic tool provides support for connectivity of
		the tool shall successfully recognize the target
	device via all vendor su	upported 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.	exercia tool avageaafully aempletes easyisition of
		prensic tool successfully completes acquisition of all known address book entries shall be presented in
	a human-readable format	-
		prensic tool successfully completes acquisition of
		all known maximum length address book entries shall
	_	-readable format without modification.
	A_IM-09 If a cellular fo	orensic tool successfully completes acquisition of
	the target device then a	all known address book entries containing special
	_	sented in a human-readable format without
	modification.	
		prensic tool successfully completes acquisition of
	_	all known address book entries containing blank
	_	d in a human-readable format without modification. brensic tool successfully completes acquisition of
	-	all known email addresses associated with address
		resented in a human-readable format without
	modification.	
	A_IM-12 If a cellular fo	prensic tool successfully completes acquisition of
	the target device then a	all known graphics associated with address book
	entries shall be present	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.
	-	orensic tool successfully completes acquisition of
	the target device then a	all maximum length datebook, calendar, note entries
	the target device then a	
Tester	the target device then a	all maximum length datebook, calendar, note entries
Tester Name:	the target device then a shall be presented in a	all maximum length datebook, calendar, note entries
	the target device then a shall be presented in a rpa Morrisy	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date:	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 OS: WIN XP	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 OS: WIN XP Interface: cable DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 OS: WIN XP Interface: cable DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 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	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 Missed
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 Deleted Entry Special Character Missed Missed - Deleted
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 Missed Missed Missed - Deleted Incoming
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 Missed Missed Missed - Deleted Incoming Incoming - Deleted
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 Missed Missed Missed - Deleted Outgoing Data ELEMENTS Maximum length Regular Length Deleted Entry Special Character
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Wed Mar 11 09:24:02 EDT LG_vx5400 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 Missed Missed Missed - Deleted Incoming Incoming - Deleted

	I-IM-06 Device Seizure Versio		
		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	outgoing EMS - Defeted	
	<u> </u>	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Timage Outgoing Video	
	Stand-alone data files	oudgoing video	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	Acquisition finished: Wed M	ar 11 09:24:02 EDT 2009 Mar 11 09:32:17 EDT 2009	
	Device connectivity was est	Mar 11 09:32:17 EDT 2009 Cablished via supported interface so of acquired data was successful ere successfully acquired	
Results:	Device connectivity was est Readability and completenes All address book entries we	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful are successfully acquired equired	Actual Result
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful are successfully acquired equired	
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac Assertion & Expected Resul A_IM-01 Device connectivit A_IM-04 Readability and co	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful acquired acquired acquired acquired	Result
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac Assertion & Expected Resul	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful acquired acquired Lt Ly via supported interfaces. Completeness of acquired data via	Result as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac Assertion & Expected Resul A_IM-01 Device connectivit A_IM-04 Readability and co supported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of max	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful acquired acquired Captured Ca	as expected as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac ASSERTION & EXPECTED RESULT A_IM-01 Device connectivity A_IM-04 Readability and consupported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of maxed entries. A_IM-09 Acquisition of add A_IM-09 Acquisition of add	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful acquired acquired Captured Ca	as expected as expected as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac Assertion & Expected Resul A_IM-01 Device connectivit A_IM-04 Readability and co supported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of max entries. A_IM-09 Acquisition of add special characters. A_IM-10 Acquisition of add	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful ere successfully acquired equired Lt Ly via supported interfaces. Completeness of acquired data via dress book entries. Kimum length address book	as expected as expected as expected as expected as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac Assertion & Expected Resul A_IM-01 Device connectivit A_IM-04 Readability and consupported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of maxematics. A_IM-09 Acquisition of add special characters. A_IM-10 Acquisition of add special characters. A_IM-10 Acquisition of add special characters.	dar 11 09:32:17 EDT 2009 cablished via supported interface as of acquired data was successful ere successfully acquired equired cquired Lt cy via supported interfaces. completeness of acquired data via dress book entries. kimum length address book dress book entries containing	as expected as expected as expected as expected as expected as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac A_IM-01 Device connectivit A_IM-04 Readability and co supported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of max entries. A_IM-09 Acquisition of add special characters. A_IM-10 Acquisition of add blank name entry. A_IM-11 Acquisition of emb address book entries.	Mar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful pre successfully acquired acquired Cy via supported interfaces. Completeness of acquired data via acquired address book entries. Committee acquired containing acquires book entries containing acquires book entries containing acquired email addresses within	as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac A_IM-01 Device connectivit A_IM-04 Readability and co supported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of max entries. A_IM-09 Acquisition of add special characters. A_IM-10 Acquisition of add blank name entry. A_IM-11 Acquisition of emb address book entries. A_IM-12 Acquisition of emb book entries.	dar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful pre successfully acquired acquired Cy via supported interfaces. Completeness of acquired data via acquired data via acquired acquired data via acquired book entries. Completeness book entries containing acquires book entries containing acquired data via ac	as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac A_IM-01 Device connectivit A_IM-04 Readability and consupported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of add A_IM-09 Acquisition of add special characters. A_IM-10 Acquisition of add blank name entry. A_IM-11 Acquisition of emb address book entries. A_IM-12 Acquisition of emb book entries. A_IM-13 Acquisition of PIM notes).	dar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful pre successfully acquired acquired Cy via supported interfaces. Completeness of acquired data via acquired data via acquired data via acquired book entries. Completeness book entries containing acquires book entries containing acquired data via acquired da	as expected
Results:	Device connectivity was est Readability and completenes All address book entries we ALL PIM related data was ac A_IM-01 Device connectivit A_IM-04 Readability and co supported reports. A_IM-07 Acquisition of add A_IM-08 Acquisition of max entries. A_IM-09 Acquisition of add special characters. A_IM-10 Acquisition of add blank name entry. A_IM-11 Acquisition of emb address book entries. A_IM-12 Acquisition of emb book entries. A_IM-13 Acquisition of PIM	dar 11 09:32:17 EDT 2009 Cablished via supported interface as of acquired data was successful pre successfully acquired acquired Cy via supported interfaces. Completeness of acquired data via acquired data via acquired data via acquired book entries. Completeness book entries containing acquires book entries containing acquired data via acquired da	as expected

5.2.7 CFT-IM-07 (LG VX5400)

	:-IM-07 (LO VX3400)	sion 3 1 build 3345 32887
Case	,	e device internal memory and review reported call
Summary:	logs.	
Assertions:		
ASSEL CIUIIS:		the tool shall successfully recognize the target
		upported 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.	reducible format via efficie a preview pane of
	_	orensic tool successfully completes acquisition of
		all call logs (incoming/outgoing) shall be presented
		nat without modification.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Mar 16 14:26:23 EDT	2009
Device:	LG_vx5400	2009
Source	OS: WIN XP	
Setup:	Interface: cable	
Бесар.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	Address Book Entires	Maximum I ongth
		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 - Onlead Incoming SMS - Deleted
		Outgoing SMS - Defeted
		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
		Incoming Video Outgoing Audio
		Incoming Video Outgoing Audio Outgoing Image
	Standalone data files	Incoming Video Outgoing Audio
	Stand-alone data files	Incoming Video Outgoing Audio Outgoing Image Outgoing Video
	Stand-alone data files	Incoming Video Outgoing Audio Outgoing Image Outgoing Video Audio
	Stand-alone data files	Incoming Video Outgoing Audio Outgoing Image Outgoing Video

Test Case CFT	-IM-07 Device Seizure Version 3.1 build 3345.32887	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Mon Mar 16 14:26:23 EDT 2009	
	Acquisition finished: Mon Mar 16 14:27:41 EDT 2009	
	Device connectivity was established via supported interface Readability and completeness of acquired data was successfu	
	All Call Logs (incoming, outgoing) were acquired	
	Notes: Call log data is reported under the PIM folder within the F folder.	ile System
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	

5.2.8 CFT-IM-08 (LG VX5400)

	:-IM-08 Device Seizure Ver	sion 3 1 build 3345 32887
Case CF1		e device internal memory and review reported text
Summary:	messages.	
Assertions:		
ASSELCIONS.		the tool shall successfully recognize the target
	_	upported 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.	reducible format via effect a preview pane of
	_	orensic tool successfully completes acquisition of
	_	all text messages (i.e., SMS, EMS) messages shall be
		dable format without modification.
Tester	rpa	
Name:	_	
Test Host:	Morrisy	
Test Date:	Wed Mar 11 09:34:45 EDT	2009
Device:	LG_vx5400	
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	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS - Deleted
		3 3
		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
	Ghand alam: 3:1: 5:3	Outgoing video
	Stand-alone data files	
		Audio
		Audio - Deleted Image

Test Case CFT	-IM-08 Device Seizure Version 3.1 build 3345.32887			
	Image - Deleted			
	Video			
	Video - Deleted			
Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Wed Mar 11 09:34:45 EDT 2009			
	Acquisition finished: Wed Mar 11 09:45:45 EDT 2009			
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful			
	ALL text messages (SMS, EMS) were acquired			
	Notes:			
	Multiple messages with a status of "READ" are reported with a	a status of		
	"UNREAD".			
	Sender and Receipt numbers are incorrectly reported, the FROM	M and TO fields		
	contain the same phone number.			
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.	Partial		
Analysis:	Partial results achieved			

5.2.9 CFT-IM-09 (LG VX5400)

	'-IM-09 Device Seizure Ver	sion 3.1 build 3345.32887		
Case		device internal memory and review reported MMS		
Summary:	multi-media related data (i.e., text, audio, graphics, video).			
Assertions:	A_IM-01 If a cellular fo	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 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-17 If a cellular fo	rensic tool successfully completes acquisition of		
	the target device then a	ll MMS messages and associated audio shall be		
	presented properly witho	ut modification.		
	A_IM-18 If a cellular fo	rensic tool successfully completes acquisition of		
	the target device then a	ll MMS messages and associated images shall be		
	presented properly witho	ut modification.		
	A_IM-19 If a cellular fo	rensic tool successfully completes acquisition of		
	the target device then a	ll MMS messages and associated video shall be		
	presented properly witho	ut modification.		
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Wed Mar 11 10:34:37 EDT	2009		
Device:	LG_vx5400			
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	outgoing Deleted		
	Tene nessages	Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS - Defeted		
		Outgoing SMS - Deleted Incoming EMS - Read		
	1.1	Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Incoming EMS - Deleted Outgoing EMS		
		Incoming EMS - Deleted		
	MMS Messages	Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted		
	MMS Messages	Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio		
	MMS Messages	Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image		
	MMS Messages	Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio		

Test Case CFT	-IM-09 Device Seizure Vers	ion 3.1 build 3345.32887		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
		Video - Deleted		
Log	Created By Device Seizure	e Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Wed			
55		Mar 11 10:38:20 EDT 2009		
	-			
	Device connectivity was e	established via supported interface		
	Readability and completeness of acquired data was successful			
	Audio MMS messages were a	cquired		
	Partial image MMS message			
	Video MMS messages were not acquired - NA			
	Notes:	1 11 100		
	Graphical images associated with MMS messages were not displayed in either			
	the GUI or the generated report. The data for the associated graphic file has to be manually carved.			
	las to be mainually carved			
Results:				
1.054105	Assertion & Expected Res	sult	Actual	
			Result	
	A IM-01 Device connectiv	vity via supported interfaces.	as expected	
		completeness of acquired data via	as expected	
	supported reports.	-		
	A_IM-17 Acquisition of a	audio MMS messages.	as expected	
	A_IM-18 Acquisition of i		Partial	
	A_IM-19 Acquisition of v	video MMS messages.	Not	
			applicable	
Analysis:	Partial results achieved			

5.2.10 CFT-IM-10 (LG VX5400)

	-IM-10 Device Seizure Ver	•
Case		device internal memory and review reported stand-
Summary:	alone multi-media data (i.e., audio, graphics, video).	
Assertions:	A_IM-01 If a cellular fo	rensic tool provides support for connectivity of he tool shall successfully recognize the target
	device via all vendor su	pported interfaces (e.g., cable, Bluetooth, IrDA). rensic tool successfully completes acquisition of
	the target device then t	he tool shall have the ability to present acquiredreadable format via either a preview-pane or
		rensic tool successfully completes acquisition of
		ll stand-alone audio files shall be playable via cation or suggested third-party application without
	A_IM-21 If a cellular forensic tool successfully completes acquist the target device then all stand-alone image files shall be viewal either an internal application or suggested third-party application	
	modification. A_IM-22 If a cellular fo	rensic tool successfully completes acquisition of
	_	ll stand-alone video files shall be viewable via cation or suggested third-party application without
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 11 12:46:16 EDT	2009
Device:	LG_vx5400	
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	Foreign Entry
	PIM Data	Marrimum Longth
		Maximum Length
		Regular Length Deleted Entry
		*
	Gall Tarr	Special Character
	Call Logs	Minard
		Missed - Deleted
		Incoming Deleted
		Incoming - Deleted Outgoing
		Outgoing - Deleted
	Text Messages	Outgoing - Defeted
	Text Messages	Incoming SMS - Read
		Incoming SMS - Read Incoming SMS - Unread
		Incoming SMS - Unread Incoming SMS - Deleted
		Outgoing SMS - Defeted
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read Incoming EMS - Deleted
		Outgoing EMS - Poloted
	MMC Moggagge	Outgoing EMS - Deleted
	MMS Messages	Indomina Audio
		Incoming Audio

Test Case CF1	-IM-10 Device Seizure Vers	sion 3.1 build 3345.32887	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log	Created By Davida Caigura	e Version 3.1 build 3345.32887	
Highlights:	-	Mar 11 12:46:16 EDT 2009	
підпітупсь.		d Mar 11 12:40:10 EDT 2009	
	Acquisition finished. Wed	1 MAI 11 12:31:30 ED1 2009	
	Device connectivity was a	established via supported interface	
	1	ness of acquired data was successful	
	Audio files were acquired		
	Image files were acquired		
	Video files were not acqu	uired - NA	
	_		
Results:			
	Assertion & Expected Result Actual		
			Result
		vity via supported interfaces.	as expected
		completeness of acquired data via	as expected
	supported reports.		
		stand-alone audio files.	as expected
		stand-alone graphic files.	as expected
	A_IM-22 Acquisition of	stand-alone video files.	Not
			applicable
		1	
Analysis:	Expected results achieved	i l	

5.2.11 CFT-IMO-01 (LG VX5400)

Test Case CFT	-IMO-01 Device Seizure Ver	sion 3.1 build 3345.32887	
Case		e device internal memory and review reported data	
Summary:	via supported generated report formats.		
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall present the acquired data with		
	modification via supporte	ed generated report formats.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Mar 11 12:55:27 EDT 2	2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable DATA OBJECTS		
	Address Book Entries	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	
		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 - Read Incoming EMS - Unread	
		Incoming EMS - Onread Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	3 3	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log	Created By Device Seizure	e Version 3.1 build 3345.32887	

Test Case CFT	-IMO-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 11 12:55:27 EDT 2009	
	Acquisition finished: Wed Mar 11 12:58:03 EDT 2009	
	Complete representation of known data via generated report	s was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.12 CFT-IMO-02 (LG VX5400)

	-IMO-02 Device Seizure Ver	-	
Case		e device internal memory and review reported data	
Summary:	via the preview-pane.		
Assertions:	A_IMO-24 If a cellular forensic tool successfully completes acquisition		
IIDDCI CIOID		he tool shall present the acquired data without	
	modification in a preview		
	modified in a proviet	" Falls 12s".	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Mar 11 12:58:24 EDT 2	2009	
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
оссир.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	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	LOTETAN BUCTÀ	
	PIM Data	Maradanana Taranth	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	Gall Tann	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	
		VIGCO DETECCO	

Test Case CFT	-IMO-02 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 11 12:58:24 EDT 2009	
	Acquisition finished: Wed Mar 11 13:01:42 EDT 2009	
	Complete representation of known data via preview-pane was	s successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

5.2.13 CFT-IMO-03 (LG VX5400)

	1-11VIO-03 (LG VA540	•	
	-IMO-03 Device Seizure Ver	sion 3.1 build 3345.32887 e device internal memory and compare reported data	
Case Summary:	-	s device internal memory and compare reported data supported generated reports.	
Assertions:		prensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without		
	5	ed generated report formats.	
	A_IMO-24 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then the	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.	
Maghan Namat			
Tester Name: Test Host:	rpa Morrisy		
Test Date:		2002	
Device:	Wed Mar 11 13:02:31 EDT 2009 LG vx5400		
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 - Read Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		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 :	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Audio	
		Audio - Deleted	
		Image	
		Image Image - Deleted	

Test Case CFT	-IMO-03 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 11 13:02:31 EDT 2009 Acquisition finished: Wed Mar 11 13:07:31 EDT 2009 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	accessful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Analysis:	Expected results achieved	

5.2.14 CFT-IMO-04 (LG VX5400)

	·IMO-04 Device Seizure Ver	sion 3.1 build 3345.32887
Case		ssful mobile device internal memory acquisition,
Summary:		third party means and attempt to re-open the case.
Assertions:		is attempted to the case file or individual data
	elements via third-party	means then the tool shall provide protection
	mechanisms disallowing on	r reporting data modification.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 11 13:09:55 EDT 2	2009
Device:	LG_vx5400	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	Marrimum I anath
		Maximum Length Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	5
		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
	MMC Modernes	Outgoing EMS - Deleted
	MMS Messages	Ingoming Audio
		Incoming Audio
		Incoming Image Incoming Video
		Outgoing Audio
		7
		Outgoing Image
	Stand-alone data files	Outgoing Video
	Scand-arone data riles	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
		ATMED - DETECEM
Log	Created By Device Seizure	e Version 3.1 build 3345.32887
3		

Test Case CFT	-IMO-04 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 11 13:09:55 EDT 2009	
	Acquisition finished: Wed Mar 11 13:13:00 EDT 2009	
	Notification of modified case data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-26 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

5.2.15 CFT-IMO-05 (LG VX5400)

	1-11VIO-05 (LG VA540	•	
		rsion 3.1 build 3345.32887	
Case	CFT-IMO-05 Perform a physreadability.	sical acquisition and review data output for	
Summary: Assertions:	-	prensic tool successfully completes acquisition of	
ASSELCIONS.		he tool shall present the acquired data without	
	_	ed generated report formats.	
		prensic tool successfully completes acquisition of	
	_	he tool shall present the acquired data without	
	modification in a preview		
	_	forensic tool supports a physical acquisition of	
		he tool shall successfully complete the acquisition	
	and present the data in a	a human-readable format.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Mar 11 13:26:25 EDT 2009		
Device:	LG_vx5400		
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	
	MMC Man	Outgoing EMS - Deleted	
	MMS Messages	To send on Public	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	- 11	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	

Test Case CFT	-IMO-05 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 11 13:26:25 EDT 2009 Acquisition finished: Thu Mar 12 07:40:10 EDT 2009 Complete representation of known data via generated reports w Complete representation of known data via preview-pane was su Physical Acquisition: readability and completeness was succes	ccessful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected
Analysis:	Expected results achieved	

5.2.16 CFT-IMO-06 (LG VX5400)

	'-IMO-00 (LO VX340	rsion 3.1 build 3345.32887
Case		sical acquisition and review reports for
Summary:	recoverable deleted data	
Summary: Assertions:	A_IMO-23 If a cellular fithe target device then the modification via support A_IMO-24 If a cellular for the target device then the modification in a preview A_IMO-28 If the cellular address book entries preveport recoverable delettreadable format. A_IMO-29 If the cellular calendar, tasks, or note report recoverable delethuman-readable format. A_IMO-30 If the cellular	orensic tool successfully completes acquisition of he tool shall present the acquired data without ed generated report formats. orensic tool successfully completes acquisition of he tool shall present the acquired data without
	format. A_IMO-31 If the cellular SMS messages present on recoverable deleted SMS readable format. A_IMO-32 If the cellular EMS messages present on recoverable deleted EMS readable format. A_IMO-33 If the cellular audio files present on the recoverable deleted audio readable format. A_IMO-34 If the cellular graphic files present on recoverable deleted graph buman-readable format. A_IMO-35 If the cellular video files present on the cellular contact of the	forensic tool supports a physical acquisition of the target device then the tool shall report messages or SMS message data remnants in a human-forensic tool supports a physical acquisition of the target device then the tool shall report messages or EMS message data remnants in a human-forensic tool supports a physical acquisition of the target device then the tool shall report of data or audio file data remnants in a human-forensic tool supports a physical acquisition of the target device then the tool shall report of data or audio file data remnants in a human-forensic tool supports a physical acquisition of the target device then the tool shall report hic file data or graphic file data remnants in a forensic tool supports a physical acquisition of the target device then the tool shall report of file data or video file data remnants in a human-
Tester	rpa	
Name:	- F	
Test Host:	Morrisy	
Test Date:	Fri Mar 13 07:32:52 EDT	2009
Device:	LG_vx5400	
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	Mandaum Tanakh
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logg	
	Call Logs	
	Call Logs	Missed
	Call Logs	Missed Missed - Deleted

_ CDC CASE CF.	T-IMO-06 Device Seizure Ver		
		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	
	MMC Magazana	Outgoing EMS - Deleted	
	MMS Messages	Indomina Audio	
		Incoming Audio Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Addio Outgoing Image	
		Outgoing Video	
	Stand-alone data files	5 1	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log	_	e Version 3.1 build 3345.32887	
-	Acquisition started: Fri Acquisition finished: Fri Complete representation	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports w	
Log Highlights:	Acquisition started: Fri Acquisition finished: Fri Complete representation Complete representation Physical Acquisition: real Deleted address book entropoleted PIM data was not	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports work known data via preview-pane was suadability and completeness was successives were not recovered recovered	ıccessful
-	Acquisition started: Fri Acquisition finished: Fri Complete representation of Complete representation of Physical Acquisition: respected address book entrapeleted PIM data was not Deleted Call log data was	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports we see that will be seen that the see that we see	uccessful
-	Acquisition started: Fri Acquisition finished: Fri Complete representation Complete representation: Physical Acquisition: real Deleted address book entropleted PIM data was not Deleted Call log data was Deleted text message data	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful and completeness was successful as were not recovered so not recovered as was not recovered	uccessful
-	Acquisition started: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book entropoleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Dele	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful to the control of th	uccessful
-	Acquisition started: Fri Acquisition finished: Fri Complete representation Complete representation: Physical Acquisition: real Deleted address book entropleted PIM data was not Deleted Call log data was Deleted text message data	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful to the control of th	uccessful
-	Acquisition started: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book entropoleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful to the control of th	uccessful
Highlights:	Acquisition started: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: read Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was Deleted video data was not Deleted video data was not Deleted data was not Deleted data was Deleted video data was not Deleted video data was	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports we of known data via preview-pane was successful to the control of	uccessful ssful
Highlights:	Acquisition started: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book entropoleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports we of known data via preview-pane was successful to the control of	accessful ssful Actual
Highlights:	Acquisition started: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book enti Deleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was Deleted video data was not Deleted video data was not Deleted PIM Cata was Deleted PIM Cata was Deleted Region of Cata was Deleted Region of Cata was Deleted video data was not Deleted video data	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful and completeness was successful and recovered recovered as not recovered as was not recovered not recovered not recovered recovered was not recovered as most recovered	Actual Result
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Physical Acquisition: real Deleted address book enti Deleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was Deleted video data Was Deleted Vide	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports we of known data via preview-pane was successful to the control of	accessful ssful Actual
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was Deleted video data was Deleted video data was Deleted video data was not Deleted PIM Deleted Real A_IMO-23 Comparison of Deleted Real A_IMO-23 Comparison of Deleted Real Deleted Real A_IMO-23 Comparison of Deleted Real Deleted	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful to the following state of the following state	Actual Result as expected
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation of Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was Deleted graphic data was Deleted video data was Deleted video data was Deleted reports. A_IMO-23 Comparison of Deleted reports. A_IMO-24 Comparison of Deleted Reports.	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful and completeness was successful and recovered recovered as not recovered as was not recovered not recovered not recovered recovered was not recovered as most recovered	Actual Result
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation of Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was Deleted graphic data was Deleted video data was Deleted video data was not Deleted reports. A_IMO-23 Comparison of Impreview-pane.	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were found to the following the following the following the following the following the following transport of the follo	Actual Result as expected as expected
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation of Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was Deleted graphic data was Deleted video data was Deleted video data was not Deleted PIM Deleted Real Deleted PIM Deleted Real Deleted Graphic data was Deleted PIM Deleted Real Deleted PIM Deleted Real Deleted PIM Deleted Real Deleted PIM Deleted Real Dele	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were known data via preview-pane was successful to the following state of the following state	Actual Result as expected
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was Deleted video data was Deleted video data was not Deleted praphic data was Deleted reports. A_IMO-23 Comparison of Degenerated reports. A_IMO-24 Comparison of Degenerated reports. A_IMO-28 Physical acquisitions of Description of Des	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were found to the following the following the following the following the following the following transport of the follo	Actual Result as expected as expected
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation: Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was not Deleted graphic data was Deleted video data was Deleted video data was not Deleted PIM data was not Deleted graphic data was Deleted graphic data was not Deleted proprised at a management of Deleted video data was not Deleted proprised acquision of Deleted Piperview-pane. A_IMO-23 Comparison of Deleted Preview-pane. A_IMO-24 Comparison of Deleted Physical acquision data.	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were for the control of the control	Actual Result as expected as expected as expected
-	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation of Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was Deleted graphic data was Deleted video data was Deleted video data was Deleted video data was not Deleted PIM data was Deleted PIM data was Deleted PIM data was Deleted graphic data was Deleted video data was not Deleted PIM data was not Deleted PIM data was Deleted video data was not Deleted PIM data was Deleted video data was not Deleted PIM data was not Deleted PIM data was Deleted video data was not Deleted PIM data was Deleted video data was not Deleted PIM data was Deleted video data was not Deleted PIM data was Deleted audio data was not Deleted PIM data was not Deleted PIM data was not Deleted PIM data was not Deleted data was not De	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were the following preview-pane was successful to the following preview of the following previous successful the following previous following previous previous following previous previous following previous following previous previous following following previous following f	Actual Result as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Acquisition finished: Fri Acquisition finished: Fri Acquisition finished: Fri Complete representation of Complete representation of Physical Acquisition: real Deleted address book entropeleted PIM data was not Deleted Call log data was Deleted text message data Deleted audio data was Deleted graphic data was Deleted yideo data was Deleted video data was Deleted video data was not Deleted PIM data was Deleted PIM data was Deleted graphic data was Deleted PIM data was Deleted properties of Deleted audio data was not Deleted properties of Deleted PIM data was Deleted video data was not Deleted graphic data was Deleted video data was not Deleted properties of Deleted Research PIM Deleted Resea	Mar 13 07:32:52 EDT 2009 i Mar 13 09:20:26 EDT 2009 of known data via generated reports were for known data via preview-pane was substituted and completeness was successful as not recovered as not recovered as not recovered not recovered of recovered as was not recovered as not recovered as successful as not recovered not recovered as successful as not recovered as successful as successful as successful as a	Actual Result as expected as expected as expected as expected as expected as expected

Test Case CFT	Test Case CFT-IMO-06 Device Seizure Version 3.1 build 3345.32887			
	A_IMO-34 Physical acquisition, recovery of deleted graphic files.	as expected		
	A_IMO-35 Physical acquisition, recovery of deleted video files.	as expected		
Analysis:	Expected results achieved			

5.2.17 CFT-IMO-08 (LG VX5400)

Test Case CFT		ersion 3.1 build 3345.32887	
Case		le device internal memory and review data containing	
Summary:	foreign language charact		
Assertions:	A_IMO-23 If a cellular	forensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without		
	modification via support	ted generated report formats.	
		forensic tool successfully completes acquisition of	
		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	
		ign language characters in their native format	
	without modification.	igh language characters in their hative format	
		r forensic tool supports proper display of foreign	
		then the application should present text messages	
		uage characters in their native format without	
	modification.	dage characters in their hative format without	
	modification.		
Ma a b a s			
Tester	rpa		
Name:	Manualana		
Test Host:	Morrisy	0000	
Test Date:	Thu Mar 12 11:48:26 EDT	2009	
Device:	LG_vx5400		
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 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		
		Incoming Audio	
		-	
		Incoming Image	
		Incoming Video	
	1.1	Outgoing Audio	
		Outgoing Image Outgoing Video	

	I-IMO-08 Device Seizure Ver	sion 3.1 build 3345.32887	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Acquisition started: Thu Acquisition finished: Thu Complete representation o Complete representation o Foreign character Address	Version 3.1 build 3345.32887 Mar 12 11:48:26 EDT 2009 Mar 12 11:51:13 EDT 2009 If known data via generated reports If known data via preview-pane was s book entries were acquired and prosssages were not acquired - NA	uccessful
Results:	Assertion & Expected Res	sult	
			Actual Result
	A_IMO-23 Comparison of k generated reports.	nown device data elements via	Actual Result as expected
	generated reports.	cnown device data elements via	Result
	generated reports. A_IMO-24 Comparison of k preview-pane.	and address book entries containing	Result as expected
	generated reports. A_IMO-24 Comparison of k preview-pane. A_IMO-37 Acquisition of foreign language charact	and address book entries containing	as expected as expected
	generated reports. A_IMO-24 Comparison of k preview-pane. A_IMO-37 Acquisition of foreign language charact	address book entries containing ters. outgoing text messages containing	Result as expected as expected as expected
	generated reports. A_IMO-24 Comparison of k preview-pane. A_IMO-37 Acquisition of foreign language charact A_IMO-38 Acquisition of	address book entries containing ters. outgoing text messages containing	Result as expected as expected as expected Not

5.2.18 CFT-IMO-09 (LG VX5400)

Test Case CFT	-IMO-09 Device Seizure Ver	sion 3.1 build 3345.32887	
Case	CFT-IMO-09 Acquire mobile device internal memory and review hash values for		
Summary:	vendor supported data objects.		
Assertions:	: A_IMO-23 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-24 If a cellular forensic tool successfully completes acquisition of		
	the target device then th	ne tool shall present the acquired data without	
	modification in a preview		
	A_IMO-39 If the cellular	forensic tool supports hashing for individual data	
		all present the user with a hash value for each	
	supported data object.		
Tester Name:	rpa .		
Test Host:	Morrisy		
Test Date:	Thu Mar 12 11:52:33 EDT 2	2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Manimum Tanakh	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	777	Foreign Entry	
	PIM Data	26 1 2	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	G-11 T-12	Special Character	
	Call Logs	Mil man d	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
	The set Manager	Outgoing - Deleted	
	Text Messages	To remine CMC Deed	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS - Poloted	
		Outgoing SMS - Deleted	
		Incoming EMS - Read Incoming EMS - Unread	
		-	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	MMC Moggogo	Outgoing EMS - Deleted	
	MMS Messages	Ingoming Audio	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	

Test Case CFT	-IMO-09 Device Seizure Version 3.1 build 3345.32887		
	Video - Deleted		
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Thu Mar 12 11:52:33 EDT 2009 Acquisition finished: Thu Mar 12 12:05:17 EDT 2009 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		
Results:			
	Assertion & Expected Result	Actual Result	
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	
	A_IMO-39 Device hash reporting for individual acquired data objects.	as expected	
Analysis:	Expected results achieved		

5.2.19 CFT-IMO-10 (LG VX5400)

Test Case CFT-IMO-10 (LG VX3400) Test Case CFT-IMO-10 Device Seizure Version 3.1 build 3345.32887		
Case CFT-		
Summarv:	CFT-IMO-10 Acquire mobile device internal memory and review the overall case file hash.	
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of	
ASSELCIONS.		he tool shall present the acquired data without
	9	ed generated report formats.
		orensic tool successfully completes acquisition of
		he tool shall present the acquired data without
	modification in a preview	
		forensic tool supports hashing the overall case
		present the user with one hash value representing
	the entire case data.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Mar 12 15:00:06 EDT 2	2009
Device:	LG_vx5400	
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

Test Case CFT	-IMO-10 Device Seizure Version 3.1 build 3345.32887		
	Video - Deleted		
Log	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Thu Mar 12 15:00:06 EDT 2009		
	Acquisition finished: Thu Mar 12 15:04:48 EDT 2009		
	Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Device hash reporting for overall case file was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	
	A_IMO-40 Device hash reporting for overall case file. as expected		
Analysis:	Expected results achieved		

5.2.20 CFT-IM-01 (LG VX6100)

	TM 01 Dessign dei	rion 2 1 huild 22/E 22007
Case CFT	-IM-01 Device Seizure Vers	
Case Summary:	CFT-IM-01 Acquire mobile device internal memory over supported interfaces	
Assertions:	(e.g., cable, Bluetooth, IrDA). A_IM-01 If a cellular forensic tool provides support for connectivity of	
ABBCI CIONS.	the target device then the tool shall successfully recognize the target	
		pported interfaces (e.g., cable, Bluetooth, IrDA).
Tester	rpa	
Name:	_	
Test Host:	Morrisy	
Test Date:	Mon Mar 16 08:16:21 EDT	2009
Device:	LG_vx6100	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	Mandagan Tanakh
		Maximum Length
		Regular Length, email, picture
		Special Character Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	FOLCERIT BITCE A
	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
	MMC Magning	Outgoing EMS - Deleted
	MMS Messages	Ingomina Audio
		Incoming Audio
		Incoming Image Incoming Video
		3
		Outgoing Audio Outgoing Image
		Outgoing Image Outgoing Video
	Stand-alone data files	ourgoing video
	Scand-arone data files	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
	L	ATMEN - DETECEM

Test Case CFT	-IM-01 Device Seizure Version 3.1 build 3345.32887		
Log Highlights:			
Results:	Assertion & Expected Result	Actual Result	
	A_IM-01 Device connectivity via supported interfaces.	partial	
Analysis:	Partial results achieved		

5.2.21 CFT-IM-02 (LG VX6100)

Case Summary: Assertions:	device.	al memory acquisition of a non-supported mobile	
-	device.		
-			
	A_IM-02 If a cellular forensic tool attempts to connect to a non-supported		
		Il have the ability to identify that the device is	
	not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Mar 16 12:04:32 EDT 2	2009	
Device:	non_supported_device		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	26 1	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry Foreign Entry	
	PIM Data	Foreign Entry	
	rıM Data	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special character	
	Cail logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	<u> </u>	
		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	
T	Constant B. D. J. T. J.	. W	
Log	created By Device Seizure	e Version 3.1 build 3345.32887	

Test Case CFT	-IM-02 Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Mon Mar 16 12:04:32 EDT 2009		
	Acquisition finished: Mon Mar 16 12:05:46 EDT 2009		
	Identification of non-supported devices was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	Assertion & Expected Result A_IM-02 Identification of non-supported devices.	Actual Result as expected	

5.2.22 CFT-IM-03 (LG VX6100)

mask G:=: 5==	TW 03 Paris dei rune Name		
	CFT-IM-03 Device Seizure Version 3.1 build 3345.32887		
Case	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target		
		ne tool shall successfully recognize the target poported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool encounters disengagement between the	
		nen the application shall notify the user that	
	connectivity has been dis		
	connectivity has been an	si apeca.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Mar 16 12:26:16 EDT	2009	
Device:	LG vx6100		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
Ì		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 Device Seizure Version 3.1 build 3345.32887			
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Mon Mar 16 12:26:16 EDT 2009 Acquisition finished: Mon Mar 16 12:31:43 EDT 2009 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		

5.2.23 CFT-IM-04 (LG VX6100)

Test Case CFT-IM-04 (LG VX0100) Test Case CFT-IM-04 Device Seizure Version 3.1 build 3345.32887		
Case Summary:	CFT-IM-04 Acquire mobile device internal memory and review reported data	
Assertions:	via the preview-pane or generated reports for readability. A_IM-01 If a cellular forensic tool provides support for connectivity of	
ASSELLIONS.		ne tool shall successfully recognize the target
	_	opported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
		ne tool shall have the ability to present acquired
		readable format via either a preview-pane or
	generated report.	-readable format via elther a preview-pane of
	generated report.	
Tester	rpa	
Name:	1	
Test Host:	Morrisy	
Test Date:	Mon Mar 16 14:28:53 EDT 2	2009
Device:	LG_vx6100	
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	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	owedornd man pereced
	rand riessages	Incoming Audio
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Image Defected
		Video
		Video Video - Deleted

Test Case CFT	-IM-04 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Mon Mar 16 14:28:53 EDT 2009 Acquisition finished: Mon Mar 16 14:31:43 EDT 2009 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. A_IM-04 Readability and completeness of acquired data via supported reports.	as expected as expected
Analysis:	Expected results achieved	

5.2.24 CFT-IM-05 (LG VX6100)

	-TM-05 Device Seizure Ver	rsion 3.1 build 3345.32887		
Case		e device internal memory and review reported		
Summary:		related information (i.e., MEID, MSISDN).		
Assertions:		prensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target			
		upported interfaces (e.g., cable, Bluetooth, IrDA).		
	_	prensic tool successfully completes acquisition of		
		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 of the target device then subscriber related information shall be presented a human-readable format without modification. A_IM-06 If a cellular forensic tool successfully completes acquisition of			
	_	equipment related information shall be presented in		
	a human-readable format	without modification.		
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Mon Mar 16 12:45:44 EDT	2009		
Device:	LG_vx6100			
Source	OS: WIN XP			
Setup:	Interface: cable DATA OBJECTS	D. W. T.		
	Address Book Entries	DATA ELEMENTS		
	Address Book Elicites	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		
	Call Laws	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 EMS - Unread Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages	1 1		
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			

Test Case CFT	-IM-05 Device Seizure Version 3.1 build 3345.32887				
	Audio				
	Audio - Deleted				
	Image				
	Image - Deleted				
	Video				
	Video - Deleted				
Log	Created By Device Seizure Version 3.1 build 3345.32887				
Highlights:	Acquisition started: Mon Mar 16 12:45:44 EDT 2009				
	Acquisition finished: Mon Mar 16 12:54:19 EDT 2009				
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA				
	Notes: The ESN is located under Properties				
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.	NA			
	A_IM-06 Acquisition of MEID.	as expected			
Analysis:	Expected results achieved				

5.2.25 CFT-IM-06 (LG VX6100)

	'-TM-06 Devide Ceizure Ver	erion 3 1 huild 3345 32887			
Case		e device internal memory and review reported PIM			
Summary:	related data.	device internal memory and review reported rim			
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				
		n-readable format via either a preview-pane or			
	generated report. A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification. A_IM-08 If a cellular forensic tool successfully completes acquisition of				
	the target device then all known maximum length address book entries shall				
	_	-readable format without modification.			
	_	prensic tool successfully completes acquisition of			
	the target device then a	all known address book entries containing special			
	characters shall be pres	sented in a human-readable format without			
	modification.				
	_	prensic tool successfully completes acquisition of			
	_	all known address book entries containing blank			
	_	d in a human-readable format without modification.			
	_	orensic tool successfully completes acquisition of			
		all known email addresses associated with address resented in a human-readable format without			
	modification.	reserved in a maman readable format without			
	A_IM-12 If a cellular forensic tool successfully completes acquisition of				
	the target device then all known graphics associated with address book				
	entries shall be present	ted in a human-readable format without modification.			
	A_IM-13 If a cellular forensic tool successfully completes acquisition of				
	_	all known datebook, calendar, note entries shall be			
	_	adable format without modification.			
	_	prensic tool successfully completes acquisition of			
	_	all maximum length datebook, calendar, note entries			
	shall be presented in a				
1		human readable format without modification.			
Tester	rpa	human readable format without modification.			
Tester Name:	rpa	human readable format without modification.			
	_	numan readable format without modification.			
Name:	Morrisy				
Name: Test Host:	_				
Name: Test Host: Test Date:	Morrisy Mon Mar 16 12:56:21 EDT				
Name: Test Host: Test Date: Device:	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100				
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 OS: WIN XP				
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 OS: WIN XP Interface: cable	2009			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 OS: WIN XP Interface: cable DATA OBJECTS	2009 DATA ELEMENTS			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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 Special Character			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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 Mon Mar 16 12:56:21 EDT LG_vx6100 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 Outgoing			
Name: Test Host: Test Date: Device: Source	Morrisy Mon Mar 16 12:56:21 EDT LG_vx6100 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			

T-IM-06 Device Seizure Vers	
	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

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 not acquired

Notes:

When selecting acquire Phonebook, the acquisition ends with the following error: Error reading Phonebook. Try to reacquire device. If error reoccurs, please send logs to Paraben support team [forensicsupport@paraben.com]

 ${\tt PIM}$ data was acquired by selecting File System acquisition and searching memory for individual ${\tt PIM}$ entries.

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.	Not as expected
A_IM-08 Acquisition of maximum length address book entries.	Not as expected
A_IM-09 Acquisition of address book entries containing special characters.	Not as expected
A_IM-10 Acquisition of address book entries containing a blank name entry.	Not as expected
A_IM-11 Acquisition of embedded email addresses within address book entries.	Not as expected
A_IM-12 Acquisition of embedded graphics within address book entries.	as expected
A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
A_IM-14 Acquisition of maximum length PIM data.	as expected

Test Case CF	T-IM-06 Device Seizure Version 3.1 build 3345.32887
Analysis:	Partial results achieved

5.2.26 CFT-IM-07 (LG VX6100)

	'-IM-07 (LG VXO100	•		
Case		e device internal memory and review reported call		
Summary:	logs.			
Assertions:	-			
110001010110	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-15 If a cellular forensic tool successfully completes acquisition of			
		all call logs (incoming/outgoing) shall be presented		
	in a human-readable form	at without modification.		
Tester	rpa			
Name:				
Test Host:	Morrisy	0000		
Test Date:	Mon Mar 16 13:06:02 EDT	2009		
Device:	LG_vx6100			
Source	OS: WIN XP			
Setup:	Interface: cable DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries	DATA EDEMENTS		
	Address Book Entries	Mandana Tanakh		
		Maximum Length Regular Length, email, picture		
		Special Character Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data	Foreign Energy		
	PIM Data	Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs	Special character		
	Cair hogs	Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages	outgoing beleeted		
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Read Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages	outgoing map beteted		
	Pirio ricabagea	Incoming Audio		
		Incoming Image		
		Incoming Image Incoming Video		
		Outgoing Audio		
		Outgoing Image		
	Ghandadan 3 : 513	Outgoing Video		
	Stand-alone data files	224		
		Audio		
		Audio - Deleted Image		
		1 1 1 2 2 2 2		

Test Case CFT	-IM-07 Device Seizure Version 3.1 build 3345.32887				
	Image - Deleted				
	Video				
	Video - Deleted				
Log	Created By Device Seizure Version 3.1 build 3345.32887				
Highlights:	Acquisition started: Mon Mar 16 13:06:02 EDT 2009				
	Acquisition finished: Mon Mar 16 13:09:48 EDT 2009				
	Device connectivity was established via supported interface				
	Readability and completeness of acquired data was successful				
	All Call Logs (incoming, outgoing) were acquired				
	Notes:				
	Call log data is reported under the PIM folder within the File System				
	folder.				
D 1 + •					
Results:	Assertion & Expected Result	Actual			
	Assertion & Expected Result	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.	1 1 1 1 1 1			
	A_IM-15 Acquisition of call logs.	as expected			
Analysis:	Expected results achieved				

5.2.27 CFT-IM-08 (LG VX6100)

	-IM-08 Device Seizure Ver	<u>*</u>		
Case		device internal memory and review reported text		
Summary:	messages.			
Assertions:				
ABBCI CIOIIB.	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			
		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-16 If a cellular forensic tool successfully completes acquisition o			
	the target device then all text messages (i.e., SMS, EMS) messages shall k			
	presented in a human-rea	dable format without modification.		
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Mon Mar 16 13:14:41 EDT	2009		
Device:	LG_vx6100			
Source	OS: WIN XP			
Setup:	Interface: cable	DAMA DI DMINING		
	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries	Marchan Tanah		
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
	771	Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
	G 11 7	Special Character		
	Call Logs	Minus I		
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted Outgoing		
	Torrt Maggagag	Outgoing - Deleted		
	Text Messages	Indomina CMC - Bood		
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted Outgoing SMS		
		Outgoing SMS - Deleted Incoming EMS - Read		
		Incoming EMS - Read Incoming EMS - Unread		
		Incoming EMS - Unread Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS Outgoing EMS - Deleted		
	MMC Moggacas	ourdoing FWS - Detered		
	MMS Messages	Ingoming Audio		
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
İ	Chand at 1 1 1 1 1	Outgoing Video		
	Stand-alone data files	224		
Ì		Audio		
	1 1	Audio - Deleted		
		Image		

Test Case CFT	-IM-08 Device Seizure Vers	sion 3.1 build 3345.32887			
		Image - Deleted			
		Video			
		Video - Deleted			
	-				
Log	•				
Highlights:	-	Mar 16 13:14:41 EDT 2009			
	Acquisition finished: Mon	n Mar 16 13:19:07 EDT 2009			
	Dovida dannagtivity was	established via supported interface			
	_				
	Readability and completeness of acquired data was successful Partial Text messages were acquired				
	ratital text messages were acquired				
	Notes:				
	The receipt number was not listed for acquired SMS and EMS messages.				
Results:					
	Assertion & Expected Re	sult	Actual		
			Result		
		vity via supported interfaces.	as expected		
		completeness of acquired data via	as expected		
	supported reports.				
	A_IM-16 Acquisition of	text messages.	Partial		
2 2 .					
Analysis:	Partial results achieved				

5.2.28 CFT-IM-09 (LG VX6100)

Test Case CFT	-IM-09 Device Seizure Ver	sion 3.1 build 3345.32887		
Case		device internal memory and review reported MMS		
Summary:	multi-media related data (i.e., text, audio, graphics, video).			
Assertions:	A_IM-01 If a cellular fo	rensic tool provides support for connectivity of		
	the target device then t	he tool shall successfully recognize the target		
	device via all vendor su	pported 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-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. A_IM-18 If a cellular forensic tool successfully completes acquisition the target device then all MMS messages and associated images shall be presented properly without modification.			
	_	rensic tool successfully completes acquisition of		
	the target device then all MMS messages and associated video shall presented properly without modification.			
	presented properly witho	ut modification.		
Tester	rpa			
Name:	Ipa			
Test Host:	Morrisy			
Test Date:	Mon Mar 16 13:23:22 EDT	2009		
Device:	LG vx6100	2007		
Source	OS: WIN XP			
Setup:	Interface: cable			
ъссир.	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries	DATA BEHADATO		
	Address Book Entires	Maximum Longth		
		Maximum Length Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture Deleted Entry		
	PIM Data	Foreign Entry		
	PIM Data	Manimum Tanahla		
		Maximum Length Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs	Special character		
	Call Logs	Missed		
		Missed - Deleted		
		Incoming Polated		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages	Tu namin a GMG . David		
		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		
	<u> </u>			

Test Case CFT	-IM-09 Device Seizure Vers	sion 3.1 build 3345.32887		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
		Video - Deleted		
Log	Created By Device Seizure	e Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Mon	Mar 16 13:23:22 EDT 2009		
	Acquisition finished: Mor	n Mar 16 13:26:51 EDT 2009		
		. 111 1 1 1		
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful Audio MMS messages were acquired			
	Image MMS messages were acquired			
	Video MMS messages were not acquired - NA			
Results:				
	Assertion & Expected Rea	sult	Actual	
			Result	
		vity via supported interfaces.	as expected	
		completeness of acquired data via	as expected	
	supported reports.			
	A_IM-17 Acquisition of a	-	as expected	
	A_IM-18 Acquisition of		as expected	
	A_IM-19 Acquisition of	video MMS messages.	Not	
			applicable	
Analysis:	Expected results achieved	3		
111411010.	CCCCG ICDGICD GCIIICVCC	~		

5.2.29 CFT-IM-10 (LG VX6100)

Test Case CFT-IM-10 Device Seizure Version 3.1 build 3345.32887			
Case CFT-IM-10 Device Seizure Version 3.1 Dulid 3345.32007	reported stand-		
Summary: alone multi-media data (i.e., audio, graphics, video).	reported stand-		
Assertions: A_IM-01 If a cellular forensic tool provides support for c	onnectivity 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			
the target device then the tool shall have the ability to			
data elements in a human-readable format via either a prev			
	rew-pane or		
generated report.			
A_IM-20 If a cellular forensic tool successfully completes			
the target device then all stand-alone audio files shall b			
either an internal application or suggested third-party ap	plication without		
modification.			
A_IM-21 If a cellular forensic tool successfully completes			
the target device then all stand-alone image files shall b			
either an internal application or suggested third-party ap	plication without		
modification.			
A_IM-22 If a cellular forensic tool successfully completes	acquisition of		
the target device then all stand-alone video files shall b	e viewable via		
either an internal application or suggested third-party ap	plication without		
modification.			
Tester rpa			
Name:			
Test Host: Morrisy			
Test Date: Mon Mar 16 13:31:59 EDT 2009			
Device: LG_vx6100			
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	1		
Incoming Foreign EMS - Read			
Incoming EMS - Deleted			
Incoming EMS - Deleted Outgoing EMS			
Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted			
Incoming EMS - Deleted Outgoing EMS			

Test Case CFT	-IM-10 Device Seizure Vers	sion 3.1 build 3345.32887	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
_			
Log Highlights:	_	e Version 3.1 build 3345.32887	
HIGHLIGHTS.	Acquisition started: Mon Mar 16 13:31:59 EDT 2009		
	Acquisition finished: Mon Mar 16 13:44:34 EDT 2009		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	Audio files were acquired		
	Image files were acquired		
	Video files were not acqu	uired - NA	
	_		
Results:			
	Assertion & Expected Re	sult	Actual
	Result		
		vity via supported interfaces.	as expected
	A_IM-04 Readability and	completeness of acquired data via	as expected
	supported reports.		
		stand-alone audio files.	as expected
		stand-alone graphic files.	as expected
	A_IM-22 Acquisition of	stand-alone video files.	Not
			applicable
Analysis:	Expected results achieved	d	

5.2.30 CFT-IMO-01 (LG VX6100)

	-IMO-01 Device Seizure Ver		
Case		e device internal memory and review reported data	
Summary:	via supported generated :	report formats.	
Assertions:	A_IMO-23 If a cellular fo	orensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without		
	modification via supporte	ed generated report formats.	
Tester Name:	rpa		
Test Host:	Morrisy		
	Mon Mar 16 14:00:57 EDT	2000	
Test Date:		2009	
Device:	LG_vx6100		
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	
	<u> </u>	Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		-	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Jeans alone data liles	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		VIGCO DEICCEG	
Log	Created By Device Seizure	e Version 3.1 build 3345.32887	

Test Case CFT	-IMO-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Mon Mar 16 14:00:57 EDT 2009	
	Acquisition finished: Mon Mar 16 14:02:43 EDT 2009	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.31 CFT-IMO-02 (LG VX6100)

Test Case CET	-IMO-02 Device Seizure Ver	-	
Case		e device internal memory and review reported data	
Summary:	via the preview-pane.	device internal memory and review reported data	
Assertions:		prensic tool successfully completes acquisition of	
110001 010110	the target device then the tool shall present the acquired data without		
	modification in a preview		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Mar 16 14:03:16 EDT 2	2009	
Device:	LG vx6100		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	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	roreran muery	
	FIM Data	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Coll Logg	Special Character	
	Call Logs	and a second	
		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	
		,1400 D010004	

Test Case CFT	Test Case CFT-IMO-02 Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Mon Mar 16 14:03:16 EDT 2009			
	Acquisition finished: Mon Mar 16 14:19:43 EDT 2009			
	Complete representation of known data via preview-pane was	successful		
Results:				
	Assertion & Expected Result	Actual		
		Result		
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected		
Analysis:	Expected results achieved			

5.2.32 CFT-IMO-03 (LG VX6100)

	1-1100-03 (LG VX610	•	
		sion 3.1 build 3345.32887	
Case	-	e device internal memory and compare reported data	
Summary:		supported generated reports.	
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition		
	the target device then the tool shall present the acquired data without modification via supported generated report formats. A IMO-24 If a cellular forensic tool successfully completes acquisition		
	_		
	modification in a preview	ne tool shall present the acquired data without	
	_	orensic tool provides a preview-pane view and a	
		acquired data then the reports shall maintain	
	consistency of all report		
	consistency of different	ood dada cidmendi.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Mar 16 14:20:05 EDT 2	2009	
Device:	LG vx6100		
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	10101911 211017	
	TITT Data	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Torrt Maggagag	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	
	1,000	Outgoing EMS - Deleted	
	MMS Messages	- 1 - 11	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
l		image - Defeced	

Test Case CFT	-IMO-03 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Mon Mar 16 14:20:05 EDT 2009 Acquisition finished: Mon Mar 16 14:25:44 EDT 2009 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	ccessful
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Analysis:	Expected results achieved	

5.2.33 CFT-IMO-05 (LG VX6100)

	1-11VIO-05 (LG VX610	•
		sion 3.1 build 3345.32887
Case		sical acquisition and review data output for
Summary:	readability.	
Assertions:		prensic tool successfully completes acquisition of
	9	ne tool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of
	the target device then th	ne tool shall present the acquired data without
	modification in a preview	-
		forensic tool supports a physical acquisition of
	the target device then th	ne tool shall successfully complete the acquisition
	and present the data in a	a human-readable format.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Mar 16 15:07:57 EDT 2	2009
Device:	LG_vx6100	
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 Logg	Special character
	Call Logs	26 m - 2
		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	J. J
	1.10 1.0004900	Incoming Audio
		Incoming Image
		Incoming Image Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio Audio - Deleted

Test Case CFT	-IMO-05 Device Seizure Version 3.1 build 3345.32887			
	Video			
	Video - Deleted			
Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Mon Mar 16 15:07:57 EDT 2009			
	Acquisition finished: Mon Mar 16 15:10:25 EDT 2009			
	Complete representation of known data via generated reports was			
	Complete representation of known data via preview-pane was su			
	Physical Acquisition: readability and completeness was not su	ccessiul		
	Waltan.			
	Notes:	- E-11		
	When selecting "Memory Dump" for the physical acquisition, the error occurs: "Status: Failed, Action: Acquisition, Result: Co	_		
	broken, Advice: The physical connection between the device and the PC has been lost, please check cable connections."			
	been fost, prease check cable connections.			
	The GUID and NV Memory Dump acquires finish successfully.			
	The GOLD and MV Memory Dump acquires liming successfully.			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	A_IMO-23 Comparison of known device data elements via	as expected		
	generated reports.			
	A_IMO-24 Comparison of known device data elements via	as expected		
	preview-pane.			
	A_IMO-27 Readability and completeness of data acquired via	partial		
	a physical acquisition.			
Analysis:	Partial results achieved			

5.2.34 CFT-IMO-09 (LG VX6100)

	1-1MO-09 (LG VX610	-	
	-IMO-09 Device Seizure Ver		
Case	_	e device internal memory and review hash values for	
Summary:	vendor supported data obj		
Assertions:			
	the target device then the tool shall present the acquired data without modification via supported generated report formats.		
		prensic tool successfully completes acquisition of	
		ne tool shall present the acquired data without	
	modification in a preview		
		forensic tool supports hashing for individual data	
		all present the user with a hash value for each	
	supported data object.	are proposed one upor wrom a maph varue ror edon	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Mar 16 14:52:12 EDT 2	2009	
Device:	LG vx6100		
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	Special character	
	Cail Bogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	odegoing Defeedd	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Vnread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	10/0 //	Outgoing EMS - Deleted	
	MMS Messages	Ingoming Audio	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
l			
		Image - Deleted	

Test Case CFT-IMO-09 Device Seizure Version 3.1 build 3345.32887			
	Video - Deleted		
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Mon Mar 16 14:52:12 EDT 2009 Acquisition finished: Mon Mar 16 14:53:08 EDT 2009 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	successful	
Results:	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-39 Device hash reporting for individual acquired data objects.	Actual Result as expected as expected as expected	
Analysis:	Expected results achieved		

5.2.35 CFT-IMO-10 (LG VX6100)

5.2.35 OI I-INO-10 (LO VACIOO)		
Test Case CFT-IMO-10 Device Seizure Version 3.1 build 3345.32887		
Case	CFT-IMO-10 Acquire mobile device internal memory and review the overall	
Summary:	case file hash.	
Assertions:	A_IMO-23 If a cellular fo	prensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
	modification via supporte	ed generated report formats.
	A_IMO-24 If a cellular fo	orensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
	modification in a preview	w-pane view.
	A_IMO-40 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.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Mar 16 14:55:07 EDT 2	2000
Device:	LG vx6100	2009
Source Setup:	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	•
		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
	1 1	IIIIII DEICECI
		Tmage
		Image
		Image Image - Deleted Video

Test Case CFT	-IMO-10 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Mon Mar 16 14:55:07 EDT 2009 Acquisition finished: Mon Mar 16 15:00:56 EDT 2009 Complete representation of known data via generated reports Complete representation of known data via preview-pane was Device hash reporting for overall case file was successful	
Results:	Assertion & Expected Result	Actual
	Indicated a maperious result	Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-40 Device hash reporting for overall case file.	as expected
Analysis:	Expected results achieved	

5.2.36 CFT-IM-01 (Moto V710)

Test Case CFT	-IM-01 Device Seizure Vers	ion 3.1 build 3345.32887
Case		device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth,	IrDA).
Assertions:	A_IM-01 If a cellular for	rensic tool provides support for connectivity of
	the target device then the	ne tool shall successfully recognize the target
	device via all vendor sug	pported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 08:13:32 EDT 2	2009
Device:	Motorola_v710	
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	
	Traine droite data files	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video Video - Deleted
		AIGEO - DEIECEG
		**
Log	created by Device Seizure	e Version 3.1 build 3345.32887

Test Case CFT	-IM-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 17 08:13:32 EDT 2009	
	Acquisition finished: Tue Mar 17 08:22:19 EDT 2009	
	Device connectivity was established via supported inter	face
Results:		
	Assertion & Expected Result	Actual Result
	A_IM-01 Device connectivity via supported interfaces.	as expected
		_
Analysis:	Expected results achieved	

5.2.37 CFT-IM-02 (Moto V710)

-TM-02 Device Seizure Vers	ion 3.1 build 3345.32887
	al memory acquisition of a non-supported mobile
	ar memory adjuration of a non pupported mobile
	rensic tool attempts to connect to a non-supported
	ll have the ability to identify that the device is
	ir have one abrire, so racherry chae one device is
1111 1111111111	
rpa	
_	2009
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	<u> </u>
1111 5404	Maximum Length
	Regular Length
	Deleted Entry
	Special Character
Call Logs	Special character
0011 1035	Missed
	Missed - Deleted
	Incoming
	Incoming - Deleted
	Outgoing
	Outgoing - Deleted
Text Messages	odegoing beleecd
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	odegoing and Defeced
rano ricabages	Incoming Audio
	Incoming Audio
	Incoming Image Incoming Video
	Outgoing Audio
	Outgoing Image
Chand alone data fill.	Outgoing Video
Stand-alone data files	74.
	Audio
	Audio - Deleted
	Image
	Image - Deleted
	Video
	Video - Deleted
	device. A_IM-02 If a cellular for device then the tool shall not supported. rpa Morrisy Tue Mar 17 08:23:57 EDT 2 non_supported_device OS: WIN XP Interface: cable

Test Case CFT	-IM-02 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 17 08:23:57 EDT 2009	
	Acquisition finished: Tue Mar 17 08:27:38 EDT 2009	
	Identification of non-supported devices was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	Assertion & Expected Result A_IM-02 Identification of non-supported devices.	Actual Result as expected

5.2.38 CFT-IM-03 (Moto V710)

	TW 03 Device Seigure News	
Test Case CFT	-IM-03 Device Seizure Vers	evice internal memory acquisition and interrupt
Case Summary:	connectivity by interface	
Assertions:		rensic tool provides support for connectivity of
ASSETTIONS:		rensic tool provides support for connectivity of ne tool shall successfully recognize the target
		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	
	connectivity has been an	si apeca.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 08:28:28 EDT	2009
Device:	Motorola_v710	
Source	OS: WIN XP	
Setup:	Interface: cable	
-	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
İ		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	3 3
	2222 2222 2222 2222	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
İ		ATMED - DETECEM

Test Case CFT	-IM-03 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 08:28:28 EDT 2009 Acquisition finished: Tue Mar 17 08:30:34 EDT 2009 Device connectivity was established via supported interface acquisition disruption notification was successful	
Results:	Described a Reserved Reserve	Antonia Barratt
	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	·

5.2.39 CFT-IM-04 (Moto V710)

	1-11VI-04 (IVIOLO V / 10)	
	-IM-04 Device Seizure Vers	
Case		device internal memory and review reported data
Summary:		generated reports for readability.
Assertions:		rensic tool provides support for connectivity of the tool shall successfully recognize the target
		opported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic 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	rna	
Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 08:31:18 EDT 2	2000
Device:	Motorola_v710	2009
Source	OS: WIN XP	
Setup:		
secup.	Interface: cable DATA OBJECTS	DATA ELEMENTS
		DATA ELEMENIS
	Address Book Entries	Marinum Langth
		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	bpecial character
	Call Hogs	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 - Kead 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	oreactina Atree
	stand-alone data files	n41 a
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Image - Deleted Video

Test Case CFT	-IM-04 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 08:31:18 EDT 2009 Acquisition finished: Tue Mar 17 08:38:30 EDT 2009 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. A_IM-04 Readability and completeness of acquired data via supported reports.	as expected as expected
Analysis:	Expected results achieved	

5.2.40 CFT-IM-05 (Moto V710)

	-TM-05 (MOCO V7 TO	rsion 3.1 build 3345.32887
Case		e device internal memory and review reported
Summary:		related information (i.e., MEID, MSISDN).
Assertions:		prensic tool provides support for connectivity of
		the tool shall successfully recognize the target
		upported 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.	i-leadable format via efficier a preview-pane of
	_	prensic tool successfully completes acquisition of
		subscriber related information shall be presented in
	a human-readable format	
		prensic tool successfully completes acquisition of
	_	equipment related information shall be presented in
	a human-readable format	without modification.
Tester	rpa	
Name:	170	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 08:45:11 EDT	2009
Device:	Motorola_v710	
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	and the state of t
		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	, <u> </u>
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	

Test Case CFT	-IM-05 Device Seizure Version 3.1 build 3345	5.32887	
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
		1 2245 20005	
Log	Created By Device Seizure Version 3.1 build		
Highlights:	Acquisition started: Tue Mar 17 08:45:11 El Acquisition finished: Tue Mar 17 08:49:36		
	Acquisition limished. The Mar 17 08:49:30	EDI 2009	
	Device connectivity was established via su	oported interface	
	Readability and completeness of acquired da	-	
	MSISDN was not acquired - NA		
	-		
	Notes:		
	The ESN was acquired in the NV Memory Dump	under the NV_ESN f	folder.
Results:			
	Assertion & Expected Result		Actual
			Result
	A_IM-01 Device connectivity via supported		as expected
	A_IM-04 Readability and completeness of a	cquired data via	as expected
	supported reports.		
	A_IM-05 Acquisition of MSISDN.		NA
	A_IM-06 Acquisition of MEID.		as expected
Analysis:	Expected results achieved		

5.2.41 CFT-IM-06 (Moto V710)

Test Case CFT	-TM-06 Device Seizure Ver	rsion 3.1 build 3345.32887
Case		e device internal memory and review reported PIM
Summary:	related data.	device institut memori and review repersed in
Assertions:		prensic tool provides support for connectivity of
		the tool shall successfully recognize the target
	device via all vendor su	upported 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.	orongia tool guggogafully gompletes agguigition of
	_	prensic tool successfully completes acquisition of all known address book entries shall be presented in
	a human-readable format	-
		prensic tool successfully completes acquisition of
		all known maximum length address book entries shall
	_	-readable format without modification.
	A_IM-09 If a cellular fo	prensic tool successfully completes acquisition of
	_	all known address book entries containing special
	_	sented in a human-readable format without
	modification.	
	_	orensic tool successfully completes acquisition of
	_	all known address book entries containing blank d in a human-readable format without modification.
	_	orensic tool successfully completes acquisition of
	_	all known email addresses associated with address
		resented in a human-readable format without
	modification.	
	A_IM-12 If a cellular fo	prensic tool successfully completes acquisition of
		all known graphics associated with address book
	entries shall be present	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.
	_	orensic tool successfully completes acquisition of
	the target device then a	all maximum length datebook, calendar, note entries
	the target device then a	
Tester	the target device then a	all maximum length datebook, calendar, note entries
Tester Name:	the target device then a shall be presented in a	all maximum length datebook, calendar, note entries
	the target device then a shall be presented in a rpa	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date:	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length datebook, calendar, note entries human readable format without modification. 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 Length
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length datebook, calendar, note entries human readable format without modification. 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 Length
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 - Special Character Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Special Character
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 Length Regular Length Regular Length Regular Length Regular Length Special Character
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 Amaimum 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	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 Missed Missed Missed - Deleted Incoming
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 Missed Missed Missed - Deleted Incoming Incoming - Deleted
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 Missed Missed Missed - Deleted Outgoing Data ELEMENTS Maximum Length Deleted Entry
Name: Test Host: Test Date: Device: Source	the target device then a shall be presented in a rpa Morrisy Tue Mar 17 10:15:11 EDT Motorola_v710 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 Missed Missed Missed - Deleted Incoming Incoming - Deleted

Test Case CFT	-IM-06 Device Seizure Vers	ion 3.1 build 3345.32887	
		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	
	1000	Outgoing EMS - Deleted	
	MMS Messages	To according to the second of	
		Incoming Audio	
		Incoming Image Incoming Video	
		Outgoing Audio	
		Outgoing Mudio Outgoing Image	
		Outgoing Video	
	Stand-alone data files	oacgoing viaco	
	Stand drone data files	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		e Version 3.1 build 3345.32887	
	Device connectivity was e Readability and completer	e Mar 17 10:21:17 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired	
Results:	Assertion & Expected Res	nu1+	Actual
	Assertion & Expected Res	suit	Result
	A IM-01 Device connectiv	vity via supported interfaces.	as expected
	A_IM-04 Readability and	completeness of acquired data via	as expected
	supported reports. A_IM-07 Acquisition of a	address book entries	as exposted
		maximum length address book	as expected as expected
	entries.	maximam rengen address book	as expected
		address book entries containing	
	special characters.	raar ood book circurob concarning	as expected
			as expected
1	-	address book entries containing a	_
ĺ	A_IM-10 Acquisition of a	address book entries containing a	as expected as expected
	A_IM-10 Acquisition of a blank name entry.	address book entries containing a	_
	A_IM-10 Acquisition of a blank name entry.	-	as expected
	A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of a	-	as expected
	A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of a book entries.	embedded email addresses within embedded graphics within address	as expected as expected as expected
	A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a address book entries. A_IM-12 Acquisition of a book entries. A_IM-13 Acquisition of I notes).	embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	as expected as expected
	A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of a book entries. A_IM-13 Acquisition of I	embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	as expected as expected as expected
	A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a address book entries. A_IM-12 Acquisition of a book entries. A_IM-13 Acquisition of I notes).	embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	as expected as expected as expected as expected
Analysis:	A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a address book entries. A_IM-12 Acquisition of a book entries. A_IM-13 Acquisition of I notes).	embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar, maximum length PIM data.	as expected as expected as expected as expected

5.2.42 CFT-IM-07 (Moto V710)

	-IM-07 Device Seizure Ver		
Case		device internal memory and review reported call	
Summary:	logs.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
ABBCI CIOIB.		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	
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
		rensic tool successfully completes acquisition of	
		ll call logs (incoming/outgoing) shall be presented	
	in a human-readable form	at without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Tue Mar 17 10:22:23 EDT	2009	
Device:	Motorola_v710		
Source	OS: WIN XP		
Setup:	Interface: cable DATA OBJECTS	DAMA DI DMINING	
		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	
	G 11 7	Special Character	
	Call Logs	Mil and d	
		Missed	
		Missed - Deleted	
		Incoming Deleted	
		Incoming - Deleted	
		Outgoing	
	March Marcana	Outgoing - Deleted	
	Text Messages	Ingoming CMC Dood	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS Poloted	
		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	
	1.1	Audio - Deleted	
		Image	

Test Case CFT	-IM-07 Device Seizure Version 3.1 build 3345.32	2887	
	Image - Deleted Video		
	Video Video Video - Deleted		
Log	Created By Device Seizure Version 3.1 build 33	345.32887	
Highlights:	Acquisition started: Tue Mar 17 10:22:23 EDT 2 Acquisition finished: Tue Mar 17 10:24:37 EDT		
	Device connectivity was established via suppor Readability and completeness of acquired data All Call Logs (incoming, outgoing) were acquir	was successful	
Results:	Assertion & Expected Result		Actual Result
	A_IM-01 Device connectivity via supported in	terfaces.	as expected
	A_IM-04 Readability and completeness of acqu supported reports.	ired data via	as expected
	A_IM-15 Acquisition of call logs.		as expected
Analysis:	Expected results achieved		

5.2.43 CFT-IM-08 (Moto V710)

	-IM-08 Device Seizure Ver		
Case		device internal memory and review reported text	
Summary:	messages.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
110001010110		he tool shall successfully recognize the target	
	_	pported interfaces (e.g., cable, Bluetooth, IrDA).	
		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.		
		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	0000	
Test Date:	Tue Mar 17 10:24:59 EDT	2009	
Device:	Motorola_v710		
Source	OS: WIN XP		
Setup:	Interface: cable DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA EPEMENIS	
	Address Book Entries	Marrianina Tarakh	
		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	Marrimum Longth	
		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	outgoing beleted	
	Tene Hebbageb	Incoming SMS - Read	
		Incoming SMS - Kead 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	Odogorny mad Defected	
	Tanb Mesbages	Incoming Audio	
		Incoming Image	
		Incoming Image Incoming Video	
		Outgoing Audio	
		Outgoing Image	
	Chand alan 1 : 513	Outgoing Video	
	Stand-alone data files	224	
İ		Audio	
		Audio - Deleted	
		Image	

Test Case CFT	T-IM-08 Device Seizure Version 3.1 build 3345.32887	
	Image - Deleted	
	Video Video - Deleted	
	video Beretea	
Log	Created By Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 17 10:24:59 EDT 2009 Acquisition finished: Tue Mar 17 10:28:10 EDT 2009	
	Device connectivity was established via supported interfac Readability and completeness of acquired data was successf ALL text messages (SMS, EMS) were 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 supported reports.	as expected
	A_IM-16 Acquisition of text messages.	as expected
Analysis:	Expected results achieved	

5.2.44 CFT-IM-09 (Moto V710)

Test Case CFT	-IM-09 Device Seizure Ver	sion 3.1 build 3345.32887
Case	CFT-IM-09 Acquire mobile	device internal memory and review reported MMS
Summary:		(i.e., text, audio, graphics, video).
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of	
	the target device then t	he tool shall successfully recognize the target
	device via all vendor su	pported interfaces (e.g., cable, Bluetooth, IrDA).
	A_IM-04 If a cellular fo	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-17 If a cellular fo	rensic tool successfully completes acquisition of
		11 MMS messages and associated audio shall be
	presented properly withou	out modification.
	A_IM-18 If a cellular fo	rensic tool successfully completes acquisition of
	the target device then a	11 MMS messages and associated images shall be
	presented properly witho	out modification.
	A_IM-19 If a cellular fo	rensic tool successfully completes acquisition of
	the target device then a	11 MMS messages and associated video shall be
	presented properly withou	out modification.
Tester	rpa	
Name:	_	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 10:28:29 EDT	2009
Device:	Motorola_v710	
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 Doto	Foreign Entry
	PIM Data	Manufacture Tarrents
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
	10110 1100000300	Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Onread 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 Hessages	Incoming Audio
	This Hessages	Incoming Audio
	1110 110000300	Incoming Image

Test Case CF	T-IM-09 Device Seizure Vers	sion 3.1 build 3345.32887	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Acquisition started: Tue Acquisition finished: Tue Device connectivity was Readability and completer	e Version 3.1 build 3345.32887 Mar 17 10:28:29 EDT 2009 e Mar 17 10:38:49 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired	
Results:	Assertion & Expected Re	sult	Actual Result
	A IM-01 Device connectiv	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	image MMS messages.	as expected
	A_IM-19 Acquisition of	video MMS messages.	as expected
Analysis:	Expected results achieved	İ	

5.2.45 CFT-IM-10 (Moto V710)

	-TM-10 Device Seigure Ver	sion 3.1 build 3345.32887	
Case CFT		e device internal memory and review reported stand-	
Summary:			
Assertions:	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, I A_IM-04 If a cellular forensic tool successfully completes acquisition the target device then the tool shall have the ability to present acquisate 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 the target device then all stand-alone audio files shall be playable		
	either an internal application or suggested third-party application wit modification. A_IM-21 If a cellular forensic tool successfully completes acquisition the target device then all stand-alone image files shall be viewable vieither an internal application or suggested third-party application wit modification. A_IM-22 If a cellular forensic tool successfully completes acquisition the target device then all stand-alone video files shall be viewable vieither an internal application or suggested third-party application wit modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 17 10:39:10 EDT	2009	
Device:	Motorola v710		
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	roreign Enery	
	PIM Data	Maximum I anath	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	0.11.5	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	
ĺ			
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	Outgoing EMS - Deleted	

Test Case CFT	-IM-10 Device Seizure Vers	sion 3.1 build 3345.32887	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Acquisition started: Tue	e Version 3.1 build 3345.32887 Mar 17 10:39:10 EDT 2009 e Mar 17 10:49:30 EDT 2009	
	Readability and completer	established via supported interface ness of acquired data was successful es (Audio, Image, Video) were acquire	ed
Results:			
	Assertion & Expected Result Actual Result		
	A_IM-01 Device connectivity via supported interfaces. as ex		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
		stand-alone graphic files.	as expected
	A_IM-22 Acquisition of	stand-alone video files.	as expected

5.2.46 CFT-IMO-01 (Moto V710)

Test Case CFT	-IMO-01 Device Seizure Ver	rsion 3.1 build 3345.32887
Case	CFT-IMO-01 Acquire mobile device internal memory and review reported data	
Summary:	via supported generated report formats.	
Assertions:		
110001010110		he tool shall present the acquired data without
	_	ed generated report formats.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 12:30:13 EDT	2009
Device:	Motorola_v710	2009
Source	OS: WIN XP	
Setup:	Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA EDEMENTS
	Address Book Entires	Maximum 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	
		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
	MMC Moggogo	outgoing the - pereced
	MMS Messages	Turanian Andia
		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
Tog	Created By Davids Coi	o Morgion 2 1 build 2245 22007
Log	created by Device Seizur	e Version 3.1 build 3345.32887

Test Case CFT	-IMO-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 17 12:30:13 EDT 2009 Acquisition finished: Tue Mar 17 12:36:04 EDT 2009 Complete representation of known data via generated reports	s was successful
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.47 CFT-IMO-02 (Moto V710)

Test Case CFT	-IMO-02 Device Seizure Ve	rsion 3.1 build 3345.32887
Case	CFT-IMO-02 Acquire mobile device internal memory and review reported data	
Summary:	via the preview-pane.	
Assertions:		forensic tool successfully completes acquisition of
110001010110		the tool shall present the acquired data without
	modification in a previe	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 12:36:23 EDT	2009
Device:	Motorola_v710	2009
Source	OS: WIN XP	
Setup:	Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
		DATA ELEMENTS
	Address Book Entries	Manadamana Tanandah
		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
	Cair nogs	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	outgoing and Defeted
	MIND Messages	Transmina Pudia
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video Polotod
		Video - Deleted
Log	Created By Device Seizur	re Version 3.1 build 3345.32887

Test Case CFT	-IMO-02 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 17 12:36:23 EDT 2009	
	Acquisition finished: Tue Mar 17 12:40:59 EDT 2009	
	Complete representation of known data via preview-pane was	s successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-24 Comparison of known device data elements via	as expected
	preview-pane.	
Analysis:	Expected results achieved	

5.2.48 CFT-IMO-03 (Moto V710)

	-IMO-03 Device Seizure Ver	•
Case		e device internal memory and compare reported data
Summarv:	_	
2		supported generated reports.
Assertions:		prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
		ed generated report formats.
	_	prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
	modification in a preview	v-pane view.
	A_IMO-25 If a cellular fo	orensic tool provides a preview-pane view and a
	generated report of the a	acquired data then the reports shall maintain
	consistency of all report	ted data elements.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 12:41:18 EDT 2	2002
		2009
Device:	Motorola_v710	
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
	MMC Magazza	oredoring and - pereced
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		-
		Video

Test Case CFT	-IMO-03 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 12:41:18 EDT 2009 Acquisition finished: Tue Mar 17 12:51:22 EDT 2009 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	ıccessful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Analysis:	Expected results achieved	

5.2.49 CFT-IMO-04 (Moto V710)

_		sion 3.1 build 3345.32887
Case		ssful mobile device internal memory acquisition,
Summary:	alter the case file via t	third party means and attempt to re-open the case.
Assertions:	A_IMO-26 If modification	is attempted to the case file or individual data
	elements via third-party	means then the tool shall provide protection
		reporting data modification.
Tester Name:	rpa	
Test Host:	Morrisy	
		2000
Test Date:	Tue Mar 17 12:51:50 EDT 2	2009
Device:	Motorola_v710	
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 - Read Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IMO-04 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 17 12:51:50 EDT 2009	
	Acquisition finished: Tue Mar 17 12:56:32 EDT 2009	
	Notification of modified case data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-26 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

5.2.50 CFT-IMO-05 (Moto V710)

	1-110-05 (MOLO V7 10	-
Test Case CFT-		sion 3.1 build 3345.32887
Case		sical acquisition and review data output for
Summary:	readability.	
Assertions:		prensic tool successfully completes acquisition of
	_	ne tool shall present the acquired data without
		ed generated report formats.
	_	prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
	modification in a preview	-
		forensic tool supports a physical acquisition of
	_	ne tool shall successfully complete the acquisition
	and present the data in a	a human-readable format.
The set of a North		
Tester Name:	rpa	
Test Host:	Morrisy	2000
Test Date:	Wed Mar 18 13:07:52 EDT 2	2009
Device:	Motorola_v710 OS: WIN XP	
Source	Interface: cable	
Setup:	DATA OBJECTS	DATE ELEMENTIC
		DATA ELEMENTS
	Address Book Entries	Mary January Transpille
		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	odegoing amb befeecd
	Industricus Proposed Services	Incoming Audio
		Incoming Audio
		Incoming Image Incoming Video
		9
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Torrando
		Image
		Image Image - Deleted

Test Case CFT	-IMO-05 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log	Created By Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 18 13:07:52 EDT 2009	
inightights.	Acquisition finished: Wed Mar 18 13:11:58 EDT 2009	
	Complete representation of known data via generated reports w	as successful
	Complete representation of known data via preview-pane was su	
	Physical Acquisition: readability and completeness was succes	sful
	Naham.	
	Notes: If Motorola Physical is selected as the Supported Manufacture	or then all
	attempts to acquire: SMS and QuickNotes Dump, Call History and	
	Information produced the following error:	a becarrey
	Status: Failed	
	Action: Reading Device Properties	
	Result: Not Supported	
	Advice: None	
	If the supported manufacturer is selected as: CDMA physical a	and the
	supported model is: Motorola CDMA, the following data: GUID p	
	Memory Dump and Memory Dump are successfully acquired without	-
	nomery bump and nemery bump are busessivery acquired wroned	. 011011
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via	as expected
	generated reports. A_IMO-24 Comparison of known device data elements via	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-27 Readability and completeness of data acquired via	as expected
	a physical acquisition.	
		1
Analysis:	Expected results achieved	

5.2.51 CFT-IMO-06 (Moto V710)

	-IMO-06 Device Seizure Version 3.1 build 3345.32887
Case	CFT-IMO-06 Perform a physical acquisition and review reports for
Summary:	recoverable deleted data.
Assertions:	A_IMO-23 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-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view. A_IMO-28 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-29 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-30 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-31 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-32 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-33 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-34 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-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted yideo file data or yideo file data remnants in a human-recoverable deleted yideo file data or yideo file data remnants in a human-
	readable format.
Togtor	readable format.
Tester	
Name:	readable format.
	readable format.
Name: Test Host:	readable format. rpa Morrisy
Name: Test Host: Test Date:	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009
Name: Test Host: Test Date: Device:	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS DATA ELEMENTS
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS DATA ELEMENTS Address Book Entries Maximum Length
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Maximum Length Regular Length, email, picture
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS DATA ELEMENTS Address Book Entries Maximum Length Regular Length, email, picture Special Character
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Maximum Length Regular Length, email, picture Special Character Blank Name
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS DATA ELEMENTS Address Book Entries Maximum Length Regular Length, email, picture Special Character
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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
Name: Test Host: Test Date: Device: Source	readable format. rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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 Maximum Length
Name: Test Host: Test Date: Device: Source	rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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 Regular Length
Name: Test Host: Test Date: Device: Source	rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 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 PIM Data Maximum Length Regular Length Deleted Entry
Name: Test Host: Test Date: Device: Source	rpa Morrisy Fri Mar 20 08:19:23 EDT 2009 Motorola_v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character

		sion 3.1 build 3345.32887	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	<u> </u>	
		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 finished: Mor Complete representation of Complete representation of Physical Acquisition: rea Deleted address book entr Deleted address book entr Partial deleted PIM data Deleted Call log data was Deleted text message data Deleted audio data was no	ries were not recovered was recovered s not recovered a was not recovered ot recovered	ıccessful
	Deleted graphic data was		
	I Deleted widoo data war		
	Deleted video data was no		
Results:	Deleted video data was no		
Results:	Deleted video data was no Assertion & Expected Res	ot recovered	Actual
Results:	Assertion & Expected Res	ot recovered sult	Result
Results:	Assertion & Expected Res	ot recovered	
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports.	sult known device data elements via	Result as expected
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I	ot recovered sult	Result
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I preview-pane.	sult known device data elements via known device data elements via	as expected as expected
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I preview-pane. A_IMO-28 Physical acquis	sult known device data elements via	Result as expected as expected above
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I preview-pane. A_IMO-28 Physical acquis book entries.	sult known device data elements via known device data elements via sition, recovery of deleted address	as expected as expected above expected
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I preview-pane. A_IMO-28 Physical acquis book entries. A_IMO-29 Physical acquis	sult known device data elements via known device data elements via	as expected as expected above expected above
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I preview-pane. A_IMO-28 Physical acquis book entries. A_IMO-29 Physical acquis data.	sult known device data elements via known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM	as expected as expected above expected above expected
Results:	Assertion & Expected Res A_IMO-23 Comparison of I generated reports. A_IMO-24 Comparison of I preview-pane. A_IMO-28 Physical acquis book entries. A_IMO-29 Physical acquis data. A_IMO-30 Physical acquis	sult known device data elements via known device data elements via sition, recovery of deleted address	as expected as expected above expected above
Results:	Assertion & Expected Res A_IMO-23 Comparison of Ingenerated reports. A_IMO-24 Comparison of Ingreview-pane. A_IMO-28 Physical acquistion book entries. A_IMO-29 Physical acquistion data. A_IMO-30 Physical acquistions.	sult known device data elements via known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM sition, recovery of deleted call	as expected as expected above expected above expected above expected as expected
Results:	Assertion & Expected Res A_IMO-23 Comparison of Department of Departmen	sult known device data elements via known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM	as expected as expected above expected above expected
Results:	Assertion & Expected Reservation & Expected Reservation & Expected Reservation of Department of Depa	sult known device data elements via known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM sition, recovery of deleted call sition, recovery of deleted SMS	as expected above expected above expected above expected as expected as expected
Results:	Assertion & Expected Reservation & Expected Reservation & Expected Reservation of Department of Depa	sult known device data elements via known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM sition, recovery of deleted call	as expected as expected above expected above expected above expected as expected

Test Case CFT	-IMO-06 Device Seizure Version 3.1 build 3345.32887
	A_IMO-33 Physical acquisition, recovery of deleted stand- as expected alone audio files.
	A_IMO-34 Physical acquisition, recovery of deleted graphic as expected files.
	A_IMO-35 Physical acquisition, recovery of deleted video as expected files.
Analysis:	Expected results achieved

5.2.52 CFT-IMO-08 (Moto V710)

Test Case CFT	-IMO-08 Device Seizure Ve	ersion 3.1 build 3345.32887
Case		le device internal memory and review data containing
Summary:	foreign language charact	-
Assertions:	A_IMO-23 If a cellular	forensic tool successfully completes acquisition of
	the target device then	the tool shall present the acquired data without
		ted generated report formats.
		forensic tool successfully completes acquisition of
		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
	_	ign language characters in their native format
	without modification.	r forensic tool supports proper display of foreign
		then the application should present text messages
		uage characters in their native format without
	modification.	dage characters in their hative ronmat wronout
	modifiedcion.	
Tester	rpa	
Name:	120	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 12:57:05 EDT	2009
Device:	Motorola_v710	
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	<u> </u>
		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
	MMC Meggagog	oredottid and pereced
	MMS Messages	Incoming Audio
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
	1 1	Outgoing Image
		Outgoing Video

Stand-alone data files	
Audio - Deleted Image Image - Deleted Video Video - Deleted Log Highlights: Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Log Highlights: Image Image Image - Deleted Video Video - Deleted Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Log Highlights: Image - Deleted Video Video - Deleted Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Log Highlights: Video Video - Deleted	
Log Created By Device Seizure Version 3.1 build 3345.32887 Highlights: Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Log Created By Device Seizure Version 3.1 build 3345.32887 Highlights: Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Highlights: Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Highlights: Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
Highlights: Acquisition started: Tue Mar 17 12:57:05 EDT 2009	
l	
Acquisition finished: Tue Mar 17 13:17:22 EDT 2009	
Complete nonnecestion of linear data six conserted necestic series	£1
Complete representation of known data via generated reports was succe	
Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired and properly dis	
Foreign character Address book entries were acquired and properly dis	ртауес
Foreign Character text messages were not acquired - NA	
Results:	
Assertion & Expected Result Actual Result	L
A_IMO-23 Comparison of known device data elements via as expegenerated reports.	ected
A_IMO-24 Comparison of known device data elements via as experiew-pane.	ected
A_IMO-37 Acquisition of address book entries containing as expe foreign language characters.	ected
A IMO-38 Acquisition of outgoing text messages containing Not	
foreign language characters.	ahle
Toreign language characters.	wic .
Analysis: Expected results achieved	

5.2.53 CFT-IMO-09 (Moto V710)

Test Case CFT-IMO-09 (WOLO V/10) Test Case CFT-IMO-09 Device Seizure Version 3.1 build 3345.32887			
Case	vendor supported data ob	e device internal memory and review hash values for	
Summary: Assertions:			
ASSELCIONS.	A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without		
	2	ed generated report formats.	
		orensic tool successfully completes acquisition of	
		he tool shall present the acquired data without	
	modification in a preview		
	_	forensic tool supports hashing for individual data	
		all present the user with a hash value for each	
	supported data object.	F	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 17 14:20:18 EDT 2	2009	
Device:	Motorola_v710		
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	Torcign Enery	
	FIM Data	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logg	Special Character	
	Call Logs	Minad	
		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		
	Stand drone data files	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	

Test Case CFT-IMO-09 Device Seizure Version 3.1 build 3345.32887			
	Video - Deleted		
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 14:20:18 EDT 2009 Acquisition finished: Tue Mar 17 14:28:05 EDT 2009 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		
Results:			
	Assertion & Expected Result	Actual Result	
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	
	A_IMO-39 Device hash reporting for individual acquired data objects.	as expected	
Analysis:	Expected results achieved		

5.2.54 CFT-IMO-10 (Moto V710)

Test Case CFT-IMO-10 (WOLO V/10) Test Case CFT-IMO-10 Device Seizure Version 3.1 build 3345.32887		
Case	CFT-IMO-10 Acquire mobile device internal memory and review the overall	
Summary:	case file hash.	
Assertions:		prensic tool successfully completes acquisition of the tool shall present the acquired data without
		ed generated report formats.
		orensic tool successfully completes acquisition of
	_	he tool shall present the acquired data without
	modification in a preview	
		forensic tool supports hashing the overall case
		present the user with one hash value representing
	the entire case data.	F
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 17 14:28:26 EDT 2	2009
Device:	Motorola_v710	
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	1
	1111 2000	Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	bpecial character
	Call Logs	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Toyt Magaagag	Outgoing - Defeted
	Text Messages	Incoming SMS - Read
		Incoming SMS - Read Incoming SMS - Unread
		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	
	111111111111111111111111111111111111111	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		VIUCO

Test Case CFT-IMO-10 Device Seizure Version 3.1 build 3345.32887				
	Video - Deleted			
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 17 14:28:26 EDT 2009 Acquisition finished: Tue Mar 17 14:37:12 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Device hash reporting for overall case file was successful			
Results:				
results.	Assertion & Expected Result	Actual Result		
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected		
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected		
	A_IMO-40 Device hash reporting for overall case file.	as expected		
Analysis:	Expected results achieved			

5.2.55 CFT-IM-01 (SCH u410)

Test Case CFT	-IM-01 Device Seizure Vers		
Case		device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
ssertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the	ne tool shall successfully recognize the target	
		oported interfaces (e.g., cable, Bluetooth, IrDA).	
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Wed Mar 18 09:26:08 EDT 2	2000	
		2009	
evice:	Samsung_SCHu410		
ource	OS: WIN XP		
etup:	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	
	Coll Logg	Special character	
	Call Logs	w' 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	
	<u> </u>	Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMC Moddogc 7	oredoring ming - netered	
	MMS Messages	Turney day of Building	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	J. J	
	Stand alone data liles	Nudio	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	I		

Test Case CFT-IM-01 Device Seizure Version 3.1 build 3345.32887					
Highlights:	Acquisition started: Wed Mar 18 09:26:08 EDT 2009				
	Acquisition finished: Wed Mar 18 09:36:03 EDT 2009				
	Device connectivity was established via supported interface				
Results:					
	Assertion & Expected Result	Actual Result			
	A_IM-01 Device connectivity via supported interfaces.	as expected			
Analysis:	Expected results achieved				

5.2.56 CFT-IM-02 (SCH u410)

lest case CF1-		ion 3.1 build 3345.32887	
Case		al memory acquisition of a non-supported mobile	
Summary:	device.		
Assertions:		rensic tool attempts to connect to a non-supported	
		ll have the ability to identify that the device is	
	not supported.		
Cester Name:	rpa		
est Host:	Morrisy		
est Date:	Wed Mar 18 09:39:20 EDT 2	2009	
evice:	Samsung_SCHu410		
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	LOTOTAN BUCTA	
	PIM Data	Marriana Tarakh	
		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 - 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	<u> </u>	
	11010 0000 11105	Audio	
		Audio - Deleted	
		Image Deleted	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-IM-02 Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Wed Mar 18 09:39:20 EDT 2009		
	Acquisition finished: Wed Mar 18 09:40:52 EDT 2009		
	Identification of non-supported devices was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	Assertion & Expected Result A_IM-02 Identification of non-supported devices.	Actual Result as expected	

5.2.57 CFT-IM-03 (SCH u410)

Test Case CFT-IM-03 (GCTT G-10) Test Case CFT-IM-03 Device Seizure Version 3.1 build 3345.32887			
Case		evice internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.		
Assertions:		rensic tool provides support for connectivity of	
ASSELCIONS.	the target device then the tool shall successfully recognize the tar		
	derige wie all wander aus	epported interfaces (e.g., cable, Bluetooth, IrDA).	
	The O2 of a gollular for	rensic tool encounters disengagement between the	
		nen the application shall notify the user that	
	connectivity has been dis	srupted.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Mar 18 09:41:36 EDT 2	2009	
Device:	Samsung_SCHu410		
Source	OS: WIN XP		
Setup:	Interface: cable		
-	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Hadress Book Bherres	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	Turnella a OMO Deed	
		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	
	<u> </u>	Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Oband alone data 643	outgoing video	
	Stand-alone data files	- 11	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
	ı ı	. 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
		Video - Doloted	
		Video - Deleted	

Test Case CFT	Test Case CFT-IM-03 Device Seizure Version 3.1 build 3345.32887				
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 09:41:36 EDT 2009 Acquisition finished: Wed Mar 18 09:43:48 EDT 2009 Device connectivity was established via supported interface Device 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				

5.2.58 CFT-IM-04 (SCH u410)

Test Case CFT-IM-04 Device Seizure Version 3.1 build 3345.32887			
Case CFT		e device internal memory and review reported data	
Case Summarv:			
	via the preview-pane or generated reports for readability.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA)		
		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 Mar 18 09:55:10 EDT	2009	
Device:	Samsung_SCHu410		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Indicas Book Entires	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	
	Call Hogs	Miggod	
		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	
	Gh	Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		viaco Derecea	

-IM-04 Device Seizure Version 3.1 build 3345.32887	
Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 09:55:10 EDT 2009 Acquisition finished: Wed Mar 18 09:57:29 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
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
Expected results achieved	
	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 09:55:10 EDT 2009 Acquisition finished: Wed Mar 18 09:57:29 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via

5.2.59 CFT-IM-05 (SCH u410)

	-TM-05 Device Seizure Ver	rsion 3.1 build 3345.32887		
Case		e device internal memory and review reported		
Summary:	subscriber and equipment related information (i.e., MEID, MSISDN).			
Assertions:		prensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target			
		upported 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.	i-readable format via either a preview-pane of		
	_	prensic tool successfully completes acquisition of		
	the target device then subscriber related information shall be presented to the target device then subscriber related information shall be presented to the target device then subscriber related information shall be presented to the target device then subscriber related information shall be presented to the target device the subscriber related information shall be presented to the target device the subscriber related information shall be presented to the target device the subscriber related information shall be presented to the target device the subscriber related information shall be presented to the target device the subscriber related information shall be presented to the target device the subscriber related information shall be presented to the subscriber related information shall be presented to the subscriber related information shall be presented to the subscriber related information shall be presented to the subscriber related information shall be presented to the subscriber related information shall be presented to the subscriber rela			
	a human-readable format			
		prensic tool successfully completes acquisition of		
	_	equipment related information shall be presented in		
	a human-readable format	without modification.		
Tester	rpa			
Name:	190			
Test Host:	Morrisy			
Test Date:	Wed Mar 18 09:58:58 EDT	2009		
Device:	Samsung_SCHu410			
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 - Deleted		
		Outgoing EMS - Deleted		
	MMS Messages	Cacacing has beleeve		
		Incoming Audio		
		Incoming Image		
ļ		Incoming Video		
İ	L	-		
		Outgoing Audio		
		Outgoing Audio Outgoing Image		
	Stand-alone data files			

Test Case CFT	-IM-05 Device Seizure Version 3.1 build 3345.32887		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted Video Video - Deleted		
		_	
Log	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Wed Mar 18 09:58:58 EDT 2009		
	Acquisition finished: Wed Mar 18 10:03:29 EDT 2009		
	Daving removativity are extablished as a surrouted interfere		
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful		
	MSISDN was not acquired - NA		
	MSISDN was not acquired - NA Notes:		
	The ESN was acquired in the NV Memory Dump under the NV_ESN	folder.	
7. 1			
Results:	Assertion & Expected Result	Actual	
	Assertion & Expected Result	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.	ab expected	
	A_IM-05 Acquisition of MSISDN.	NA	
	A IM-06 Acquisition of MEID.	as expected	
		-	
Analysis:	Expected results achieved		

5.2.60 CFT-IM-06 (SCH u410)

	T-IM-06 Device Seizure Ver	raion 3 1 build 3345 32887		
Case		e device internal memory and review reported PIM		
Summary:	related data.	advise incernal memory and review reported in		
Assertions:	A_IM-01 If a cellular fo	orensic tool provides support for connectivity of the tool shall successfully recognize the target		
	device via all vendor su	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		
	a human-readable format			
	the target device then a	prensic tool successfully completes acquisition of 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 acqui the target device then all known address book entries containing characters shall be presented in a human-readable format without modification.			
	A_IM-10 If a cellular for the target device them a names shall be presented A_IM-11 If a cellular for	prensic tool successfully completes acquisition of all known address book entries containing blank in a human-readable format without modification. Description of all known email addresses associated with address		
		resented in a human-readable format without		
	the target device then a entries shall be present	orensic tool successfully completes acquisition of all known graphics associated with address book ted in a human-readable format without modification.		
	presented in a human-rea A_IM-14 If a cellular fo	all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
	_	human readable format without modification.		
Tester Name:	rpa			
Togt Hogt:	Morrigu			
Test Host:	Morrisy Wed Mar 18 10:04:40 FDT	2009		
Test Date:	Wed Mar 18 10:04:40 EDT	2009		
Test Date: Device:	Wed Mar 18 10:04:40 EDT Samsung_SCHu410	2009		
Test Date:	Wed Mar 18 10:04:40 EDT	2009		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP	2009 DATA ELEMENTS		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable			
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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 Regular Length		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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		
Test Date: Device: Source	Wed Mar 18 10:04:40 EDT Samsung_SCHu410 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 Outgoing		

	IM-00 Device Beizuie vers	sion 3.1 build 3345.32887	
		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:	_	e Version 3.1 build 3345.32887 Mar 18 10:04:40 EDT 2009	
mighting.	Acquisition finished: Wed Device connectivity was a Readability and completer	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired	
Results:	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired	Actual
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired	Actual Result
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Res A_IM-01 Device connectivity	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces.	
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Res A_IM-01 Device connectivity A_IM-04 Readability and	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult	Result
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability A_IM-01 Device connectivity A_IM-04 Readability and supported reports.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via	Result as expected as expected
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability A_IM-01 Device connectivity A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries.	as expected as expected as expected
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability and supported reports. A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via	Result as expected as expected
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability and supported reports. A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book	as expected as expected as expected as expected as expected
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability and supported reports. A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries.	as expected as expected as expected
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability and supported reports. A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book	as expected as expected as expected as expected as expected
	Acquisition finished: Wed Device connectivity was e Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability and supported reports. A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing	as expected as expected as expected as expected as expected as expected
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was Assertion & Expected Rea A_IM-01 Device connectiv A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a blank name entry.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing	as expected as expected as expected as expected as expected as expected
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was Assertion & Expected Rea A_IM-01 Device connectiv A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a address book entries.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within	as expected as expected as expected as expected as expected as expected as expected
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was Assertion & Expected Rea A_IM-01 Device connectiv A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a address book entries. A_IM-12 Acquisition of a	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing	as expected as expected as expected as expected as expected as expected as expected
	Acquisition finished: Wed Device connectivity was a Readability and completer All address book entries ALL PIM related data was Assertion & Expected Readability and supported reports. A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a address book entries. A_IM-12 Acquisition of a book entries.	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within	as expected as expected as expected as expected as expected as expected as expected as expected as expected
	Acquisition finished: Wed Readability and completer All address book entries ALL PIM related data was Assertion & Expected Research And Readability and supported reports. A_IM-01 Device connective A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of the entries. A_IM-09 Acquisition of the entries and supported connective and the entries and the entries and the entries and the entries and the entry and the entries and the entry and the entry and the entry and the entry and the entry and the entry and the entry and the entry and the entries and t	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	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
	Acquisition finished: Wed Readability and completer All address book entries ALL PIM related data was Assertion & Expected Research And Readability and supported reports. A_IM-01 Device connective A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of the entries. A_IM-09 Acquisition of the entries and supported connective and the entries and the entries and the entries and the entries and the entry and the entries and the entry and the entry and the entry and the entry and the entry and the entry and the entry and the entry and the entries and t	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address	as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
	Acquisition finished: Wed Readability and completer All address book entries ALL PIM related data was Assertion & Expected Research And Readability and supported reports. A_IM-01 Device connective A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of the entries. A_IM-09 Acquisition of the entries and supported connective and the entries and the entries and the entries and the entries and the entry and the entries and the entry and the entry and the entry and the entry and the entry and the entry and the entry and the entry and the entries and t	Mar 18 10:04:40 EDT 2009 d Mar 18 10:10:32 EDT 2009 established via supported interface ness of acquired data was successful were successfully acquired acquired sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar, maximum length PIM data.	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

5.2.61 CFT-IM-07 (SCH u410)

Test Case CFT	-IM-07 Device Seizure Vers	sion 3.1 build 3345.32887	
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	
		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 call logs (incoming/outgoing) shall be presented	
	in a human-readable form		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Mar 18 10:11:00 EDT	2009	
Device:	Samsung_SCHu410		
Source	OS: WIN XP		
Setup:	Interface: cable		
-	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	- :	
	Hadress Book Energe	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		-	
	DTM Date	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 - 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	
		3 3	
		Outgoing Image	
		Outgoing Image	
	Stand along data file.	Outgoing Image Outgoing Video	
	Stand-alone data files	Outgoing Video	
	Stand-alone data files	Outgoing Video Audio	
	Stand-alone data files	Outgoing Video	

Test Case CFT	-IM-07 Device Seizure Version 3.1 build 3345.32887	7		
	Image - Deleted			
	Video			
	Video - Deleted			
Log Highlights:	Created By Device Seizure Version 3.1 build 3345 Acquisition started: Wed Mar 18 10:11:00 EDT 2009 Acquisition finished: Wed Mar 18 10:13:55 EDT 200	9 0 9		
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful Incoming Calls were acquired Outgoing Calls were acquired			
Results:	Notes: Call log data was located under the File System of directory.	directory in	the clog	
Results.	Assertion & Expected Result		Actual	
	Assertion & Expected Result		Result	
	A_IM-01 Device connectivity via supported inter	faces.	as expected	
	A_IM-04 Readability and completeness of acquired supported reports.	d data via	as expected	
	A_IM-15 Acquisition of call logs.		as expected	
Analysis:	Expected results achieved			

5.2.62 CFT-IM-08 (SCH u410)

	-IM-08 Device Seizure Ver	gion 3 1 build 3345 32887	
Case Case CFT			
Case Summary:	CFT-IM-08 Acquire mobile device internal memory and review reported text		
Assertions:	messages. A_IM-01 If a cellular forensic tool provides support for connectivity of		
Assertions.		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	
		dable format without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Mar 18 10:16:38 EDT	2009	
Device:	Samsung_SCHu410		
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	3 3	
	_	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	Oregoing Fub - Defered	
	PERO PICABAYCA	Incoming Audio	
		-	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted Image	

Test Case CFT	-IM-08 Device Seizure Version 3.1 build 3345.32887	
	Image - Deleted Video	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 10:16:38 EDT 2009 Acquisition finished: Wed Mar 18 10:20:22 EDT 2009 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	Actual Result
	A_IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via	as expected
	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected
	A_IM-16 Acquisition of text messages.	as expected
Analysis:	Expected results achieved	

5.2.63 CFT-IM-09 (SCH u410)

	C-TM-09 Device Seizure Ver	sion 3.1 build 3345.32887		
Case		e device internal memory and review reported MMS		
Summary:	multi-media related data (i.e., text, audio, graphics, video).			
Assertions:		prensic tool provides support for connectivity of		
TIDDEL CLOTED	the target device then 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.			
	A_IM-17 If a cellular forensic tool successfully completes acquisition			
	_	all MMS messages and associated audio shall be		
	presented properly without			
	A_IM-18 If a cellular fo	prensic tool successfully completes acquisition of		
		all MMS messages and associated images shall be		
	presented properly with	out modification.		
	A_IM-19 If a cellular fo	prensic tool successfully completes acquisition of		
	the target device then a	all MMS messages and associated video shall be		
	presented properly without			
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Wed Mar 18 10:20:52 EDT	2009		
Device:	Samsung_SCHu410			
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	ouogoing person		
	Text Nessages	Incoming SMS - Read		
		Incoming SMS - Kead Incoming SMS - Unread		
		Incoming SMS - Onread Incoming SMS - Deleted		
		Outgoing SMS - Defeted		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages	Outgoing EMS - Deleted		
	MMS Messages	Outgoing EMS - Deleted Incoming Audio		
	MMS Messages			
	MMS Messages	Incoming Audio		

Test Case CFT	-IM-09 Device Seizure Vers	sion 3.1 build 3345.32887	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 10:20:52 EDT 2009 Acquisition finished: Wed Mar 18 10:29:17 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Audio MMS messages were acquired Image MMS messages were acquired Video MMS messages were not acquired - NA		
Results:	Assertion & Expected Res	sult	Actual Result
	A_IM-01 Device connectiv	vity via supported interfaces.	as expected
	A_IM-04 Readability and	completeness of acquired data via	as expected
	supported reports.	-	_
	A_IM-17 Acquisition of a	audio MMS messages.	as expected
	A_IM-18 Acquisition of :		as expected
	A_IM-19 Acquisition of	video MMS messages.	Not
			applicable
Analysis:	Expected results achieved	i	

5.2.64 CFT-IM-10 (SCH u410)

	TW 10 Powige Seigure Ven	gion 2 1 huild 224E 22007	
		sion 3.1 build 3345.32887 device internal memory and review reported stand-	
Case Summary:			
Assertions:	alone multi-media data (i.e., audio, graphics, video). A_IM-01 If a cellular forensic tool provides support for connectivity of		
Assertions.	_		
	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		
		he tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
	generated report.		
	_	prensic tool successfully completes acquisition of	
		Il stand-alone audio files shall be playable via	
		cation 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.		
		rensic tool successfully completes acquisition of	
		ll stand-alone video files shall be viewable via	
		cation or suggested third-party application without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy	0000	
Test Date:	Wed Mar 18 10:30:02 EDT	2009	
Device:	Samsung_SCHu410		
Source	OS: WIN XP		
Setup:	Interface: cable	T	
	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	
		-	
	G-11 T	Special Character	
	Call Logs	Minned	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	

Test Case CF1	T-IM-10 Device Seizure Version 3.1 build 3345.32887		
	Incoming Image		
	Incoming Video		
	Outgoing Audio		
	Outgoing Image		
	Outgoing Video		
	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Wed Mar 18 10:30:02 EDT 2009		
	Acquisition finished: Wed Mar 18 10:37:40 EDT 2009		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successfu		
	Audio files were acquired	1	
	Image files were acquired		
	Video files were acquired - NA		
	Video IIIob word not doquirod in		
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.	Not	
		applicable	
Analysis:	Expected results achieved		

5.2.65 CFT-IMO-01 (SCH u410)

Test Case CFT	-IMO-01 Device Seizure Ve	rsion 3.1 build 3345.32887
Case		e device internal memory and review reported data
Summary:	via supported generated	
Assertions:		forensic tool successfully completes acquisition of
110001010110		the tool shall present the acquired data without
	_	ed generated report formats.
	mediliodelen vid Sappere	ou generated repert rermant.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 18 10:53:38 EDT	2009
Device:	Samsung_SCHu410	2009
Source	OS: WIN XP	
Setup:	Interface: cable	
Doodp	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	Madiebb Book Entires	Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		*
	DIM Data	Foreign Entry
	PIM Data	Marrimum Longth
		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 Image Outgoing Video
	Chand-alone data files	Outgoing video
	Stand-alone data files	nudio
		Audio Polotod
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
		re Version 3.1 build 3345.32887

Test Case CFT	-IMO-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 18 10:53:38 EDT 2009	
	Acquisition finished: Wed Mar 18 10:56:09 EDT 2009	
	Complete representation of known data via generated report	s was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	·

5.2.66 CFT-IMO-02 (SCH u410)

Test Case CFT	-IMO-02 Device Seizure Ver	sion 3.1 build 3345.32887
Case		e device internal memory and review reported data
Summary:	via the preview-pane.	
Assertions:		orensic tool successfully completes acquisition of
		he tool shall present the acquired data without
	modification in a preview	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 18 11:44:29 EDT	2009
Device:	Samsung_SCHu410	
Source	OS: WIN XP	
Setup:	Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA ELEMENTS
	Address Book Entries	Marrian Tarak
		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
	Cail 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
	NO. Marrier	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 Deleted
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IMO-02 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 18 11:44:29 EDT 2009	
	Acquisition finished: Wed Mar 18 11:51:18 EDT 2009	
	Complete representation of known data via preview-pane was	s successful
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
To a local and		
Analysis:	Expected results achieved	

5.2.67 CFT-IMO-03 (SCH u410)

	1-110-03 (0011 u+10	-
	-IMO-03 Device Seizure Ver	
Case	_	e device internal memory and compare reported data
Summary:		supported generated reports.
Assertions:		orensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
		ed generated report formats.
	A_IMO-24 If a cellular fo	orensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
	modification in a preview	w-pane view.
	A_IMO-25 If a cellular fo	orensic tool provides a preview-pane view and a
	generated report of the a	acquired data then the reports shall maintain
	consistency of all report	ted data elements.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 18 11:51:41 EDT 2	2009
Device:	Samsung_SCHu410	
Source	OS: WIN XP	
Setup:	Interface: cable	
2227	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
1	MUUTEBB BOOK FILLIES	Maximum I anath
		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	Million and
		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 - Vnread
		-
		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
	Chand alan 1 : 512	οπεδοτιίδ κταθο
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
	1_1_	

Test Case CFT	-IMO-03 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 11:51:41 EDT 2009 Acquisition finished: Wed Mar 18 12:04:12 EDT 2009 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	accessful
Results:		_
	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Analysis:	Expected results achieved	

5.2.68 CFT-IMO-04 (SCH u410)

	-IMO-04 Device Seizure Ver	
Case		ssful mobile device internal memory acquisition,
Summary:		third party means and attempt to re-open the case.
Assertions:		is attempted to the case file or individual data
		means then the tool shall provide protection
	mechanisms disallowing or	reporting data modification.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 18 12:04:46 EDT 2	2009
Device:	Samsung_SCHu410	
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	- Or Orgin Built I
	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
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
	111111111111111111111111111111111111111	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IMO-04 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 18 12:04:46 EDT 2009	
	Acquisition finished: Wed Mar 18 12:10:39 EDT 2009	
	Notification of modified case data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-26 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

5.2.69 CFT-IMO-05 (SCH u410)

Test Case CFT	-IMO-05 Device Seizure Ver	sion 3.1 build 3345.32887
Case	CFT-IMO-05 Perform a phys	sical acquisition and review data output for
Summary:	readability.	
Assertions:	A IMO-23 If a cellular fo	prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
	modification via supporte	ed generated report formats.
	A_IMO-24 If a cellular fo	prensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
	modification in a preview	v-pane view.
	A_IMO-27 If the cellular	forensic tool supports a physical acquisition of
	the target device then the	ne tool shall successfully complete the acquisition
	and present the data in a	a human-readable format.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Mar 18 12:16:12 EDT 2	2009
Device:	Samsung_SCHu410	
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	
	3	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	outgoing percecu
	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
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
	Tours arone adda files	Audio
		Audio - Deleted
		Image Image - Deleted

Test Case CFT	'-IMO-05 Device Seizure Version 3.1 build 3345.32887	
	Video	
	Video - Deleted	
Log	Created By Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Wed Mar 18 12:16:12 EDT 2009	
	Acquisition finished: Wed Mar 18 12:20:46 EDT 2009	
	Complete representation of known data via generated reports w Complete representation of known data via preview-pane was su Physical Acquisition: readability and completeness was succes	ccessful
	Notes: GUID properties were not successfully acquired. The following reported: Error reading GUID properties. Try to reacquire dev reoccurs, please send logs to Paraben support team. [forensicsupport@paraben.com]	
	NV Memory Dump data type was successfully acquired.	
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	partial
Analysis:	Partial results achieved	

5.2.70 CFT-IMO-08 (SCH u410)

	-TMO-08 Device Seizure Ve	ersion 3.1 build 3345.32887
Case		le device internal memory and review data containing
Summary:	foreign language charact	-
Assertions:		forensic tool successfully completes acquisition of
110001010110		the tool shall present the acquired data without
		ted generated report formats.
		forensic tool successfully completes acquisition of
	_	the tool shall present the acquired data without
	modification in a previe	
	_	forensic tool supports proper display of foreign
		then the application should present address book
	entries containing fore:	ign language characters in their native format
	without modification.	
	A_IMO-38 If the cellular	forensic tool supports proper display of foreign
	language character sets	then the application should present text messages
		lage characters in their native format without
	modification.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Mar 18 13:03:01 EDT	2009
Device:	Samsung_SCHu410	
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	Sangorng Dereced
	TGAC 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
		Outgoing Image
	1 1	242302113 2111430
		Outgoing Video

1	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 13:03:01 EDT 2009 Acquisition finished: Wed Mar 18 13:05:48 EDT 2009 Complete representation of known data via generated reports Complete representation of known data via preview-pane was s Foreign character Address book entries were acquired and pro Foreign character text messages were not acquired - NA	uccessful
Results:		
	Assertion & Expected Result	Actual
	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports.	Actual Result as expected
	A_IMO-23 Comparison of known device data elements via	Result
	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Result as expected
	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing	as expected as expected
	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters.	as expected as expected as expected
Analysis:	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters. A_IMO-38 Acquisition of outgoing text messages containing	Result as expected as expected as expected Not

5.2.71 CFT-IMO-09 (SCH u410)

	TYO 00 Paris and a second	-
	-IMO-09 Device Seizure Ver	
Case	_	e device internal memory and review hash values for
Summary:	vendor supported data ob	
Assertions:		orensic tool successfully completes acquisition of
		he tool shall present the acquired data without
		ed generated report formats.
		orensic tool successfully completes acquisition of
		he tool shall present the acquired data without
	modification in a preview	
		forensic tool supports hashing for individual data
	_	all present the user with a hash value for each
	supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 18 12:54:32 EDT :	2009
Device:	Samsung_SCHu410	
Source	OS: WIN XP	
Setup:	Interface: cable	
Бесир.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA EDEMENTS
	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	1 of origin Entry
	FIM Data	Marrimum I angth
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Marit Mariana	Outgoing - Defeted
	Text Messages	Township or OMO Parall
		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
	1 1	VIGCO

Test Case CFT	C-IMO-09 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 12:54:32 EDT 2009 Acquisition finished: Wed Mar 18 12:56:34 EDT 2009 Complete representation of known data via generated report Complete representation of known data via preview-pane was Device hash reporting for individual acquired data element	successful
Results:	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via	Actual Result as expected
	generated reports. A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-39 Device hash reporting for individual acquired data objects.	as expected
Analysis:	Expected results achieved	

5.2.72 CFT-IMO-10 (SCH u410)

	TWO 10 Paris and 10	-
	-IMO-10 Device Seizure Ver	
Case	_	e device internal memory and review the overall
Summary:	case file hash.	
Assertions:		orensic tool successfully completes acquisition of
		he tool shall present the acquired data without
		ed generated report formats.
	_	orensic tool successfully completes acquisition of
	_	he tool shall present the acquired data without
	modification in a preview	
		forensic tool supports hashing the overall case
		present the user with one hash value representing
	the entire case data.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 18 13:00:03 EDT	2009
Device:	Samsung_SCHu410	
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
	Marie Marie va	Outgoing - Defeted
	Text Messages	Transition CMC Deed
		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	<u> </u>
	110 110000300	Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		VIGO

Test Case CFT	-IMO-10 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Wed Mar 18 13:00:03 EDT 2009 Acquisition finished: Wed Mar 18 13:02:41 EDT 2009 Complete representation of known data via generated reports Complete representation of known data via preview-pane was Device hash reporting for overall case file was successful	
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-40 Device hash reporting for overall case file.	as expected
Analysis:	Expected results achieved	

5.2.73 CFT-IM-01 (SCH u740)

Case	CFT-IM-01 Acquire mobile	device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth,	
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the	
and the cross of		ool shall successfully recognize the target device vi
		erfaces (e.g., cable, Bluetooth, IrDA).
	dir vender supported into	2114000 (0.3., 04010, 214000001, 11211,
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 20 08:39:48 EDT 2	2009
Device:	Samsung_SCHu740	
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
	1	

Test Case CFT	-IM-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Fri Mar 20 08:39:48 EDT 2009	
	Acquisition finished: Fri Mar 20 09:27:06 EDT 2009	
	Device connectivity was established via supported inter	face
Results:		
KESUILS.		
Results.	Assertion & Expected Result	Actual Result
results.	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected
RESUILS.		

5.2.74 CFT-IM-02 (SCH u740)

	-IM-02 Device Seizure Vers:	
Case Summary:	CFT-IM-02 Attempt interna	al memory acquisition of a non-supported mobile device
Assertions:	A_IM-02 If a cellular forensic tool attempts to connect to a non-supporte	
		ll have the ability to identify that the device is no
	supported.	
ester Name:	rpa	
est Host:	Morrisy	
est Date:	Fri Mar 20 09:29:51 EDT 2	2009
evice:	non_supported_device	
ource	OS: WIN XP	
etup:	Interface: cable DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	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	Mandanian Tanash
		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	
		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 liles	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IM-02 Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Fri Mar 20 09:29:51 EDT 2009		
	Acquisition finished: Fri Mar 20 09:31:59 EDT 2009		
	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		

5.2.75 CFT-IM-03 (SCH u740)

connectivity by interface	evice internal memory acquisition and interrupt
connectivity by interface	
	. albeilgagement.
A_IM-01 If a cellular forensic tool provides support for connectivity of	
	ool shall successfully recognize the target device via
	erfaces (e.g., cable, Bluetooth, IrDA).
	rensic tool encounters disengagement between the device
	application shall notify the user that connectivity
nas been disrupted.	
-	
Fri Mar 20 09:32:21 EDT 2	2009
Samsung_SCHu740	
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	*
0011 2090	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
	3 3
	Incoming EMS - Deleted
	Outgoing EMS
	Outgoing EMS - Deleted
MMS Messages	
	Incoming Audio
	Incoming Image
	Incoming Video
	Outgoing Audio
	Outgoing Image
+	Outgoing Video
Ghandadana 3 : 613	outgoing video
Stand-alone data files	- 11
	Audio
	Audio - Deleted
	Image
	Image - Deleted
	Video
	Video - Deleted
	A_IM-03 If a cellular for and application then the has been disrupted. rpa Morrisy Fri Mar 20 09:32:21 EDT 2 Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data Call Logs Text Messages

Test Case CF	T-IM-03 Device Seizure Version 3.1 build 3345.32887	
Log	Created By Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Fri Mar 20 09:32:21 EDT 2009	
	Acquisition finished: Fri Mar 20 09:33:47 EDT 2009	
	Device connectivity was established via supported interf Device acquisition disruption notification was successfu	
Results:		
	Assertion & Expected Result	Actual Result
	3 TM 01 Decimal and the state of a support of the state of	
	A_IM-01 Device connectivity via supported interfaces.	as expected
	A_IM-01 Device connectivity via supported interfaces. A_IM-03 Notification of device acquisition disruption.	as expected as expected
		-

5.2.76 CFT-IM-04 (SCH u740)

Test Case CET	'-IM-04 Device Seizure Version 3.1 build 3345.32887	
Case CFT		device internal memory and review reported data via
Summary:		rated reports for readability.
Assertions:		rensic tool provides support for connectivity of the
1100010110		ool shall successfully recognize the target device via
		erfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of the
	target device then the to	ool shall have the ability to present acquired data
	elements in a human-reada	able format via either a preview-pane or generated
	report.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 20 09:34:09 EDT 2	2009
Device:	Samsung_SCHu740	
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
	MMC Magging	Outgoing EMS - Deleted
	MMS Messages	To analysis 2 and a
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
	Ghanda al al al al al al al al al al al al al	Outgoing Video
	Stand-alone data files	222
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CF	T-IM-04 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Fri Mar 20 09:34:09 EDT 2009 Acquisition finished: Fri Mar 20 09:38:04 EDT 2009 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

5.2.77 CFT-IM-05 (SCH u740)

	Test Case CFT-IM-05 Device Seizure Version 3.1 build 3345.32887				
Case		device internal memory and review reported subscriber			
Summary:		formation (i.e., MEID, MSISDN).			
Assertions:		rensic tool provides support for connectivity of the			
1100CT CTOHO .		ool shall successfully recognize the target device via			
		erfaces (e.g., cable, Bluetooth, IrDA).			
		rensic tool successfully completes acquisition of the			
		pol shall have the ability to present acquired data			
		able format via either a preview-pane or generated			
	report.				
	A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a				
	human-readable format wit				
	A_IM-06 If a cellular for	rensic tool successfully completes acquisition of the			
	target device then equip	ment related information shall be presented in a human-			
	readable format without m	modification.			
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Mar 20 09:38:26 EDT :	2009			
Device:	Samsung_SCHu740				
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	roreign miery			
	FIM Data	Maximum Length			
		Regular Length			
		Deleted Entry			
		Special Character			
	Call Laws	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			
	Oband alams data 543	Outgoing Video			
	Stand-alone data files	Audio			
		41(11()			

Test Case CFT	-IM-05 Device Seizure Version 3.1 build 3345.32887		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Fri Mar 20 09:38:26 EDT 2009		
	Acquisition finished: Fri Mar 20 09:45:12 EDT 2009		
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA		
	Notes: The ESN was acquired in the NV Memory Dump under the NV_ESN fo	lder.	
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.	NA	
	A_IM-06 Acquisition of MEID.	as expected	
Analysis:	Expected results achieved		

5.2.78 CFT-IM-06 (SCH u740)

I Legt Cade Com	-IM-06 Device Seizure Vers	sion 3.1 build 3345.32887		
Case		device internal memory and review reported PIM relate	-d	
Summary:	data.	astros internal memory and review reported firm relate		
Assertions:		rensic tool provides support for connectivity of the		
110001010110	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 for	rensic tool successfully completes acquisition of the		
	target device then the t	ool shall have the ability to present acquired data		
	elements in a human-read	able format via either a preview-pane or generated		
	report.			
	A_IM-07 If a cellular for	rensic 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 the		
	=	nown address book entries containing special character	CS.	
	_	human-readable format without modification.		
		rensic tool successfully completes acquisition of the nown address book entries containing blank names shall		
	=	readable format without modification.	-	
	-	rensic tool successfully completes acquisition of the		
		nown email addresses associated with address book		
	_	ed in a human-readable format without modification.		
	A_IM-12 If a cellular for	rensic tool successfully completes acquisition of the		
	target device then all k	nown graphics associated with address book entries		
		human-readable format without modification.		
	_	rensic tool successfully completes acquisition of the		
		nown datebook, calendar, note entries shall be		
	_	dable format without modification.		
		rensic tool successfully completes acquisition of the		
	=	aximum length datebook, calendar, note entries shall k	be	
	presented in a numan read	dable format without modification.		
Tester	rpa			
ICDCCI				
Name:				
Name: Test Host:	_			
	Morrisy	2009		
Test Host:	_	2009		
Test Host: Test Date:	Morrisy Fri Mar 20 09:46:39 EDT	2009		
Test Host: Test Date: Device:	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740	2009		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP	2009 DATA ELEMENTS		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable			
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS			
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 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 Outgoing		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data Call Logs	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 Outgoing		
Test Host: Test Date: Device: Source	Morrisy Fri Mar 20 09:46:39 EDT Samsung_SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data Call Logs	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 - Deleted		

Test Case CFI	-IM-06 Device Seizure Version 3.1 build 3345.32887	
	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	
	1.2000	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Fri Mar 20 09:46:39 EDT 2009 Acquisition finished: Fri Mar 20 09:52:38 EDT 2009	
	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	
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	as expected
	name entry. A_IM-11 Acquisition of embedded email addresses within address	as expected
	book entries. A_IM-12 Acquisition of embedded graphics within address book	as expected
	entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	as expected
	notes).	ag armantad
	A_IM-14 Acquisition of maximum length PIM data.	as expected
Analysis:	Expected results achieved	

5.2.79 CFT-IM-08 (SCH u740)

	-IM-08 Device Seizure Vers	sion 3.1 build 3345.32887	
Case		device internal memory and review reported text	
Summary:	messages.	device internal memory and review reported tene	
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the		
110001010110		ool shall successfully recognize the target device vi	
		erfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of the	٩
	target device then the to	ool shall have the ability to present acquired data	
		able format via either a preview-pane or generated	
	report.		
		rensic tool successfully completes acquisition of the	5
	_	ext messages (i.e., SMS, EMS) messages shall be	
	presented in a human-read	dable format without modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Mar 20 09:53:03 EDT	2009	
Device:	Samsung_SCHu740		
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	

Test Case CFT	-IM-08 Device Seizure Version 3.1 build 3345.32887		
	Video		
	Video - Deleted		
Log	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Fri Mar 20 09:53:03 EDT 2009		
	Acquisition finished: Fri Mar 20 10:00:23 EDT 2009		
	Device connectivity was established via supported interface		
	1		
	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired		
	And text messages (sms, sms) were acquired		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	A_IM-01 Device connectivity via supported interfaces.	as expect	ed
	A_IM-04 Readability and completeness of acquired data via	as expect	ed
	supported reports.		
	A_IM-16 Acquisition of text messages.	as expect	ed
Analysis:	Expected results achieved		

5.2.80 CFT-IM-09 (SCH u740)

	-IM-09 Device Seizure Ver	
Case		e device internal memory and review reported MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:		rensic tool provides support for connectivity of the
		ool shall successfully recognize the target device via
		erfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of the
	_	ool shall have the ability to present acquired data
		able format via either a preview-pane or generated
	report.	
	_	rensic tool successfully completes acquisition of the
	_	MS messages and associated audio shall be presented
	properly without modific	
		prensic tool successfully completes acquisition of the
		MS messages and associated images shall be presented
	properly without modific	
		prensic tool successfully completes acquisition of the
	_	MS messages and associated video shall be presented
	properly without modific	ation.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 20 10:00:49 EDT	2009
Device:	Samsung_SCHu740	
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 Enery
	PIM Data	Marrimum Longth
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing Outgoing - Deleted
	Text Messages	
	Text Messages	Outgoing - Deleted Incoming SMS - Read
	Text Messages	Outgoing - Deleted Incoming SMS - Read
	Text Messages	Outgoing - Deleted
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted
	Text Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted
		Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted
	Text Messages MMS Messages	Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted
		Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted
		Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio Incoming Image
		Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio Incoming Audio Incoming Image Incoming Video
		Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio Incoming Image

Test Case CFT	T-IM-09 Device Seizure Version 3.1 build 3345.32887	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
T	Created By Device Seizure Version 3.1 build 3345.32887	
Log	Acquisition started: Fri Mar 20 10:00:49 EDT 2009	
Highlights:	Acquisition started: Fri Mar 20 10:00:49 EDI 2009 Acquisition finished: Fri Mar 20 10:09:01 EDT 2009	
	Acquisition limished. Fit Mai 20 10.09.01 EDI 2009	
	Device connectivity was established via supported interface	
	Readability and completeness of acquired data was successful	
	ALL MMS messages (Audio, Image, Video) were 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-17 Acquisition of audio MMS messages.	as expected
	A_IM-18 Acquisition of image MMS messages.	as expected
	A_IM-19 Acquisition of video MMS messages.	as expected
Analysis:	Expected results achieved	

5.2.81 CFT-IM-10 (SCH u740)

	-IM-10 (SCH U/40)	sion 3.1 build 3345.32887			
Case		device internal memory and review reported stand-alone			
Summary:	multi-media data (i.e., 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 supported interfaces (e.g., cable, Bluetooth, IrDA).				
		prensic 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-20 If a cellular fo	rensic tool successfully completes acquisition of the			
	target device then all s	tand-alone audio files shall be playable via either an			
		$\hbox{suggested third-party application without modification}\\$			
		rensic tool successfully completes acquisition of the			
		tand-alone image files shall be viewable via either an			
	_ =	suggested third-party application without modification			
		rensic tool successfully completes acquisition of the			
		stand-alone video files shall be viewable via either an			
	internal application of	suggested third-party application without modification			
Tester Name:	rpa				
Test Host: Test Date:	Morrisy Fri Mar 20 10:09:26 EDT	2009			
Device:	Samsung_SCHu740	2007			
Source	OS: WIN XP				
Setup:	Interface: cable				
<u>-</u>	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 Incoming - Deleted			
		Incoming - Deleted Outgoing			
		Incoming - Deleted			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Read			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming Foreign EMS - Read			
	Text Messages	Incoming - Deleted Outgoing Outgoing - 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 - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted			
	Text Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted			
		Incoming - Deleted Outgoing Outgoing - 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 - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted			
	Text Messages MMS Messages	Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted 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 - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted			
		Incoming - Deleted Outgoing Outgoing - 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 Foreign EMS - Read Incoming Foreign EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted			
		Incoming - Deleted Outgoing Outgoing - 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 Foreign EMS - Read Incoming Foreign EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio Incoming Image			

Test Case CFT	-IM-10 Device Seizure Version 3.1 build 3345.32887		
	Outgoing Video		
	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
	·		
Log	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Fri Mar 20 10:09:26 EDT 2009		
	Acquisition finished: Fri Mar 20 10:20:25 EDT 2009		
	Paris and the second of the se		
	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	1	
	And Stand-atone data files (Addio, Image, Video) were acquired	L	
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		

5.2.82 CFT-IMO-01 (SCH u740)

	-IMO-01 Device Seizure Ver		
Case		e device internal memory and review reported data via	
Summary:	supported generated report formats.		
Assertions:	A_IMO-23 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.		
	modification via supporte	ed generated report formats.	
T			
Tester Name:	rpa		
Test Host:	Morrisy	2000	
Test Date: Device:	Fri Mar 20 10:25:13 EDT 2	2009	
	Samsung_SCHu740		
Source Setup:	Interface: cable		
secup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA ELEMENTS	
	Address Book Elicites	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	
	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 - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 Device Seizure Version 3.1 build 3345.32887		
Highlights:	ighlights: Acquisition started: Fri Mar 20 10:25:13 EDT 2009		
	Acquisition finished: Fri Mar 20 10:30:26 EDT 2009		
	Complete representation of known data via generated reports wa	s successful	
Results:			
	Assertion & Expected Result	Actual	
		Result	
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	
		_	
Analysis:	Expected results achieved	_	

5.2.83 CFT-IMO-02 (SCH u740)

Case	CFT-IMO-02 Acquire mobile	e device internal memory and review reported data via	
Summary:	the preview-pane.		
Assertions:	A_IMO-24 If a cellular forensic tool successfully completes acquisition of the		
Assertions.			
		ool shall present the acquired data without	
	modification in a preview	w-pane view.	
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Fri Mar 20 10:30:52 EDT 2	2009	
evice:	Samsung_SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA BEHADATO	
	Address Book Entries	Manadamana Tananakh	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
	PIM Data	Marriana Tanakh	
		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	<u> </u>	
	1.10 110000300	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	
	i		

Test Case CFT	-IMO-02 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Fri Mar 20 10:30:52 EDT 2009	
	Acquisition finished: Fri Mar 20 10:44:31 EDT 2009	
	Complete representation of known data via preview-pane was s	successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

5.2.84 CFT-IMO-03 (SCH u740)

	TYO 63 Part of the Part War	•
	-IMO-03 Device Seizure Ver	
Case		e device internal memory and compare reported data via
Summary:		ported generated reports.
Assertions:		prensic tool successfully completes acquisition of the
	_	ool shall present the acquired data without
		ed generated report formats. brensic tool successfully completes acquisition of the
		ool 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	
	consistency of all report	ted data elements.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 20 10:44:53 EDT 2	2000
Device:	Samsung_SCHu740	2009
	OS: WIN XP	
Source		
Setup:	Interface: cable	DAMA BI BUTUMA
	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
	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	
	This Ressages	Incoming Audio
		Incoming Image
		Incoming Thage Incoming Video
		-
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
	I L	

Test Case CFT	-IMO-03 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Fri Mar 20 10:44:53 EDT 2009 Acquisition finished: Fri Mar 20 11:46:27 EDT 2009 Complete representation of known data via generated reports was a complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of known data via preview-pane was successible to the complete representation of kn	ssful
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Analysis:	Expected results achieved	

5.2.85 CFT-IMO-04 (SCH u740)

	C-IMO-04 Device Seizure Ver		
ase		ssful mobile device internal memory acquisition, alte	
ummary:	the case file via third party means and attempt to re-open the case.		
ssertions:	=		
		means then the tool shall provide protection	
	mechanisms disallowing or	reporting data modification.	
ster Name:	rpa		
est Host:	Morrisy		
est Date:	Fri Mar 20 13:11:31 EDT 2	2009	
evice:	Samsung_SCHu740		
ource	OS: WIN XP		
etup:	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	
		video beleted	
	1		

Test Case CFT	-IMO-04 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Fri Mar 20 13:11:31 EDT 2009	
	Acquisition finished: Fri Mar 20 13:21:01 EDT 2009	
	Notification of modified case data was successful	
Results:		
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result A_IMO-26 Notification of modified device case data.	Actual Result
Results:	<u> </u>	
Results:	<u> </u>	

5.2.86 CFT-IMO-05 (SCH u740)

I.	T-11010-05 (0011 d7 40	-
	-IMO-05 Device Seizure Ver	
Case		sical acquisition and review data output for
Summary:	readability.	
Assertions:		prensic tool successfully completes acquisition of the
	_	ool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of the
	_	ool shall present the acquired data without
	modification in a preview	=
		forensic tool supports a physical acquisition of the
	_	ool shall successfully complete the acquisition and
	present the data in a hur	man-readable format.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 20 13:26:39 EDT 2	2009
Device:	Samsung_SCHu740	
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
	Torrt Magaagag	outgoing - Defeted
	Text Messages	In soming GMC Road
		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 nessages	Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		V1400

Test Case CF	I-IMO-05 Device Seizure Version 3.1 build 3345.32887		
	Video - Deleted		
Loq	Created By Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Fri Mar 20 13:26:39 EDT 2009		
3	Acquisition finished: Fri Mar 20 13:30:20 EDT 2009		
	Complete representation of known data via generated reports was a Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful	ssful	
	riysical Acquisicion. Teadability and Completeness was successful	L	
	Notes: GUID properties were not successfully acquired. The following error was reported: Error reading GUID properties. Try to reacquire device. If error reoccurs, please send logs to Paraben support team. [forensicsupport@paraben.com]		
	NV Memory Dump data type was successfully acquired.		
Results:	The state of the s		
	Assertion & Expected Result	Actual Result	
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	
	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	partial	
Analysis:	Partial results achieved		

5.2.87 CFT-IMO-08 (SCH u740)

Test Case CFT	-TMO-08 Device Seizure Ver	rsion 3.1 build 3345.32887	
Case		e device internal memory and review data containing	
Summary:	foreign language characters.		
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of the		
ASSELCIONS.	target device then the tool shall present the acquired data without modification via supported generated report formats. A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.		
	-	-	
		forensic tool supports proper display of foreign	
		then the application should present address book	
		gn language characters in their native format without	
	modification.	farancia basi summanta musman dismisu of faraism	
	_	forensic tool supports proper display of foreign then the application should present text messages	
	5 5	11 1	
	modification.	age characters in their native format without	
	modification.		
Tester Name:	rpa		
Test Host:	Morrisy	0000	
Test Date:	Fri Mar 20 14:18:43 EDT	2009	
Device:	Samsung_SCHu740		
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 Enery	
	PIM Data	Marainan Tanakh	
		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	
l		Incoming EMS - Read	
		Incoming EMS - Unread	
		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	
	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 Outgoing Audio Outgoing Image	
	MMS Messages Stand-alone data files	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image Incoming Video Outgoing Audio	

Test Case CFT	-IMO-08 Device Seizure Version 3.1 build 3345.32887			
	Audio			
	Audio - Deleted			
	Image			
	Image - Deleted			
	Video			
	Video - Deleted			
T.00	Created By Device Seizure Version 3.1 build 3345.32887			
Log Highlights:	Acquisition started: Fri Mar 20 14:18:43 EDT 2009			
HIGHIIGHUS.	Acquisition finished: Fri Mar 20 14:10:43 EDT 2009 Acquisition finished: Fri Mar 20 14:22:03 EDT 2009			
	Acquisicion finished. Fil Mar 20 14.22.03 EDI 2009			
	Complete representation of known data via generated reports was :	successful		
	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 but not properly displayed - NA			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	A_IMO-23 Comparison of known device data elements via	as expected		
	generated reports.			
	A_IMO-24 Comparison of known device data elements via preview-	as expected		
	pane.			
	A_IMO-37 Acquisition of address book entries containing	as expected		
	foreign language characters.			
	A_IMO-38 Acquisition of outgoing text messages containing	Not		
	foreign language characters.	applicable		
Analysis:	Expected results achieved	·		

5.2.88 CFT-IMO-09 (SCH u740)

r	TMO 00 Possino dei sussa Nos	-
Case	-IMO-09 Device Seizure Ver	e device internal memory and review hash values for
Summary:	vendor supported data ob	
Assertions:		prensic tool successfully completes acquisition of the
Assertions.	A_IMO-23 II a Cellular IC	pol shall present the acquired data without
		ed generated report formats.
		ed generated report formats. prensic tool successfully completes acquisition of the
		ool shall present the acquired data without
	modification in a preview	
		forensic tool supports hashing for individual data
	=	all present the user with a hash value for each
	supported data object.	
Manhau Mana		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 20 14:22:44 EDT 2	2009
Device:	Samsung_SCHu740	
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
	DTM Date	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	000301119 2010000
	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	
	Tail Hebbages	Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		VIGCO

Test Case CFT	-IMO-09 Device Seizure Version 3.1 build 3345.32887			
	Video - Deleted			
_				
Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Fri Mar 20 14:22:44 EDT 2009			
	Acquisition finished: Fri Mar 20 14:33:59 EDT 2009			
	Complete representation of known data via generated reports was	gucceaaful		
	Complete representation of known data via generated reports was successful			
	Device hash reporting for individual acquired data elements was successful			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	A_IMO-23 Comparison of known device data elements via	as expected		
	generated reports.			
	A_IMO-24 Comparison of known device data elements via	as expected		
	preview-pane.			
	A_IMO-39 Device hash reporting for individual acquired data	as expected		
	objects.			
2001200100	Post and a second to a solid consideration			
Analysis:	Expected results achieved			

5.2.89 CFT-IMO-10 (SCH u740)

Test Case CFT-IMO-10 Device Seizure Version 3.1 build 3345.32887				
Case		e device internal memory and review the overall case		
Summary:	file hash.			
Assertions:		prensic tool successfully completes acquisition of the		
	_	ool shall present the acquired data without		
	modification via supported generated report formats. A_IMO-24 If a cellular forensic tool successfully completes acquisition of			
	target device then the to	ool shall present the acquired data without		
	modification in a preview	w-pane view.		
	A_IMO-40 If the cellular	forensic tool supports hashing the overall case file		
	then the tool shall prese	ent the user with one hash value representing the		
	entire case data.	* -		
Tester Name:	rna			
Test Host:	rpa			
	Morrisy	2000		
Test Date:	Fri Mar 20 14:34:31 EDT 2	2009		
Device:	Samsung_SCHu740			
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			
	Pind Picabages	Ingoming Audio		
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
	beand-arone data files	744		
		Audio		
		Audio - Deleted		
		Image		
	<u> </u>	Image - Deleted		
		Video		
	1 [

Test Case CFT	-IMO-10 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Fri Mar 20 14:34:31 EDT 2009 Acquisition finished: Fri Mar 20 14:46:44 EDT 2009 Complete representation of known data via generated reports w Complete representation of known data via preview-pane was su Device hash reporting for overall case file was successful	
Results:	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Actual Result as expected as expected
Analysis:	preview-pane. A_IMO-40 Device hash reporting for overall case file. Expected results achieved	as expected
Analysis.	Expected results achieved	

5.2.90 CFT-IM-01 (SPH a660)

Case	C-IM-01 Device Seizure Vers	device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth,		
Assertions:		rensic tool provides support for connectivity of the	
10001010110	target device then the tool shall successfully recognize the target device		
		erfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa		
Test Host:	Morrisy		
Cest Date:	Tue Mar 24 08:00:26 EDT 2009		
Device:	Samsung_SPHa660		
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	Special character	
	carr rogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Torrt Maggagag	Outgoing - Defeted	
	Text Messages	Incoming SMS - Read	
		-	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS Poloted	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-IM-01 Device Seizure Version 3.1 build 3345.32887				
Highlights:	Acquisition started: Tue Mar 24 08:00:26 EDT 2009			
	Acquisition finished: Tue Mar 24 08:15:34 EDT 2009			
	Device connectivity was established via supported inter	face		
Results:				
	Assertion & Expected Result	Actual Result		
	A IM-01 Device connectivity via supported interfaces.	as expected		
	A_IM-01 Device connectivity via supported interfaces.	as expected		
	A_IM-VI Device connectivity via supported interfaces.	as expected		

5.2.91 CFT-IM-02 (SPH a660)

		ion 3.1 build 3345.32887	
Case Summary:	CFT-IM-02 Attempt interna	al memory acquisition of a non-supported mobile device	
Assertions:		rensic tool attempts to connect to a non-supported	
	device then the tool shall have the ability to identify that the device		
	supported.		
ester Name:	rpa		
est Host:	Morrisy Tue Mar 24 08:15:55 EDT 2009		
est Date:			
evice:	Samsung_SPHa660		
ource	OS: WIN XP		
Setup:	Interface: cable DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	nddress seen sierres	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	Mayimum Longth	
		Maximum Length Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special Character	
	0011 2035	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	
	Stand-alone data files	Outgoing Video	
	Scand-arone data files	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-IM-02 Device Seizure Version 3.1 build 3345.32887					
Highlights:	Acquisition started: Tue Mar 24 08:15:55 EDT 2009				
	Acquisition finished: Tue Mar 24 08:17:59 EDT 2009				
	Identification of non-supported devices was successful				
Results:					
	Assertion & Expected Result	Actual Result			
	A_IM-02 Identification of non-supported devices. as expected				
Analysis:	Expected results achieved				

5.2.92 CFT-IM-03 (SPH a660)

	-IM-03 Device Seizure Vers	ion 2 1 build 2245 22007	
Case		evice internal memory acquisition and interrupt	
Summary:	connectivity by interface		
Assertions:		rensic tool provides support for connectivity of the	
		ool shall successfully recognize the target device via	
		erfaces (e.g., cable, Bluetooth, IrDA).	
	A_IM-03 If a cellular forensic tool encounters disengagement between the device		
	= =	application shall notify the user that connectivity	
	has been disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 24 08:18:23 EDT 2	2009	
Device:	Samsung_SPHa660		
Source	OS: WIN XP		
Setup:	Interface: cable		
Бесар.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA BIBMBATO	
	Address Book Entries	26 1 2	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	10101911 211017	
	FIM Data	Maximum Length	
		3	
		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	
	1 - 1	Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Image Defecta	
		Video	
		Video	
		Video Video - Deleted	

Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Tue Mar 24 08:18:23 EDT 2009			
	Acquisition finished: Tue Mar 24 08:27:49 EDT 2009			
	Device connectivity was established via supported interface Device acquisition disruption notification was successful			
	Device acquisition distupcion motification was successful	1		
Results:	Device acquisition distupcion notification was successful	1		
Results:	Assertion & Expected Result	Actual Result		
Results:				
Results:	Assertion & Expected Result	Actual Result		
Results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result		

5.2.93 CFT-IM-04 (SPH a660)

	-IIVI-U4 (SFN 4000)	sion 3.1 build 3345.32887	
		device internal memory and review reported data via	
		rated reports for readability.	
		rensic tool provides support for connectivity of the	
		ool shall successfully recognize the target device via	
		erfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of the	
		ool shall have the ability to present acquired data	
		able format via either a preview-pane or generated	
	report.		
Tester Name:	rpa		
	Morrisy		
	Tue Mar 24 08:28:14 EDT 2009		
	Samsung_SPHa660		
	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	roreign Enery	
	TIM Bata	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Laga	Special Character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
	The section of the se	Outgoing - Deleted	
	Text Messages	T	
		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	I-IM-04 Device Seizure Version 3.1 build 3345.32887	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 24 08:28:14 EDT 2009 Acquisition finished: Tue Mar 24 08:32:24 EDT 2009 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	

5.2.94 CFT-IM-05 (SPH a660)

Test Case CFT-IM-05 (OFFI doco) Test Case CFT-IM-05 Device Seizure Version 3.1 build 3345.32887			
Case		device internal memory and review reported subscriber	
Summary:		formation (i.e., MEID, MSISDN).	
Assertions:		rensic tool provides support for connectivity of the	
	target device then the to	ool shall successfully recognize the target device via	
		erfaces (e.g., cable, Bluetooth, IrDA).	
		rensic 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		
		able format via either a preview-pane or generated	
	report. A_IM-05 If a cellular forensic tool successfully completes acquisition of the		
	_	riber related information shall be presented in a	
	human-readable format wit		
		rensic tool successfully completes acquisition of the	
		ment related information shall be presented in a human-	
	readable format without m	modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 24 08:32:44 EDT 2	2009	
Device:	Samsung_SPHa660		
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	roreign Enery	
	TIM Bata	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special character	
		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	2.11	
		Audio	

Test Case CFT	-IM-05 Device Seizure Version 3.1 build 3345.32887			
	Audio - Deleted			
	Image			
	Image - Deleted			
	Video			
	Video - Deleted			
Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Tue Mar 24 08:32:44 EDT 2009			
	Acquisition finished: Tue Mar 24 08:37:27 EDT 2009			
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) wer Notes: The ESN was located in the NV Memory Dump under NV_ESN	e 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.	as expected		
	A_IM-06 Acquisition of MEID.	as expected		
Analysis:	Expected results achieved			
Analysis:	Expected results achieved			

5.2.95 CFT-IM-06 (SPH a660)

	T-IM-06 Device Seizure Ver	sion 3.1 build 3345.32887		
Case	CFT-IM-06 Acquire mobile	device internal memory and review reported PIM relat		
Summary:	data.			
Assertions:	target device then the t all vendor supported int A_IM-04 If a cellular fo target device then the t elements in a human-read report.	rensic tool provides support for connectivity of the ool shall successfully recognize the target device vi erfaces (e.g., cable, Bluetooth, IrDA). rensic tool successfully completes acquisition of the ool shall have the ability to present acquired data able format via either a preview-pane or generated rensic tool successfully completes acquisition of the		
	human-readable format wi A_IM-08 If a cellular fo	nown address book entries shall be presented in a thout modification. rensic tool successfully completes acquisition of the nown maximum length address book entries shall be		
	A_IM-09 If a cellular fo target device then all k shall be presented in a A_IM-10 If a cellular fo	dable format without modification. rensic tool successfully completes acquisition of the nown address book entries containing special characte human-readable format without modification. rensic tool successfully completes acquisition of the nown address book entries containing blank names shal		
	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 of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification. A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries			
	A_IM-13 If a cellular fo target device then all k	human-readable format without modification. rensic tool successfully completes acquisition of the nown datebook, calendar, note entries shall be dable format without modification.		
	target device then all m	rensic tool successfully completes acquisition of the aximum length datebook, calendar, note entries shall dable format without modification.		
Tester Name:	rpa			
Name: Test Host:	Morrisy			
Name: Test Host: Test Date:	Morrisy Tue Mar 24 08:41:09 EDT	2009		
Name: Test Host: Test Date: Device:	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660	2009		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP	2009		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable			
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	2009 DATA ELEMENTS		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable	DATA ELEMENTS		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Special Character		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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:	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Outgoing		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data Call Logs	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 Tue Mar 24 08:41:09 EDT Samsung_SPHa660 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 Outgoing - Deleted		
Name: Test Host: Test Date: Device: Source	Morrisy Tue Mar 24 08:41:09 EDT Samsung_SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data Call Logs	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 Outgoing		

Test Case CFI	-IM-06 Device Seizure Version 3.1 build 3345.32887	
	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: Tue Mar 24 08:41:09 EDT 2009 Acquisition finished: Tue Mar 24 08:48:31 EDT 2009 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	
Results:	Assertion & Expected Result	Actual
	2 774 01 72 1	Result
	A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	as expected
	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	as expected
	characters.	ab enpected
	A_IM-10 Acquisition of address book entries containing a blank	as expected
	name entry.	one on-p
	A_IM-11 Acquisition of embedded email addresses within address	as expected
	A_IM II Acquibicion of chibcuaca chiair addresses within address	i – I
	book entries.	
	book entries. A_IM-12 Acquisition of embedded graphics within address book	as expected
	book entries. A_IM-12 Acquisition of embedded graphics within address book entries.	as expected
	book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	as expected
	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).	as expected
	book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	_
	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).	as expected
Analysis:	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).	as expected

5.2.96 CFT-IM-07 (SPH a660)

	-IM-07 (OI II dOOO)	sion 3.1 build 3345.32887	
Case	•	device internal memory and review reported call logs	
Summary:	cri in o, negatic mobile	device internal memory and review reported earl rogs	٠.
Assertions:	A IM-01 If a cellular for	rensic tool provides support for connectivity of the	
		pol shall successfully recognize the target device vi	
		erfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of the	e
		ool shall have the ability to present acquired data	
	elements in a human-reada	able format via either a preview-pane or generated	
	report.		
	A_IM-15 If a cellular for	rensic tool successfully completes acquisition of the	e
	target device then all ca	all logs (incoming/outgoing) shall be presented in a	
	human-readable format wit	thout modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 24 09:58:50 EDT 2	2009	
Device:	Samsung_SPHa660		
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	bpecial character	
	carr nogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Tout Magazga	Outgoing - Defeted	
	Text Messages	Transina CMC Road	
		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	<u> </u>	
	11010 0000 11105	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		דווומאפ - הבדברבמ	

	Video	
	Video - Deleted	
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 24 09:58:50 EDT 2009 Acquisition finished: Tue Mar 24 10:10:23 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Incoming Calls were not acquired - acquisition not supported Outgoing Calls were not acquired - acquisition not supported	
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-15 Acquisition of call logs.	Not applicable
Analysis:	Expected results achieved	

5.2.97 CFT-IM-08 (SPH a660)

	-IM-08 Device Seizure Vers	tion 3 1 build 3345 32887	
Case		device internal memory and review reported text	
Summary:	messages.	device intellial memory and review reported text	
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the		
110001010110		ool shall successfully recognize the target device vi	
		erfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of the	
	target device then the to	ool shall have the ability to present acquired data	
		able format via either a preview-pane or generated	
	report.		
		rensic tool successfully completes acquisition of the	
	_	ext messages (i.e., SMS, EMS) messages shall be	
	presented in a human-read	dable format without modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 24 10:18:52 EDT 2	2009	
Device:	Samsung_SPHa660		
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	

Test Case CFT	-IM-08 Device Seizure Version 3.1 build 3345.32887			
	Video			
	Video - Deleted			
	G			
Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Tue Mar 24 10:18:52 EDT 2009 Acquisition finished: Tue Mar 24 10:48:06 EDT 2009			
	Acquisition finished. The Mar 24 10.40.00 EDT 2009			
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful			
	ALL text messages (SMS, EMS) were acquired			
	Notes:			
	The "Number" field contains the textual portion of the SMS and	EMS messages		
	instead of the phone number.			
D 1 + •				
Results:	Assertion & Expected Result	Actual		
	Assertion & Expected Result	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.	as expected		
	A_IM-16 Acquisition of text messages. partial			
	I mogatistion of cone messages.			
Analysis:	Partial results achieved			

5.2.98 CFT-IMO-01 (SPH a660)

Test Case CFT	-IMO-01 Device Seizure Ver		
Case	CFT-IMO-01 Acquire mobile	e device internal memory and review reported data via	
Summary:	supported generated repor	rt formats.	
ssertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of t		
	target device then the to	ool shall present the acquired data without	
	modification via supporte	ed generated report formats.	
		<u>.</u>	
ester Name:	rpa		
est Host:	Morrisy		
est nost:	Tue Mar 24 12:02:34 EDT 2	2000	
		2009	
evice:	Samsung_SPHa660		
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	
		*	
	774 7	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	
		9	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Image Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		3	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 Device Seizure Version 3.1 build 3345.32887	
Highlights:	Acquisition started: Tue Mar 24 12:02:34 EDT 2009 Acquisition finished: Tue Mar 24 12:11:29 EDT 2009	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.99 CFT-IMO-02 (SPH a660)

Case	CFT-IMO-02 Device Seizure Ver	e device internal memory and review reported data via	
Summary:	the preview-pane.		
Assertions:			
		ool shall present the acquired data without	
	modification in a preview		
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Tue Mar 24 12:11:48 EDT 2	2009	
evice:	Samsung_SPHa660		
ource	OS: WIN XP		
etup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Manadaman Tananda	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DIM Data	Foreign Entry	
	PIM Data	Marrimum Langth	
		Maximum Length	
		Regular Length	
		Deleted Entry Special Character	
	Call Iama	Special Character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming Poloted	
		Incoming - Deleted	
		Outgoing Outgoing - Deleted	
	Toyt Magaaga	Outgoing - Defeted	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming Foreign EMS - Read Incoming EMS - Deleted	
		Outgoing EMS - Deleted	
		Outgoing EMS - Deleted	
	MMS Messages	odegoing and Defeed	
	This riesbages	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	
		ATORO - DETECTOR	

Test Case CFT	-IMO-02 Device Seizure Version 3.1 build 3345.32887		
Highlights:	Acquisition started: Tue Mar 24 12:11:48 EDT 2009 Acquisition finished: Tue Mar 24 12:24:19 EDT 2009 Complete representation of known data via preview-pane was	successful	
Results:	Assertion & Expected Result Actual Result		
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	
Analysis:	Expected results achieved		

5.2.100 CFT-IMO-03 (SPH a660)

	F1-1100-03 (SPH a00	•
	-IMO-03 Device Seizure Ver	
Case		e device internal memory and compare reported data via
Summary:	the preview-pane and supp	ported generated reports. Drensic tool successfully completes acquisition of the
Assertions:	_	prensic tool successfully completes acquisition of the cool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of the
	_	pol 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	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 24 12:24:38 EDT 2	2009
Device:	Samsung_SPHa660	
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	Foreigh Enery
	PIM Data	Maximum Length
		2
		Regular Length
		Deleted Entry
	Call Tana	Special Character
	Call Logs	Mil man d
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
	- 1	Outgoing - Deleted
	Text Messages	- ' ava - 1
		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	
	Stand atone data files	Audio
		Audio - Deleted
		Image Deleted
		Image - Deleted
	,	Video

Test Case CFT	-IMO-03 Device Seizure Version 3.1 build 3345.32887			
	Video - Deleted			
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 24 12:24:38 EDT 2009 Acquisition finished: Tue Mar 24 13:28:32 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful			
Results:				
	Assertion & Expected Result	Actual Result		
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected		
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected		
	A_IMO-25 Compare generated reports and preview-pane views for as expected device acquisition.			
Analysis:	Expected results achieved			

5.2.101 CFT-IMO-04 (SPH a660)

_	-IMO-04 Device Seizure Ver		
Case	CFT-IMO-04 After a successful mobile device internal memory acquisition, alter		
Summary:	the case file via third party means and attempt to re-open the case.		
ssertions:	A_IMO-26 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.		
	mechanisms disallowing or	reporting data modification.	
1			
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Tue Mar 24 13:29:18 EDT 2	2009	
evice:	Samsung_SPHa660		
ource	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	Special character	
	carr negs	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	
		3 3	
		Outgoing Image	
	Chandadan 3 : 513	Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	1		

Test Case CFT-IMO-04 Device Seizure Version 3.1 build 3345.32887				
Highlights:	Acquisition started: Tue Mar 24 13:29:18 EDT 2009			
	Acquisition finished: Tue Mar 24 13:53:14 EDT 2009			
	Notification of modified case data was successful			
Results:				
	Assertion & Expected Result	Actual Result		
	A_IMO-26 Notification of modified device case data.	as expected		
		_		
Analysis:	Expected results achieved			

5.2.102 CFT-IMO-05 (SPH a660)

Test Case CFT-IMO-05 Device Seizure Version 3.1 build 3345.32887					
Case	CFT-IMO-05 Perform a physical acquisition and review data output for				
Summary:	readability. A_IMO-23 If a cellular forensic tool successfully completes acquisition of the				
Assertions:	_				
	_	ool shall present the acquired data without			
		ed generated report formats.			
	A_IMO-24 If a cellular forensic tool successfully completes acqu				
	=	ool shall present the acquired data without			
	modification in a preview				
		forensic tool supports a physical acquisition of the			
		ool shall successfully complete the acquisition and			
	present the data in a hur	man-readable format.			
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Mar 24 15:00:26 EDT 2	2009			
Device:	Samsung_SPHa660				
Source	OS: WIN XP				
Setup:	Interface: cable				
<u>-</u>	DATA OBJECTS	DATA ELEMENTS			
	Address Book Entries				
	Address Book Entires	Maximum 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			
	0.11.7	Special Character			
	Call Logs				
		Missed			
		Missed - Deleted			
		Incoming			
		Incoming - Deleted			
		Outgoing			
		Outgoing - Deleted			
	Text Messages				
	Tene menuser	Incoming SMS - Read			
		Incoming SMS - Unread			
		Incoming SMS - Onread 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	odogorny mio zorocod			
	mino messages	Incoming Audio			
		_			
		Incoming Image			
		Incoming Video			
		Outgoing Audio			
		Outgoing Image			
		Outgoing Video			
	- 1 1 1 CI1				
	Stand-alone data files				
	Stand-alone data files	Audio			
	Stand-alone data files	Audio - Deleted			
	Stand-alone data files	Audio - Deleted			
	Stand-alone data files	Audio - Deleted Image			
	Stand-alone data files	Audio - Deleted			

Test Case CFT-IMO-05 Device Seizure Version 3.1 build 3345.32887				
	Video - Deleted			
Log	Created By Device Seizure Version 3.1 build 3345.32887			
Highlights:	Acquisition started: Tue Mar 24 15:00:26 EDT 2009			
	Complete representation of known data via generated reports was			
	Complete representation of known data via preview-pane was succes	ssful		
		1		
	Physical Acquisition: readability and completeness was successful			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	A_IMO-23 Comparison of known device data elements via as expected			
	generated reports.			
A_IMO-24 Comparison of known device data elements via preview- as experience pane.				
	A_IMO-27 Readability and completeness of data acquired via a	as expected		
	physical acquisition.			
Analysis:	Expected results achieved			

5.2.103 CFT-IMO-08 (SPH a660)

Case					
		rsion 3.1 build 3345.32887 e device internal memory and review data containing			
Summary:	foreign language characters.				
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of the				
1100010110	target device then the tool shall present the acquired data without				
	modification via supported generated report formats.				
	A_IMO-24 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				
		forensic tool supports proper display of foreign			
	language character sets	then the application should present address book			
	entries containing foreign	gn language characters in their native format without			
	modification.				
	A_IMO-38 If the cellular	forensic tool supports proper display of foreign			
	language character sets	then the application should present text messages			
	containing foreign langua	age characters in their native format without			
	modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Mar 24 13:54:19 EDT 2	2009			
Device:	Samsung_SPHa660				
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	10101gii Enory			
	TIM Baca	Maximum Length			
		Regular Length			
		Deleted Entry			
		Special Character			
	Call Logs	bpcolai character			
	carr rogs	Missed			
		Missed - Deleted			
		Incoming			
		Incoming - Deleted			
	-	Outgoing			
		Outgoing - Deleted			
	Toxt Moggacos	ourdoind - pereced			
	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			
Į.		Outgoing Audio			
		Outgoing Audio			
		Outgoing Image Outgoing Video			

Test Case CF1	I-IMO-08 Device Seizure Version 3.1 build 3345.32887			
	Audio			
	Audio - Deleted			
	Image			
	Image - Deleted			
	Video			
	Video - Deleted			
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887			
HIGHIIGHUS.	Acquisition started: Tue Mar 24 13:54:19 EDT 2009 Acquisition finished: Tue Mar 24 14:16:21 EDT 2009			
	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 not acquired - NA			
Results:				
	Assertion & Expected Result	Actual Result		
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected		
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected		
	A_IMO-37 Acquisition of address book entries containing foreign language characters.	as expected		
	A_IMO-38 Acquisition of outgoing text messages containing	Not		
	foreign language characters.	applicable		
Analysis:	Expected results achieved			

5.2.104 CFT-IMO-09 (SPH a660)

		•			
	-IMO-09 Device Seizure Ver				
Case	_	e device internal memory and review hash values for			
Summary:	vendor supported data objects. A_IMO-23 If a cellular forensic tool successfully completes acquisition of the				
Assertions:		orensic tool successfully completes acquisition of the ool shall present the acquired data without			
	_	-			
	modification via supported generated report formats. A_IMO-24 If a cellular forensic tool successfully completes acquisition target device then the tool shall present the acquired data without				
	modification in a preview				
	_	forensic tool supports hashing for individual data			
	_	all present the user with a hash value for each			
	supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Mar 24 14:17:00 EDT 2	2009			
Device:	Samsung_SPHa660				
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			
	The set Manual Control	Outgoing - Deleted			
	Text Messages	Ingoming CMC Road			
		Incoming SMS - Read			
		Incoming SMS - Unread			
		Incoming SMS - Deleted			
		Outgoing SMS Outgoing SMS - Deleted			
		Incoming EMS - Read			
		Incoming EMS - Read Incoming EMS - Unread			
		Incoming Foreign EMS - Read			
		Incoming Foreign EMS - Read Incoming EMS - Deleted			
		Outgoing EMS			
		Outgoing EMS - Deleted			
	MMS Messages	oursoring min - Deferen			
	Paris Pressages	Incoming Audio			
		Incoming Audio			
		Incoming Image Incoming Video			
		Outgoing Audio			
		Outgoing Audio Outgoing Image			
		Outgoing Image Outgoing Video			
	Stand-alone data files	Outgoing video			
	Stand-alone data liles	Audio			
		Audio Audio - Deleted			
		Image Image - Deleted			
		Video			

Test Case CFT	-IMO-09 Device Seizure Version 3.1 build 3345.32887	
	Video - Deleted	
Log Highlights: Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 24 14:17:00 EDT 2009 Acquisition finished: Tue Mar 24 14:22:31 EDT 2009 Complete representation of known data via generated reports was successful Device hash reporting for individual acquired data elements was successful		
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-39 Device hash reporting for individual acquired data objects.	as expected
Analysis:	Expected results achieved	

5.2.105 CFT-IMO-10 (SPH a660)

Test Case CFT-IMO-10 (SFH d000) Test Case CFT-IMO-10 Device Seizure Version 3.1 build 3345.32887				
Case Summary:	CFT-IMO-10 Acquire mobile file hash.	e device internal memory and review the overall case		
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of target device then the tool shall present the acquired data without modification via supported generated report formats. A_IMO-24 If a cellular forensic tool successfully completes acquisition of target device then the tool shall present the acquired data without			
	modification in a preview			
	A_IMO-40 If the cellular	forensic tool supports hashing the overall case file ent the user with one hash value representing the		
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue Mar 24 14:22:49 EDT 2	2009		
Device:	Samsung_SPHa660			
Source Setup:	OS: WIN XP Interface: cable			
secup.	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 Date	Foreign Entry		
	PIM Data	Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
	March Marray van	Outgoing - Deleted		
	Text Messages	Incoming SMS - Read		
		Incoming SMS - Read Incoming SMS - Unread		
		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	To accept to the Parist of		
		Incoming Audio		
		Incoming Image Incoming Video		
		Outgoing Audio		
		Outgoing Audio Outgoing Image		
		Outgoing Timage Outgoing Video		
	Stand-alone data files	outgoing video		
	Tours alone data liles	Audio		
		Audio - Deleted		
		Image		
		Illiage		
		Image - Deleted		

Test Case CFT	-IMO-10 Device Seizure Version 3.1 build 3345.32887		
	Video - Deleted		
Log Highlights:	Created By Device Seizure Version 3.1 build 3345.32887 Acquisition started: Tue Mar 24 14:22:49 EDT 2009 Acquisition finished: Tue Mar 24 14:49:41 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Device hash reporting for overall case file was successful		
Results:	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-40 Device hash reporting for overall case file.	Actual Result as expected as expected as expected	
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.
- 2. Create scientific, relevant, and reliable knowledge—with a particular emphasis on terrorism, violent crime, drugs and crime, cost-effectiveness, and community-based efforts—to enhance the administration of justice and public safety.
- 3. Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

Dissemination

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

Agency management

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

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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