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Test Results for Mobile Device Acquisition Tool: BitPim - 1.0.6-official	

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Test Results for Mobile Device Acquisition Tool: BitPim - 1.0.6-official



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Test Results for Mobile Device Acquisition Tool:

BitPim - 1.0.6-official



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Introduction

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

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. This approach to testing computer forensic tools is based on well-recognized methodologies for conformance and quality testing. The specifications and test methods 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 BitPim, version 1.0.6-official, 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: BitPim

Version: 1.0.6-official

Run Environments: Windows XP Service Pack 2

Supplier: www.bitpim.org

Developers: Joe Pham, Stephen Wood, Sean Burke, Nathan Hjelm, and others.

Email: <u>djpham@bitpim.org</u>
WWW: <u>http://www.bitpim.org</u>

1 Results Summary

Except for the following test cases: CFT-IM-01 (LG vx6100), CFT-IM-08 (LG vx5400, Moto v710, SCH u740, SPH a660), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., LG vx5400, MOTO v710, Samsung SCH u410, Samsung SCH u740, Samsung SPH a660). The exceptions are the following:

- Connectivity was not established via the supported cable interface; therefore, acquisition of device memory was not successful. Test Case: CFT-IM-01 (LG VX6100)
- Address book entries and text messages containing non-ASCII characters such as:
 à, é were excluded from the address book entry. Test Case: CFT-IMO-08 (LG VX5400, SCH-u740)
- Address book entries containing non-ASCII characters such as: 阿恶哈拉 were not reported. Text messages containing non-ASCII characters such as: à, é, 阿恶哈拉 were not reported. Test Case: CFT-IMO-08 (Moto v710)
- Text messages containing containing non-ASCII characters such as: à, é were excluded from text message. Test Case: CFT-IMO-08 (SPH-a660)

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–1d) list the features available in BitPim and the linked test cases. Tables (2a–2d) list the features not available in BitPim. 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, SCH-u740)

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	CFT-IMO-07
generated log files	
Acquire mobile device internal memory and review data	CFT-IMO-08
containing foreign language characters	

Table 1b: Selected Test Cases (LG VX6100)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01)

Table 1c: Selected Test Cases (Moto v710)

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	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability	

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 1d: Selected Test Cases (SPH-a660)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-06, 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	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability	
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 2a: Omitted Test Cases (LG VX5400, SCH-u740)

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 file	
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data	
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)
Attempt internal memory acquisition of a nonsupported	CFT-IM-02
mobile device	
Begin mobile device internal memory acquisition and	CFT-IM-03
interrupt connectivity by interface disengagement	
Acquire mobile device internal memory and review	CFT-IM-04
reported data via the preview pane or generated reports	
for readability	

Acquire mobile device internal memory and review	CFT-IM-05
reported subscriber and equipment related information (i.e., MEID/ESN, MSISDN)	
Acquire mobile device internal memory and review	CFT-IM-06
reported PIM related data	
Acquire mobile device internal memory and review	CFT-IM-07
reported call logs	
Acquire mobile device internal memory and review	CFT-IM-08
reported text messages	
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).	
Acquire mobile device internal memory and review	CFT-IMO-01
reported data 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 reports	
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	CFT-IMO-07
generated log files	
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 (Moto v710)

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IM-07
reported call logs	
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	

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data	
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 (SPH-a660)

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IM-07
reported call logs	
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)	
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	
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	

3 Results by Test Assertion

Tables 3a–3d summarize the test results by assertion. The column labeled **Assertions 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, SCH-u740)

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.	1	
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.		
A_IM-11 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known email addresses associated with	1	
address book entries shall be presented in a human-readable format		
without modification.		
	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.	1	
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-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) 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	1	
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	1	
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	1	
be presented properly without modification.		
	1	
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	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.		
	1	
A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand alone image files shall be viewable view	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.	1	
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.	4	
A_IMO-23 If a cellular forensic tool successfully completes acquisition	4	
of the target device then the tool shall present the acquired data without		
modification via supported generated report formats.	4	
A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without	4	
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-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.	1	
A_IMO-36 If the cellular forensic tool supports log creation then the	1	
application should present the log files consistent with the application		
documentation (e.g., outlining the acquisition process).	1	2.2
A_IMO-37 If the cellular forensic tool supports proper display of	1	3.2
foreign language character sets then the application should present		
address book entries containing foreign language characters in their		
native format without modification.	1	2.2
A_IMO-38 If the cellular forensic tool supports proper display of	1	3.2
foreign language character sets then the application should present text		
messages containing foreign language characters in their native format		
without modification.		

Table 3b: Assertions Tested (LG VX6100)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	1	3.1
the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		

Table 3c: Assertions Tested (Motorola V710)

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 email 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 of the target daying then all known graphics associated with address	1	
of the target device then all known graphics associated with address		
book entries shall be presented in a human-readable format without		
modification.	1	
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.	<u> </u>	
A_IM-18 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated images shall		
be presented properly without modification.		
A_IM-19 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated video shall		
be presented properly without modification.		
A_IM-20 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone audio files shall be playable via		
either an internal application or suggested third-party application		
without modification.		
A_IM-21 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone image files shall be viewable via		
either an internal application or suggested third-party application		
without modification.		
A_IM-22 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone video files shall be viewable via	1	
either an internal application or suggested third-party application		
without modification.		
	1	
A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target daying then the tool shall present the acquired data without	4	
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	4	
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–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.		
A_IMO–36 If the cellular forensic tool supports log creation then the	1	
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	1	3.2
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	1	3.2
foreign language character sets then the application should present text		
messages containing foreign language characters in their native format		
without modification.		

Table 3d: Assertions Tested (SPH a660)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	6	
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	4	
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.		
A_IM-11 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known email addresses associated with	1	
address book entries shall be presented in a human-readable format without modification.		
	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.	1	
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_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.		
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-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.		
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	1	
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	1	
recoverable deleted call log data or data remnants in a human-readable		
recoverable defected can log data of data reminants in a numan-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		
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		
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	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.		
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.		
A_IMO–36 If the cellular forensic tool supports log creation then the	1	
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	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–38 If the cellular forensic tool supports proper display of	1	3.2
foreign language character sets then the application should present text		
messages containing foreign language characters in their native format		
without modification.		

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

Table 4a: Assertions Not Tested (LG VX5400, SCH u740)

Assertions not Tested

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–39** If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
- **A_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.

Table 4b: Assertions Not Tested (LG VX6100)

Assertions not Tested

- **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-06** If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.
- **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 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-10** If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.
- **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 shall be presented in a human-readable format without modification.
- **A_IM-13** If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.
- **A_IM-14** If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.
- **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-16** If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.
- **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–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–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.
- **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–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.
- **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.
- **A_IMO-39** If the cellular forensic tool supports hashing for individual data objects then

the tool shall present the user with a hash value for each supported data object.

A_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.

Table 4c: Assertions Not Tested (Moto v710)

Assertions not Tested

- **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–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–39** If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
- **A_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.

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

Assertions not Tested

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–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–39** If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
- **A_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.

3.1 Device Connectivity

Connectivity with the LG VX6100 over a cable interface was not established. BitPim generated the following log file:

```
13:23:38.108 COM11: Opening port COM11, 115200 baud, timeout 3.000000, hardwareflow 0,
softwareflow 0
13:23:38.233 COM11: Open of comm port suceeded
13:23:38.233 LG-VX6100: Attempting to contact phone
13:23:38.233 LG-VX6100: Listing subdirs in dir:
13:23:38.250 LG-VX6100: X recurse=0
13:23:41.265 COM11: Timed out - flushing and trying again
13:23:44.265 COM11: Timed out waiting for 7e, requested bytes 1 \, - 0 bytes read
13:23:47.280 COM11: Timed out - flushing and trying again
13:23:50.296 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:50.342 COM11: Changed port speed to 38400
13:23:53.858 COM11: Timed out - flushing and trying again
13:23:56.875 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:56.921 COM11: Changed port speed to 115200
13:24:00.437 COM11: Timed out - flushing and trying again
13:24:03.453 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:06.467 LG-VX6100: No response to AT+GMM
13:24:09.483 LG-VX6100: No response to setting QCDMG mode
13:24:09.530 COM11: Changed port speed to 115200
13:24:13.046 LG-VX6100: No response to AT+GMM
13:24:16.062 LG-VX6100: No response to setting QCDMG mode
13:24:16.125 COM11: Changed port speed to 19200
13:24:19.640 LG-VX6100: No response to AT+GMM
13:24:22.640 LG-VX6100: No response to setting QCDMG mode
13:24:22.703 COM11: Changed port speed to 230400
13:24:26.217 LG-VX6100: No response to AT+GMM
13:24:29.233 LG-VX6100: No response to setting QCDMG mode
13:24:32.250 COM11: Timed out - flushing and trying again
13:24:35.250 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:35.312 COM11: Changed port speed to 38400
13:24:38.828 COM11: Timed out - flushing and trying again
13:24:41.828 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:41.890 COM11: Changed port speed to 115200
13:24:45.405 COM11: Timed out - flushing and trying again
13:24:48.421 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:48.421 Failed to read filesystem
13:24:48.421 LG-VX6100: Listing files in dir: ''
13:24:51.437 COM11: Timed out - flushing and trying again
13:24:54.437 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:57.453 COM11: Timed out - flushing and trying again
```

3.2 Acquisition of Data Containing Non-ASCII Characters

Address book entries containing non-ASCII characters were not reported in their native format (e.g., characters containing accent marks such as: à, é were excluded) for the following devices: LG vx5400, Samsung SCH u740.

Text messages containing non-ASCII characters were not reported in their native format (e.g., characters containing accent marks such as: à, é were excluded from the text) for the following devices: LG vx5400, Motorola v710, Samsung SCH u740, Samsung SPH a660.

Address book entries and text messages containing characters such as: 阿恶哈拉 were not reported.

4 Testing Environment

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

One test computer was used.

Morrisy has the following configuration:

Intel® D975XBX2 Motherboard
BIOS Version BX97520J.86A.2674.2007.0315.1546
Intel® CoreTM2 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 2 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.	
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)

Test Case CFT	-IM-01 BitPim 1.0.6-offic		
Case	CFT-IM-01 Acquire mobile	e device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	A IM-01 If a cellular fo	prensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
	device via all vendor su	apported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 13 12:00:26 EDT	2009	
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
1	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Hadroos Book Energe	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	DIM Data	LOTETÀ!! EIICTÀ	
	PIM 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	
		Outgoing Video	
	Stand-alone data files	Outgoing video	
	Stand-alone data illes	Andio	
	 	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
	1.1	Video - Deleted	

Test Case CFT	Test Case CFT-IM-01 BitPim 1.0.6-official		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:00:26 EDT 2009 Acquisition finished: Mon Jul 13 12:03:19 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		

5.2.2 CFT-IM-02 (LG VX5400)

-IM-02 BitPim 1.0.6-offici CFT-IM-02 Attempt intern	al memory acquisition of a non-supported mobile	
	at memory acquisition of a non-supported mobile	
device.		
A IM-02 If a cellular fo	rensic tool attempts to connect to a non-supported	
device then the tool sha	ll have the ability to identify that the device is	
not supported.		
rpa		
Morrisy		
Mon Jul 13 12:04:23 EDT	2009	
non_supported_device		
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	1000000	
1	Incoming Audio	
	Incoming Image	
	Incoming Image Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Image Outgoing Video	
Ctand-alone data files	Oucyoting viuco	
Scand-arone data files	Audio	
	Audio - Deleted	
	Image Deleted	
	Image - Deleted	
	Video	
	Video - Deleted	
1		
	A_IM-02 If a cellular for device then the tool shall not supported. rpa Morrisy Mon Jul 13 12:04:23 EDT non_supported device OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Mon Jul 13 12:04:23 EDT 2009		
	Acquisition finished: Mon Jul 13 12:05:50 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		

5.2.3 CFT-IM-03 (LG VX5400)

Test Case CFT	-IM-03 BitPim 1.0.6-offici	
Case		evice internal memory acquisition and interrupt
Summary:	connectivity by interface	
Assertions:	A IM-01 If a cellular for	rensic tool provides support for connectivity of
		he tool shall successfully recognize the target
	device via all vendor su	oported interfaces (e.g., cable, Bluetooth, IrDA).
	A IM-03 If a cellular for	rensic tool encounters disengagement between the
		hen the application shall notify the user that
	connectivity has been dis	
	1	- · · · · · · · · · · · · · · · · · · ·
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 13 12:19:01 EDT	2009
Device:	LG vx5400	2009
Source	OS: WIN XP	
	Interface: cable	
Setup:	DATA OBJECTS	DAMA DI DADAMO
		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
	0.11 7	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
		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 DOICCOU

Test Case CFT	-IM-03 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:19:01 EDT 2009 Acquisition finished: Mon Jul 13 12:21:48 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	

5.2.4 CFT-IM-04 (LG VX5400)

Test Case CFT	FT-IM-04 BitPim 1.0.6-official		
Case	CFT-IM-04 Acquire mobile device internal memory and review reported data		
Summary:		generated reports for readability.	
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of		
		ne tool shall successfully recognize the target	
		oported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of	
	the target device then the	ne tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
	generated report.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Jul 13 12:29:50 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	, <u> </u>	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special character	
	cair rogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	outgoing beleted	
	Text Messages	Incoming SMS - Read	
		-	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
	11	Video - Deleted	

Test Case CFT	-IM-04 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:29:50 EDT 2009 Acquisition finished: Mon Jul 13 12:35:07 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	

5.2.5 CFT-IM-05 (LG VX5400)

Test Case CFT	T-IM-05 BitPim 1.0.6-official		
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 target device then the tool shall successfully recognize the target		
		upported interfaces (e.g., cable, Bluetooth, IrDA).	
		orensic tool successfully completes acquisition of	
		the tool shall have the ability to present acquired	
	qenerated report.	n-readable format via either a preview-pane or	
		orensic tool successfully completes acquisition of	
		subscriber related information shall be presented in	
	a human-readable format	without modification.	
		orensic tool successfully completes acquisition of	
		equipment related information shall be presented in	
	a human-readable format	without modification.	
Tester	rpa		
Name:	ı pa		
Test Host:	Morrisy		
Test Date:	Mon Jul 13 12:49:29 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	1000090 20001	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming Incoming - Deleted	
		Outgoing - Defeted	
		Outgoing - Deleted	
	Text Messages	7 7	
		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	sacgoing his beleeca	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
,		Outgoing Image	
		Outgoing Video	
		onegoing vinco	

Test Case CFT	-IM-05 BitPim 1.0.6-official	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Mon Jul 13 12:49:29 EDT 2009	
	Acquisition finished: Mon Jul 13 12:54:20 EDT 2009	
	Device connectivity was established via supported interfa	
	Readability and completeness of acquired data was success Subscriber and Equipment related data (i.e., MSISDN, MEII	
	Subscriber and Equipment related data (i.e., MSISDN, MEII)) 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 v	ia as expected
	supported reports.	
	A_IM-05 Acquisition of MSISDN.	as expected
	A IM-06 Acquisition of MEID.	as expected
Analysis:	Expected results achieved	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

5.2.6 CFT-IM-06 (LG VX5400)

1000 0000 011	'-IM-06 BitPim 1.0.6-offic	rial		
Case		e device internal memory and review reported PIM		
Summary:	related data.			
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectiv			
	the target device then the tool shall successfully recognize the target			
	device via all vendor supported 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.			
		prensic tool successfully completes acquisition of		
	the target device then all known address book entries shall be presented in a human-readable format without modification.			
		prensic tool successfully completes acquisition of		
		all known maximum length address book entries shall		
		-readable format without modification.		
		prensic tool successfully completes acquisition of		
		all known address book entries containing special		
		sented in a human-readable format without		
	modification.			
		prensic tool successfully completes acquisition of		
		all known address book entries containing blank		
		d in a human-readable format without modification.		
		prensic tool successfully completes acquisition of all known email addresses associated with address		
		resented in a human-readable format without		
	modification.	resented in a numan readable format without		
	Modification. A IM-12 If a cellular forensic tool successfully completes acquisition of			
		all known graphics associated with address book		
		ted in a human-readable format without modification.		
	A_IM-13 If a cellular fo	prensic tool successfully completes acquisition of		
	the target device then a	all known datebook, calendar, note entries shall be		
	-	adable format without modification.		
		prensic tool successfully completes acquisition of		
	the target device then all maximum length datebook, calendar, note entries			
i	_			
	_	all maximum length datebook, calendar, note entries human readable format without modification.		
Tastar	shall be presented in a			
Tester	_			
Name:	shall be presented in a			
	shall be presented in a rpa Morrisy	human readable format without modification.		
Name: Test Host:	shall be presented in a	human readable format without modification.		
Name: Test Host: Test Date:	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT	human readable format without modification.		
Name: Test Host: Test Date: Device:	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400	human readable format without modification.		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP	human readable format without modification.		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable	human readable format without modification. 2009		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 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	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 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 Maximum Length Regular Length Deleted Entry		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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 Special Character Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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 Dutgoing		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 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		

Test Case CF	-I-IM-06 BitPim 1.0.6-official	
	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 Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009	
	Acquisition started: Mon Jul 13 13:18:05 EDT 2009	
	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result	Actual Result
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result A IM-01 Device connectivity via supported interfaces.	Actual
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result	Actual Result
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book	Actual Result as expected as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-07 Acquisition of address book entries. A IM-08 Acquisition of maximum length address book entries. A IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a	Actual Result as expected as expected as expected as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 ASSERTION & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-07 Acquisition of address book entries. A IM-08 Acquisition of maximum length address book entries. A IM-09 Acquisition of address book entries containing special characters. A IM-10 Acquisition of address book entries containing a blank name entry. A IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 AIM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 AIM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 AIM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries.	Actual Result as expected
Highlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 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 AIM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected

5.2.7 CFT-IM-07 (LG VX5400)

Test Case CFT	T-IM-07 BitPim 1.0.6-official	
Case		device internal memory and review reported call
Summary:	logs.	
Assertions:	3	rensic tool provides support for connectivity of
110001010110.		ne tool shall successfully recognize the target
		oported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
		ne tool shall have the ability to present acquired
	I =	-readable format via either a preview-pane or
	generated report.	readable format via erther a preview pane or
		rensic tool successfully completes acquisition of
		ll call logs (incoming/outgoing) shall be presented
	in a human-readable forma	
	III a Haman readable form	without modification.
Tester	rpa	
Name:	190	
Test Host:	Morrisy	
Test Date:	Mon Jul 13 13:22:38 EDT 2	2000
Device:	LG vx5400	2009
	OS: WIN XP	
Source		
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
	Call Hogs	Missed
		Missed - Deleted
		Incoming
		3
		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	Sacguring Bild Dolescoa
	This resouges	Incoming Audio
		,
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
	I L	-

Test Case CF	r-IM-07 BitPim 1.0.6-official		
	Image - Deleted		
	Video		
	Video - Deleted		
		<u>.</u>	
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Mon Jul 13 13:22:38 EDT 2009		
	Acquisition finished: Mon Jul 13 13:26:11 EDT 2009		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	All Call Logs (incoming, outgoing) were acquired		
Results:			
	Assertion & Expected Result	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 BitPim 1.0.6-offic	ial
Case		device internal memory and review reported text
Summary:	messages.	device internal memory and review reported text
Assertions:	_	rensic tool provides support for connectivity of
715501010115.		he tool shall successfully recognize the target
		apported interfaces (e.g., cable, Bluetooth, IrDA).
		prensic 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
	the target device then a	ll text messages (i.e., SMS, EMS) messages shall be
	presented in a human-rea	dable format without modification.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Jul 13 13:27:45 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
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Audio Outgoing Image
		, , ,
	Stand-alone data file	Outgoing Video
	Stand-alone data files	Audio
		Audio
		Audio - Deleted
	[Image

Test Case CFT	T-IM-08 BitPim 1.0.6-official		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Mon Jul 13 13:27:45 EDT 2009		
	Acquisition finished: Mon Jul 13 13:37:22 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:			
Nesurcs.	Assertion & Expected Result	Actual Result	
	A IM-01 Device connectivity via supported interfaces.	as expected	
	A IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A IM-16 Acquisition of text messages.	as expected	
Analysis:	Expected results achieved		

5.2.9 CFT-IM-09 (LG VX5400)

	FT-IM-09 BitPim 1.0.6-official		
Case		device internal memory and review reported MMS	
Summary:		(i.e., text, audio, graphics, video).	
Assertions:		rensic tool provides support for connectivity of	
		he tool shall successfully recognize the target	
		pported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of	
	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 MMS messages and associated audio shall be	
	presented properly witho		
		rensic tool successfully completes acquisition of	
		ll MMS messages and associated images shall be	
	presented properly witho		
		rensic tool successfully completes acquisition of ll MMS messages and associated video shall be	
	presented properly witho		
	presenced property without	de modification.	
Tester	rpa		
Name:	1		
Test Host:	Morrisy		
Test Date:	Mon Jul 13 13:59:55 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	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		3	
		Incoming Image	
		Incoming Image	
		Incoming Image Incoming Video Outgoing Audio	

A IM-01 Device connectivity via supported interfaces. as expended as a supported reports. A IM-17 Acquisition of audio MMS messages. as expended as expended as a supported reports.	Test Case CFT	-IM-09 BitPim 1.0.6-offici	al	
Stand-alone data files			Outgoing Image	
Audio — Audio — Deleted Image — Image — Deleted Video — Video — Video — Deleted Highlights: Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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 Result — Actual Result A IM-01 Device connectivity via supported interfaces. — as expension			Outgoing Video	
Addio - Deleted Image Image - Deleted Video Video - Deleted Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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 Result A IM-01 Device connectivity via supported interfaces. as expense acquired as expense acquired as expense acquired and acquired are acquired as expense acquired and acquired acquired as expense acquired and acquired acquir		Stand-alone data files		
Image Image Image Deleted Video Video Video Deleted Log Highlights: Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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 Result Actual Result Actual Result A IM-01 Device connectivity via supported interfaces. as expensive A IM-04 Readability and completeness of acquired data via as expensive A IM-17 Acquisition of audio MMS messages. as expensive A IM-17 Acquisition of audio MMS messages. as expensive A IM-17 Acquisition of audio MMS messages. as expensive A IM-17 Acquisition of audio MMS messages. A IM-18 Acquisition Acquisiti			Audio	
Image - Deleted Video Video - Deleted Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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: Atm-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-17 Acquisition of audio MMS messages. as expensions			Audio - Deleted	
Video Video - Deleted			Image	
Log Highlights: Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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 Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-17 Acquisition of audio MMS messages. as expension.			Image - Deleted	
Log Highlights: Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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: A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via as expension as expensio			Video	
Highlights: Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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 Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via as expension as			Video - Deleted	
Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. as experimental as experiments as a supported reports. A_IM-04 Readability and completeness of acquired data via as experimental as experiments. A_IM-17 Acquisition of audio MMS messages. as experimental as experimental as experiments.	Highlights:	Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 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		
A_IM-04 Readability and completeness of acquired data via as expessupported reports. A_IM-17 Acquisition of audio MMS messages. as expess	Results:	Assertion & Expected Res	sult	Actual Result
A_IM-04 Readability and completeness of acquired data via as expessupported reports. A_IM-17 Acquisition of audio MMS messages. as expess		A IM-01 Device connectiv	vity via supported interfaces.	as expected
A_IM-17 Acquisition of audio MMS messages. as expe				as expected
			audio MMS massages	as expected
I I in in to require even of image find messages. I as expe				as expected
A IM-19 Acquisition of video MMS messages. NA				-
Analysis: Expected results achieved	Analysis:	_	<u> </u>	

5.2.10 CFT-IM-10 (LG VX5400)

Test Case CF	T-IM-10 BitPim 1.0.6-official		
Case		e device internal memory and review reported stand-	
Summary:	alone multi-media data	(i.e., audio, graphics, video).	
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).		
		prensic tool successfully completes acquisition of	
		the tool shall have the ability to present acquired	
		n-readable format via either a preview-pane or	
	generated report.		
		prensic tool successfully completes acquisition of	
		all stand-alone audio files shall be playable via	
	_ = -	ication or suggested third-party application without	
	modification.		
		prensic tool successfully completes acquisition of all stand-alone image files shall be viewable via	
		ication or suggested third-party application without	
	modification.	icación di suggested third-party appricación without	
		prensic tool successfully completes acquisition of	
		all stand-alone video files shall be viewable via	
		ication or suggested third-party application without	
	modification.	11 taggette online party apprioaction without	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Jul 13 14:10:57 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	
		Transminer RMC Deleted	
		Incoming EMS - Deleted	
		Outgoing EMS	
	MMS Messages	Outgoing EMS	

Test Case CFT	-IM-10 BitPim 1.0.6-official	L	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 14:10:57 EDT 2009 Acquisition finished: Mon Jul 13 14:12:37 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 acquired - NA		
Results:	Parameter C Burnereted Brown	1.	Actual
	Assertion & Expected Resu	It	Result
	A IM-01 Device connectivi	ty via supported interfaces.	as expected
	l l —	ompleteness of acquired data via	as expected
	supported reports.		
	A IM-20 Acquisition of st		as expected
	A_IM-21 Acquisition of st		as expected
	A IM-22 Acquisition of st	and-alone video files.	NA
Analysis:	Expected results achieved		

5.2.11 CFT-IMO-01 (LG VX5400)

	-IMO-01 (LG VA340	rial	
Case Case CF1	CFT-IMO-01 Acquire mobile 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		
		he tool shall present the acquired data without	
		ed generated report formats.	
		g	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:08:16 EDT	2009	
Device:	LG vx5400	2009	
Source	OS: WIN XP		
Setup:	Interface: cable		
occup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA EDEMENTS	
	Address Book Entries	Marrimum Longth	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	bpecial 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 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	
	Stand-alone data files		
	Scand arone data irles	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 BitPim 1.0.6-official		
Highlights:			
	Acquisition finished: Tue Jul 14 08:23:50 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)

Test Case CFT	-IMO-02 BitPim 1.0.6-off	icial	
Case		ile device internal memory and review reported data	
Summary:	via the preview-pane.		
Assertions:	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 previ	lew-pane view.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:24:10 ED7	r 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	'-IMO-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Tue Jul 14 08:24:10 EDT 2009 Acquisition finished: Tue Jul 14 08:27:37 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)

Test Case CFT-IMO-03 BitPim 1.0.6-official			
Case CFT			
Summary:	CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.		
Assertions:	A IMO-23 If a cellular forensic 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-pane view. 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 report	±	
	consistency of all repor	ted data elements.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:28:16 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	
	PIM Data	rororgin Energy	
	1111 2000	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
	The American Control of the Control	Outgoing - Deleted	
	Text Messages	Transis 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	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
	Oband alama data Cid	Outgoing Video	
	Stand-alone data files	Audio	
		Audio Audio - Deleted	
		Audio - Deleted Image	
		Image - Deleted	
		Video	
		12000	

Test Case CFT	-IMO-03 BitPim 1.0.6-official	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:28:16 EDT 2009 Acquisition finished: Tue Jul 14 08:33:07 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:	Taxantian C Remarked Parell	Actual
	Assertion & Expected 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-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Analysis:	Expected results achieved	·

5.2.14 CFT-IMO-05 (LG VX5400)

Test Case CFT	-IMO-05 BitPim 1.0.6-offic	ial	
Case	CFT-IMO-05 Perform a physical acquisition and review data output for		
Summary:	readability.		
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of		
11556161616.	the target device then the 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		
	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		
	and probene one adda in o	inaman readable format.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:37:42 EDT 2	2009	
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable DATA OBJECTS	DAMA BI BIGENING	
		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 Issue	Special character	
	Call Logs	M1	
		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 - Waread	
		-	
		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		
	Scand arone data files	Audio	
		Audio	
		Audio - Deleted	
		Image	
		Image Image - Deleted Video	

Test Case CFT	CFT-IMO-05 BitPim 1.0.6-official		
	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:37:42 EDT 2009 Acquisition finished: Tue Jul 14 08:44:15 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful		
Results:			
	Assertion & Expected Result	Actual	
	7 770 00 0	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		

5.2.15 CFT-IMO-07 (LG VX5400)

	-IMO-07 BitPim 1.0.6-offic	cial	
Case	CFT-IMO-07 Acquire mobile device internal memory and review generated log		
Summary:	files.		
Assertions:			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:56:55 EDT	2009	
Device:	LG vx5400	2009	
Source	OS: WIN XP		
Setup:	Interface: cable		
Jours.	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	
	DIM Data	Foreign Entry	
	PIM Data	Mandania 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	dauguing him beleecd	
	I I I I I I I I I I I I I I I I I I I	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		•	
	i e		

Test Case CFT	Test Case CFT-IMO-07 BitPim 1.0.6-official		
Highlights:	Acquisition started: Tue Jul 14 08	:56:55 EDT 2009	
	Acquisition finished: Tue Jul 14 08:58:32 EDT 2009		
	Creation of complete and human-readable log files was successful		
Results:			
	Assertion & Expected Result	Actual Result]
	A_IMO-36 Device Log file output.	as expected	
Analysis:	Expected results achieved		

5.2.16 CFT-IMO-08 (LG VX5400)

Test Case CFT-IMO-08 BitPim 1.0.6-official			
Case	CFT-IMO-08 Acquire mobile 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 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 the target device then the tool shall present the acquired data without modification in a preview-pane view. A IMO-37 If the cellular forensic tool supports proper display of forei		
		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.		
Tester	rpa		
Name:	тра		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:58:59 EDT	2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	March and Taxable	
		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	
		Outgoing - Deleted	
	Text Messages	oudgoing Bolood	
		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	
	MMS Message	Outgoing EMS - Deleted	
	MMS Messages	Incoming Audio	
		Incoming Addition	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	

Test Case CFT-IMO-08 BitPim 1.0.6-official				
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
		Video - Deleted		
Log	Created By BitPim Version			
Highlights:	Acquisition started: Tue			
	Acquisition finished: Tue	e Jul 14 09:02:35 EDT 2009		
	Complete representation of	of known data via generated reports		
	Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired but not properly			
	displayed			
		essages were acquired but not proper	ly displayed	
Results:			T	
	Assertion & Expected Result Actual Result		Actual Result	
	A IMO-23 Comparison of 1	known device data elements via	as expected	
	generated reports.			
		known device data elements via	as expected	
	preview-pane.			
		address book entries containing	Not as	
	foreign language charact		expected	
		outgoing text messages containing	Not as	
	foreign language charact	ters.	expected	
Analysis:	Expected results NOT achi	eved		

5.2.17 CFT-IM-01 (LG VX6100)

Test Case CFT	-IM-01 BitPim 1.0.6-offi	cial
Case		e device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	A IM-01 If a cellular f	orensic tool provides support for connectivity of
	the target device then	the tool shall successfully recognize the target
	device via all vendor s	supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 14 13:28:17 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	Totolyn bholy
	IIM Data	Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special Character
	Call Logs	261
		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
	Stand atone data files	Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
	ĺ	

```
Test Case CFT-IM-01 BitPim 1.0.6-official
Highlights:
              Acquisition started: Tue Jul 14 13:28:17 EDT 2009
              Acquisition finished: Tue Jul 14 13:31:13 EDT 2009
              Device Connectivity was not established via supported interface
              Notes:
              13:23:38.108 COM11: Opening port COM11, 115200 baud, timeout 3.000000,
              hardwareflow 0, softwareflow 0
              13:23:38.233 COM11: Open of comm port suceeded
              13:23:38.233 LG-VX6100: Attempting to contact phone
              13:23:38.233 LG-VX6100: Listing subdirs in dir: ''
              13:23:38.250 LG-VX6100: X recurse=0
              13:23:41.265 COM11: Timed out - flushing and trying again
              13:23:44.265 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              13:23:47.280 COM11: Timed out - flushing and trying again
              13:23:50.296 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              read
              13:23:50.342 COM11: Changed port speed to 38400
              13:23:53.858 COM11: Timed out - flushing and trying again
              13:23:56.875 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              13:23:56.921 COM11: Changed port speed to 115200
              13:24:00.437 COM11: Timed out - flushing and trying again
              13:24:03.453 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              read
              13:24:06.467 LG-VX6100: No response to AT+GMM
              13:24:09.483 LG-VX6100: No response to setting QCDMG mode
              13:24:09.530 COM11: Changed port speed to 115200
              13:24:13.046 LG-VX6100: No response to AT+GMM
              13:24:16.062 LG-VX6100: No response to setting QCDMG mode
              13:24:16.125 COM11: Changed port speed to 19200
              13:24:19.640 LG-VX6100: No response to AT+GMM
              13:24:22.640 LG-VX6100: No response to setting QCDMG mode
              13:24:22.703 COM11: Changed port speed to 230400
              13:24:26.217 LG-VX6100: No response to AT+GMM
              13:24:29.233 LG-VX6100: No response to setting QCDMG mode
              13:24:32.250 COM11: Timed out - flushing and trying again
              13:24:35.250 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              read
              13:24:35.312 COM11: Changed port speed to 38400
              13:24:38.828 COM11: Timed out - flushing and trying again
              13:24:41.828 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              13:24:41.890 COM11: Changed port speed to 115200
              13:24:45.405 COM11: Timed out - flushing and trying again
              13:24:48.421 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              read
              13:24:48.421 Failed to read filesystem
              13:24:48.421 LG-VX6100: Listing files in dir: ''
              13:24:51.437 COM11: Timed out - flushing and trying again
              13:24:54.437 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
              read
              13:24:57.453 COM11: Timed out - flushing and trying again
Results:
              Assertion & Expected Result
                                                                       Actual Result
              A IM-01 Device connectivity via supported interfaces.
                                                                      Not as expected
Analysis:
             Expected results NOT achieved
```

5.2.18 CFT-IM-01 (Moto v710)

Test Case CFT	-IM-01 BitPim 1.0.6-offic	cial
Case		e device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth	
Assertions:		
		the tool shall successfully recognize the target
		upported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 15 10:07:28 EDT	2009
Device:	Motorola v710	
Source	OS: WIN XP	
Setup:	Interface: cable	
1	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	rorergii mitery
	I III Data	Maximum Length
		Regular Length
		,
		Deleted Entry Special Character
	C-11 T	Special Character
	Call Logs	M' 1
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	3 3
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
	1	

Test Case CFT	-IM-01 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 15 10:07:28 EDT 2009		
	Acquisition finished: Wed Jul 15 10:08:57 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		

5.2.19 CFT-IM-02 (Moto v710)

Case Summary:		al memory acquisition of a non-supported mobile
7	device.	
Assertions:	A IM-02 If a cellular forensic tool attempts to connect to a non-suppor	
	device then the tool sha	ll have the ability to identify that the device is
	not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 15 10:09:26 EDT	2009
Device:	non supported device	
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	opecial character
	Cair rogs	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Tout Magazga	Outgoing - Deleted
	Text Messages	Transing CMC Pand
		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 Polotod
		Video - Deleted

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 15 10:09:26 EDT 2009		
	Acquisition finished: Wed Jul 15 10:14:13 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:			

5.2.20 CFT-IM-03 (Moto v710)

Gase CFF-TM-03 BitPim 1.0.6-official Case CFF-TM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. Assertions: A IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device wis all vendor supported interfaces (e.g., cable, Blutcooth, ITCR). A TM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that commercivity has been disrupted. Tester Name: TPA Tester Name: TPA Test Name: Wed Jul 15 10:14:32 EPT 2009 Device: Motorcola v710 Source: Motorcola v710 Source: Setup: Med Jul 15 10:14:32 EPT 2009 Device: Motorcola v710 Source: Address Book Entries Maximum Length Regular Length, email, picture Special Character DATA ORDECTS DATA ELEMENTS Address Book Entries Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry FOREIGN Entry FIM Data Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign En		20 OF T-1101-05 (NIOLO VI TO)		
Summary: Assertions: Assertion				
Assertions: A LM-Ol if a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A IM-O3 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted. Tester Name: Test Name: Test Name: Test Name: Test Name: Test Name: Pest Date: Med Jul 15 10:14:32 EDT 2009 Device: Motorcla v710 OS: NIN XF Interface: cable DATA OBJECTS Address Book Entries Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry DIM Data Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry DIM Data Maximum Length Regular Length Peleted Entry DIM Data Missed Missed Missed Missed Incoming Incoming - Deleted Text Messages Missed - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming Maximum Length Maximum Length Regular Length, Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming Tereign SMS - Read Incoming Tereign SMS				
the target device than the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, ITPA). A_IM-03 If a cellular forensic tool encounters disengagement between the device and application than the application shall notify the user that connectivity has been disrupted. Test Host: Morrisy Test Host: Motorola v710 Source Setup: Motorola v710 Source Setup: Motorola v710 Setup: Motorola v710 Source Setup: Motorola v710 Setup: Motorola Legal Length, email, picture Setup: Setup: Motorola Length, Deleted email - deleted picture Deleted Entry Setup: Motorola Entry FIM Data Motorola Entry FIM Data Motorola Entry Secolal Character Call Logs Missed Motorola Poleted Motorola Poleted Outgoing Deleted Text Messages Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Motorola Entry Incoming MSS - Deleted Motorola Entry Motorola Entr	-			
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA, ImPo3 If a cellular foremaic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted. Test Name: Test Norrisy Test Date: Mod Youl 15 10:14:32 EDT 2009 Device: OS: WIN XP Interface: cable DATA OBJECTS DATA ELEMENTS Address Book Entries Maximum Length Regular Length, Deleted email - deleted picture Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length PIM Data Missed Negular Length Regular Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Missed Incoming Incoming - Deleted Incoming Incoming SMS - Deleted Incoming SMS - De	waserflous:			
A IN-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. Test Rost: Morrisy Test Bost: Motorola v710 Source Setup: Motorola v710 Source Setup: DATA CLEMENTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry PIM Data Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Missed Dutgoing Deleted Incoming Text Messages Incoming SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Incoming Image Image - Deleted				
device and application then the application shall notify the user that connectivity has been disrupted. Test Name: Test Host: Morrisy Test Date: Wed Jul 15 10:14:32 EDT 2009 Device: Source OS: WIN XP Interface: cable DATA ELEMENTS Address Book Entries Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data Regular Length Regular Len				
connectivity has been disrupted. Tester Name: rpa Test Host: Morrisy Test Date: Wed Jul 15 10:14:32 EDT 2009 Source OS: WIN XP Setup: Address Book Entries Regular Length, Peleted email - deleted picture Special Character Blank Name Regular Length, Peleted email - deleted picture Deleted Entry Foreign Entry FIM Data Regular Length Regular Length Regular Length Regular Length Foreign Entry FIM Data Maximum Length Regular Length Regular Length Regular Length Regular Length Foreign Entry FIM Data Missed Mis				
Test Name: Test Host: Morrisy Test Date: Wed Jul 15 10:14:32 EDT 2009 Device: Setup: Data Clements Address Book Entries Regular Length, mail, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Regular Length, Deleted email - deleted picture Regular Length				
Mexistrate		l commederately mad been are	orașe e de la constant de la constan	
Test Date	Tester Name:	rpa		
Device: Motorola v710 Source Setup: OS: MIN 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 PIM Data Maximum Length Regular Length Regular Length Poreign Entry Foreign Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Poleted Entry Special Character Call Logs Missed Incoming Deleted Text Messages Incoming SMS - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Unread Incoming EMS - Unread Incoming EMS - Unread Incoming EMS - Unread Incoming EMS - Deleted Untgoing EMS Outgoing EMS Outgoing EMS Outgoing Audio Incoming Image Incoming Image Incoming Image Outgoing Audio Outgoing Madio Outgoing Image Outgoing Video Stand-alone data files Image - Deleted Video	Test Host:			
Source Setup: DATA OBJECTS DATA ELEMENTS	Test Date:		2009	
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 PIM Data Maximum Length Regular Length Regular Length Poeleted Entry Special Character Call Logs Missed Missed - Deleted Incoming - Deleted Uniquing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Unread Incoming EMS - Deleted Outgoing SMS - Unread Incoming EMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Image Incoming Image Incoming Video Outgoing Image Outgoing Image Outgoing Image Outgoing Image Incoming Poeleted Image Image - Deleted Image Image - Deleted Video	Device:	Motorola v710		
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 PIM Data Maximum Length Regular Length Regular Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Missed Missed Missed Missed Missed Missed Dutgoing Dutgoing Dutgoing Outgoing Dutgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Deleted Dutgoing Jange	Source	OS: WIN XP		
Address Book Entries Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry	Setup:	Interface: cable		
Maximum Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry FIM Data Maximum Length Regular Length Deleted Entry Foreign Entry Fim Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming - Deleted Incoming - Deleted Text Messages Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted MMS Messages Incoming Video Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image Image Image Image - Deleted Video		DATA OBJECTS	DATA ELEMENTS	
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 Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Dutgoing SMS - Deleted Incoming SMS - Deleted Outgoing Image Incoming Video Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image Image - Deleted Video		Address Book Entries		
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 Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Text Messages Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Outgoing MS - Deleted MMS Messages Incoming Video Outgoing Image Outgoing Madio Outgoing Video Stand-alone data files Audio - Deleted Image Image Image Deleted Video	I		Maximum Length	
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			Regular Length, email, picture	
Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Missed Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted Image Image - Deleted Video Video Video Video Video			Special Character	
PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Incoming Incoming - Deleted Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio - Deleted Image Image Image Image - Deleted Image Image - Deleted Video			Blank Name	
Foreign Entry PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing - Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Image Incoming Video Outgoing Madio Outgoing Image Outgoing Video Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Video	Ì		Regular Length, Deleted email - deleted picture	
PIM Data Maximum Length Regular Length Deleted Entry Special Character Call Logs Missed Missed Incoming Incoming - Deleted Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video	Ì		Deleted Entry	
Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Nad Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Nad Incoming EMS - Read Incoming EMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Video Stand-alone data files Audio Audio - Deleted Image - Deleted Video			Foreign Entry	
Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Incoming Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Standalone Deleted Outgoing Inage Inage Image Image Image Image Image Image Image Image Deleted		PIM Data		
Deleted Entry Special Character Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing Image Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image			Maximum Length	
Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Outgoing EMS Outgoing Image Incoming Video Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Image - Deleted			Regular Length	
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 Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Madio Outgoing Madio Outgoing Madeo Outgoing Madeo Outgoing Madeo Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Image - Deleted			Deleted Entry	
Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS Outgoing EMS Surpead Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Video			Special Character	
Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image		Call Logs		
Incoming Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Missed	
Incoming - Deleted Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming Foreign EMS - Read Incoming Foreign EMS - Read Outgoing EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Missed - Deleted	
Outgoing Outgoing - Deleted Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Image Incoming Video Outgoing Audio Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Video			Incoming	
Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image Image Image - Deleted Video			Incoming - Deleted	
Text Messages Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted Image - Deleted Video			Outgoing	
Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image - Deleted			Outgoing - Deleted	
Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio - Deleted Image Image - Deleted Image - Deleted Video		Text Messages		
Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read Incoming EMS - Deleted Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Incoming SMS - Read	
Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Imag			Incoming SMS - Unread	
Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Imag			Incoming SMS - Deleted	
Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Audio Outgoing Image Incoming Video Outgoing Image Incoming Video Outgoing Image Industrial Image Incoming Video Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video				
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 Stand-alone data files Audio Audio - Deleted Image Image Image Image - Deleted Video			Outgoing SMS - Deleted	
Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted Video			Incoming 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 Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video				
Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Iwage Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video				
Outgoing EMS Outgoing EMS - Deleted MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Iwage Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Incoming 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			Outgoing EMS	
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			Outgoing EMS - Deleted	
Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video		MMS Messages		
Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Incoming Audio	
Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Incoming Image	
Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video				
Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video			Outgoing Audio	
Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video				
Stand-alone data files Audio Audio - Deleted Image Image - Deleted Video				
Audio Audio - Deleted Image Image - Deleted Video		Stand-alone data files		
Audio - Deleted Image Image - Deleted Video			Audio	
Image Image - Deleted Video				
Image - Deleted Video				
Video				
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Test Case CFT	-IM-03 BitPim 1.0.6-official		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:14:32 EDT 2009 Acquisition finished: Wed Jul 15 10:21:10 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		

5.2.21 CFT-IM-04 (Moto v710)

	r-IM-04 (WOLO V7 10)	
Case Case CF		device internal memory and review reported data
Summary:	via the preview-pane or generated reports for readability.	
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of	
	<u> </u>	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.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Jul 15 10:24:26 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	
		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
		AIGEO - DETECEO

Test Case CFT	-IM-04 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:24:26 EDT 2009 Acquisition finished: Wed Jul 15 10:28:55 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	

5.2.22 CFT-IM-05 (Moto v710)

Test Case CFT	-IM-05 BitPim 1.0.6-offi	cial	
Case	CFT-IM-05 Acquire mobile device internal memory and review reported		
Summary:	subscriber and equipment related information (i.e., MEID, MSISDN).		
Assertions:	_	orensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
		upported interfaces (e.g., cable, Bluetooth, IrDA).	
		orensic tool successfully completes acquisition of the tool shall have the ability to present acquired	
	_	n-readable format via either a preview-pane or	
	generated report.	ii-leadable lolimat via elthel a pleview-pane of	
		orensic tool successfully completes acquisition of	
		subscriber related information shall be presented in	
	a human-readable format	without modification.	
		orensic tool successfully completes acquisition of	
		equipment related information shall be presented in	
	a human-readable format	without modification.	
Tester	rpa		
Name:	тра		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 10:29:16 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	Foreign Energ	
	TIM 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 - 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	
		odegoing image	
	Stand-alone data files	Outgoing Video	

Test Case CFT	-IM-05 BitPim 1.0.6-official	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Wed Jul 15 10:29:16 EDT 2009	
	Acquisition finished: Wed Jul 15 10:34:09 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)	
	Subscriber and Equipment related data (i.e., MSISDN, MEID)	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-05 Acquisition of MSISDN.	as expected
	A IM-06 Acquisition of MEID.	as expected
Analysis:	Expected results achieved	
	1 -	

5.2.23 CFT-IM-06 (Moto v710)

	I-IM-06 BitPim 1.0.6-offic	:lal		
Case		e device internal memory and review reported PIM		
Summary:	related data.			
Assertions:	A IM-01 If a cellular fo	prensic tool provides support for connectivity of		
		the tool shall successfully recognize the target		
		apported 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			
		n-readable format via either a preview-pane or		
	generated report.	prensic tool successfully completes acquisition of		
		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.		
		prensic tool successfully completes acquisition of		
		all known address book entries containing special		
		sented in a human-readable format without		
	modification.			
		prensic tool successfully completes acquisition of		
		all known address book entries containing blank d in a human-readable format without modification.		
		prensic tool successfully completes acquisition of		
		all known email addresses associated with address		
	modification.	book entries shall be presented in a human-readable format without modification.		
	A IM-12 If a cellular forensic tool successfully completes acquisition of			
		all known graphics associated with address book		
		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.		
	A IM-14 If a cellular forensic tool successfully completes acquisition of			
	the target device then all maximum length datebook, calendar, note entries			
		all maximum length datebook, calendar, note entries human readable format without modification.		
Tester	shall be presented in a			
Tester Name:				
	shall be presented in a			
Name:	shall be presented in a	human readable format without modification.		
Name: Test Host:	shall be presented in a rpa Morrisy	human readable format without modification.		
Name: Test Host: Test Date:	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT	human readable format without modification.		
Name: Test Host: Test Date: Device:	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable	human readable format without modification.		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP	human readable format without modification.		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable	human readable format without modification. 2009 DATA ELEMENTS		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	human readable format without modification. 2009 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 Maximum Length Regular Length Deleted Entry		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 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, Special Character Deleted Entry Foreign Entry		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 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 Special Character Blank Name Regular Length Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character		
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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	shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2009 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		

	!-IM-06 BitPim 1.0.6-official	
	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 Deleted	
	Device connectivity was established via supported interface Readability and completeness of acquired data was successfu All address book entries were successfully acquired	
Results:	ALL PIM related data was acquired	
	ALL PIM related data was acquired Assertion & Expected Result	Actual Result
	ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces.	Actual Result as expected
	ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected
	ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected
	ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book	Actual Result as expected
	ASSERTION & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries.	Actual Result as expected as expected as expected as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters.	Actual Result as expected as expected as expected as expected as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries.	Actual Result as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected
	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected

5.2.24 CFT-IM-08 (Moto v710)

	-IM-08 BitPim 1.0.6-offic	
Case		device internal memory and review reported text
Summary:	messages.	
Assertions:	_	rensic tool provides support for connectivity of
		he tool shall successfully recognize the target
		pported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
		he tool shall have the ability to present acquired
		-readable format via either a preview-pane or
	generated report.	rensic tool successfully completes acquisition of
		Ill text messages (i.e., SMS, EMS) messages shall be
		dable format without modification.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Jul 15 12:45:19 EDT	2009
Device:	Motorola v710	
Source	OS: WIN XP	
Setup:	Interface: cable DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DAIA EHERENIS
	Address 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 Beleecu
		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
	1972 17	Outgoing EMS - Deleted
	MMS Messages	Tanada Ada
		Incoming Audio
		Incoming Image
		Incoming Video Outgoing Audio
		Outgoing Audio Outgoing Image
ı		Outgoing image Outgoing Video
	Stand-alone data files	Outgoing video
	Scand arone data files	Audio
		Audio - Deleted
		Image
	1_1	

	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Wed Jul 15 12:45:19 EDT 2009	
	Acquisition finished: Wed Jul 15 12:48:40 EDT 2009	
	I be the consent the consentation and the consent of the consent o	
	Device connectivity was established via supported interface Readability and completeness of acquired data was not succest Partial Text messages were acquired Text messages were encoded and are unreadable with out a 7-b	
Results:	Readability and completeness of acquired data was not succes Partial Text messages were acquired	
Results:	Readability and completeness of acquired data was not succes Partial Text messages were acquired	
Results:	Readability and completeness of acquired data was not success Partial Text messages were acquired Text messages were encoded and are unreadable with out a 7-b	Actual
Results:	Readability and completeness of acquired data was not success Partial Text messages were acquired Text messages were encoded and are unreadable with out a 7-b Assertion & Expected Result	Actual Result

5.2.25 CFT-IM-09 (Moto v710)

Test Case CFT	-IM-09 BitPim 1.0.6-offic	ial	
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	
	the target device then t	the tool shall successfully recognize the target	
	device via all vendor su	apported interfaces (e.g., cable, Bluetooth, IrDA).	
	A_IM-04 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then t	the tool shall have the ability to present acquired	
	data elements in a human	n-readable format via either a preview-pane or	
	generated report.		
		prensic tool successfully completes acquisition of	
		all MMS messages and associated audio shall be	
	presented properly without		
		prensic tool successfully completes acquisition of	
		all MMS messages and associated images shall be	
	presented properly witho		
		prensic tool successfully completes acquisition of all MMS messages and associated video shall be	
	presented properly without		
	presenced property with	nodification.	
Tester	rpa		
Name:	-r		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 12:52:25 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	-	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	J. J	
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Outgoing SMS - Deleted Incoming EMS - Read	
		Incoming EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread	
		Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted	
		Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	
	MMS Mossages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio Incoming Image	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Incoming Audio	

Test Case CF	-IM-09 BitPim 1.0.6-officia	al	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
I		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights: Results:	Device connectivity was e	Jul 15 12:52:25 EDT 2009 Jul 15 12:59:58 EDT 2009 stablished via supported interface ess of acquired data was successful cquired cquired	
Results:	Assertion & Expected Res	ult	Actual Result
	A TM-01 Device connectiv	ity via supported interfaces.	as expected
		completeness of acquired data via	as expected
	supported reports.	compressions of acquired data via	as empereed
	A IM-17 Acquisition of a	udio MMS messages.	as expected
	A IM-18 Acquisition of i		as expected
	A IM-19 Acquisition of v	ideo MMS messages.	NA
Analysis:	Expected results achieved		
AHALYSIS:	I pyherren resurrs acurenen		

5.2.26 CFT-IM-10 (Moto v710)

Test Case CFT	T-IM-10 BitPim 1.0.6-office	ial	
Case		e device internal memory and review reported stand-	
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:		prensic tool provides support for connectivity of	
	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	
Í	generated report.		
		prensic tool successfully completes acquisition of	
		all stand-alone audio files shall be playable via	
		cation or suggested third-party application without	
	modification. A IM-21 If a cellular forensic tool successfully completes acquisition of		
		stensic tool successfully completes acquisition of all stand-alone image files shall be viewable via	
Í		cation or suggested third-party application without	
Í	modification.	cation of suggested third party apprication without	
		prensic tool successfully completes acquisition of	
Í		all stand-alone video files shall be viewable via	
Í		cation or suggested third-party application without	
	modification.	12 125511111 Ourth Parol apprioactor without	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Jul 15 13:07:20 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		
		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 - Unread	
		Incoming EMS - Unread Incoming Foreign EMS - Read	
		Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted	
	MMS Messages	Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	

Test Case CFT	-IM-10 BitPim 1.0.6-offici	al	
		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 finished: Wed	Jul 15 13:07:20 EDT 2009 d Jul 15 13:10:05 EDT 2009 established via supported interface ness of acquired data was successful d	
Results:	video illes were not acqu	III GU IVA	
1.054100.	Assertion & Expected Re	sult	Actual Result
	A IM-01 Device connecti	vity via supported interfaces.	as expected
	A_IM-04 Readability and supported reports.	completeness of acquired data via	as expected
	A IM-20 Acquisition of	stand-alone audio files.	as expected
	A_IM-21 Acquisition of	stand-alone graphic files.	as expected
	A IM-22 Acquisition of	stand-alone video files.	NA
		,	
Analysis:	Expected results achieved		

5.2.27 CFT-IMO-01 (Moto v710)

Test Case CF	T-IMO-01 BitPim 1.0.6-off	icial	
Case	CFT-IMO-01 Acquire mobile 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 tool shall present the acquired data without	
		rted generated report formats.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 13:11:07 ED7	r 2009	
Device:	Motorola v710		
Source	OS: WIN XP		
Setup:	Interface: cable		
ccup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Madress Book Energes	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		
	10110 1100000900	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 file:		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Wed Jul 15 13:11:07 EDT 2009 Acquisition finished: Wed Jul 15 13:25:20 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	

5.2.28 CFT-IMO-02 (Moto v710)

.6-official		
re mobile device internal memory and review reported d	ata	
via the preview-pane.		
A IMO-24 If a cellular forensic tool successfully completes acquisition of		
e then the tool shall present the acquired data withou		
a preview-pane view.	_	
- F F		
:53 EDT 2009		
DATA ELEMENTS		
tries		
Maximum Length		
Regular Length, email, picture		
Special Character		
Blank Name		
Regular Length, Deleted email - deleted pict	ure	
Deleted Entry		
Foreign Entry		
2010192011		
Maximum Length		
Regular Length		
Deleted Entry		
Special Character		
Special character		
Missed		
Missed - Deleted		
Incoming		
Incoming - Deleted		
Outgoing		
Outgoing - Deleted		
Outgoing Defeted		
Incoming SMS - Read		
Incoming SMS - Read Incoming SMS - Unread		
Incoming SMS - Deleted		
Outgoing SMS		
Outgoing SMS - Deleted		
Incoming EMS - Read	-	
3		
Incoming EMS - Unread Incoming Foreign EMS - Read		
Incoming EMS - Deleted		
Outgoing EMS		
Outgoing EMS - Deleted		
Tanamina Budia		
Incoming Audio		
Incoming Image		
Incoming Video		
Outgoing Audio		
Outgoing Image		
Outgoing Video		
a files		
Audio		
Audio - Deleted		
Image		
Image - Deleted		
Video		
Video - Deleted		
BitPi		

Test Case CFT	-IMO-02 BitPim 1.0.6-official	
Highlights:	Acquisition started: Wed Jul 15 13:25:53 EDT 2009 Acquisition finished: Wed Jul 15 13:27:56 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	

5.2.29 CFT-IMO-03 (Moto v710)

Test Case CFT	-IMO-03 BitPim 1.0.6-offic	ial		
Case		e device internal memory and compare reported data		
Summary:	via the preview-pane and supported generated reports.			
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of			
		ne tool shall present the acquired data without		
		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	-pane view.		
	A_IMO-25 If a cellular fo	rensic 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.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed Jul 15 13:28:19 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	opecial character		
	cair nogs	Missed		
		Missed - Deleted		
		Incoming		
		5		
		Incoming - Deleted		
		Outgoing Poloted		
	Marit Managara	Outgoing - Deleted		
	Text Messages	Transing OMC Book		
		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	oacgoing viaco		
	Stand-alone data liles	Audio		
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted Video		

Test Case CFT	-IMO-03 BitPim 1.0.6-official	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:28:19 EDT 2009 Acquisition finished: Wed Jul 15 13:35:34 EDT 2009 Complete representation of known data via generated reports Complete representation of known data via preview-pane was some consistency between generated reports and preview-pane was some consistency between generated reports and preview-pane was some consistency between generated reports.	uccessful
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	

5.2.30 CFT-IMO-05 (Moto v710)

5.2.50 Of 1-100-05 (MOCO V7 10)			
	-IMO-05 BitPim 1.0.6-offic		
Case		sical acquisition and review data output for	
Summary:	readability.		
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition		
		he tool shall present the acquired data without	
	modification via support	ed generated report formats.	
	A IMO-24 If a cellular f	orensic tool successfully completes acquisition of	
	the target device then t	he tool shall present the acquired data without	
	modification in a previe		
		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.		
	and present the data in	a Human readable Tormat.	
m 1 N7			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 13:36:24 EDT	2009	
Device:	Motorola_v710		
Source	OS: WIN XP		
Setup:	Interface: cable		
-	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Tage of Book Bilettes	Maryimum Ionath	
	 	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	DIM Data	roreign miery	
	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	
	-		
	10/0 1/1-1-1	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	
	i I	. = 0.00	

Test Case CFT	-IMO-05 BitPim 1.0.6-official	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:36:24 EDT 2009 Acquisition finished: Wed Jul 15 13:42:19 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	

5.2.31 CFT-IMO-07 (Moto v710)

Test Case CFT	-IMO-07 BitPim 1.0.6-offi	cial	
Case	CFT-IMO-07 Acquire mobile device internal memory and review generated log		
Summary:	files.		
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the		
110001010110.		ent the log files outlining the acquisition process	
	in a human-readable for		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 13:51:31 EDT	2009	
Device:	Motorola v710	2009	
Source	OS: WIN XP		
Setup:	Interface: cable		
secup.	DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Address Book Entries	Maniana Tanakh	
		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 Defeted	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Wead	
		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 alone data illes	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	•		

Test Case CFT	-IMO-07 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 15 13	:51:31 EDT 2009	
	Acquisition finished: Wed Jul 15 13:55:36 EDT 2009		
	Creation of complete and human-readable log files was successful		
Results:			
	Assertion & Expected Result	Actual Result	7
	A_IMO-36 Device Log file output.	as expected	
Analysis:	Expected results achieved		

5.2.32 CFT-IMO-08 (Moto v710)

Test Case CFT	-IMO-08 BitPim 1.0.6-off:	icial	
Case		le device internal memory and review data containing	
Summary:	foreign language characters.		
Assertions:		forensic tool successfully completes acquisition of	
		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 previ-		
		r 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 cellula	r forensic tool supports proper display of foreign	
	language character sets	then the application should present text messages	
		uage characters in their native format without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Jul 15 13:56:02 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		
		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 - Unread Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	1000	Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
	1.1	Incoming Image	
		Incoming Video	
		Incoming Video Outgoing Audio	
		3	

Test Case CF	-IMO-08 BitPim 1.0.6-offic	ial	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Created By BitPim Version Acquisition started: Wed		
inignizignes.		d Jul 15 14:05:26 EDT 2009	
		of known data via generated reports	
	Complete representation of known data via preview-pane was successful		
	Foreign character Address book entries were acquired but not properly		
	displayed		
	Foreign character text me	essages were not acquired	
Results:			
	Assertion & Expected Res	sult	Actual Result
	A IMO-23 Comparison of	known device data elements via	as expected
	generated reports.		
		known device data elements via	as expected
	preview-pane.		
	A_IMO-37 Acquisition of foreign language character	address book entries containing	partial
		outgoing text messages containing	NOT as
	foreign language charact		expected
			-
Analysis:	Expected results NOT achi	Leved	

5.2.33 CFT-IM-01 (SCH-u740)

Case Summary: Assertions: Tester Name: Test Host:	(e.g., cable, Bluetooth, A_IM-01 If a cellular for the target device then to	e device internal memory over supported interfaces
Summary: Assertions: Tester Name: Test Host:	(e.g., cable, Bluetooth, A_IM-01 If a cellular for the target device then to	IrDA).
Assertions: Tester Name: Test Host:	A_IM-01 If a cellular for the target device then t	
Tester Name: Test Host:	the target device then t	ATCHDIC COUL DIOVIGED DUDDOLL IOI COHHECLIVILA OL
Test Host:		the tool shall successfully recognize the target
Test Host:	device via all vendor su	apported interfaces (e.g., cable, Bluetooth, IrDA).
Test Host:		
	rpa	
most Data:	Morrisy	
Test Date:	Thu Jul 16 12:36:43 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	
		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
	Created By BitPim Versic	

Test Case CFT	-IM-01 BitPim 1.0.6-official		
Highlights:	Acquisition started: Thu Jul 16 12:36:43 EDT 2009		
	Acquisition finished: Thu Jul 16 12:38:26 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		

5.2.34 CFT-IM-02 (SCH-u740)

Test Case CF	-IM-02 BitPim 1.0.6-offic	cial
Case Summary:	CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.	
Assertions:	A IM-02 If a cellular forensic tool attempts to connect to a non-supported	
ASSELCIONS.		all have the ability to identify that the device is
	not supported.	all have the ability to identify that the device is
	not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 12:41:14 EDT	2009
Device:	Samsung SCHu740	2009
Source	OS: WIN XP	
Setup:	Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA ELEMENTS
	Address 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	
		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
		3 3
	MMS Messages	Outgoing EMS - Deleted
	MMS Messages	Turanina Dudia
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Thu Jul 16 12:41:14 EDT 2009		
	Acquisition finished: Thu Jul 16 12:44:00 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	
		<u> </u>	
Analysis:	Expected results achieved		

5.2.35 CFT-IM-03 (SCH-u740)

Case Summary: Assertions: Asse	connectivity by interface A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been discovered for the device and application the connectivity has been discovered for the device and application the connectivity has been discovered for the device and application the connectivity has been discovered for the device and application of the device via all vendors and application of the device	evice internal memory acquisition and interrupt edisengagement. Tensic tool provides support for connectivity of the tool shall successfully recognize the target apported interfaces (e.g., cable, Bluetooth, IrDA). Tensic tool encounters disengagement between the the application shall notify the user that suppted.
Summary: Control of the state o	connectivity by interface A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been discovered for the device and application the connectivity has been discovered for the device and application the connectivity has been discovered for the device and application the connectivity has been discovered for the device and application of the device via all vendors and application of the device	e disengagement. Tensic tool provides support for connectivity of the tool shall successfully recognize the target supported interfaces (e.g., cable, Bluetooth, IrDA). Tensic tool encounters disengagement between the the application shall notify the user that supported.
Assertions: A t t c c c c c c c c c c c c c c c c c	A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been dis typa Morrisy Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	rensic tool provides support for connectivity of the tool shall successfully recognize the target opported interfaces (e.g., cable, Bluetooth, IrDA). The rensic tool encounters disengagement between the then the application shall notify the user that srupted.
Tester Name: r Test Host: M Test Date: T Device: S Source C	The target device then the device via all vendor sup a IM-03 If a cellular for device and application the connectivity has been discoped Morrisy Thu Jul 16 12:44:27 EDT 28 Eamsung SCHu740	ne tool shall successfully recognize the target operted interfaces (e.g., cable, Bluetooth, IrDA). The rensic tool encounters disengagement between the men the application shall notify the user that srupted.
Tester Name: r Test Host: M Test Date: T Device: S Source C	device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been dis- rpa Morrisy Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	eported interfaces (e.g., cable, Bluetooth, IrDA). The sensic tool encounters disengagement between the men the application shall notify the user that srupted.
Tester Name: r Test Host: M Test Date: T Device: S Source C	A_IM-03 If a cellular for device and application the connectivity has been dis rpa Morrisy Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	Tensic tool encounters disengagement between the nen the application shall notify the user that srupted.
Tester Name: rr Test Host: M Test Date: T Device: S Source C	Newice and application the connectivity has been discrepa Morrisy Thu Jul 16 12:44:27 EDT 25 Samsung SCHu740	nen the application shall notify the user that srupted.
Tester Name: r Test Host: M Test Date: T Device: S Source C	connectivity has been dis rpa Morrisy Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	srupted.
Tester Name: r Test Host: M Test Date: T Device: S Source C	rpa Morrisy Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	
Test Host: M Test Date: T Device: S Source C	Morrisy Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	
Test Date: To Device: Source Co	Thu Jul 16 12:44:27 EDT 2 Samsung SCHu740	
Device: Source C	Samsung SCHu740	2000
Source C		2009
Setup. T	DS: WIN XP	
~~~~~   ±	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
,	Address Book Entries	
ı   <u> </u>		Maximum Length
, <u>  [</u>		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
1  -		Incoming SMS - Unread
		Incoming SMS - Deleted
, I <u> </u>		Outgoing SMS
,		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
	MMC Monagers	Outgoing EMS - Deleted
	MMS Messages	Incoming Audio
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
-	Chand along data file	Outgoing Video
	Stand-alone data files	71.
		Audio
		Audio - Deleted
		Image
		Image - Deleted
,		Video
,   L		Video - Deleted

Test Case CFT	-IM-03 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:44:27 EDT 2009 Acquisition finished: Thu Jul 16 12:46:49 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	

#### 5.2.36 CFT-IM-04 (SCH-u740)

	ase CFT-IM-04 BitPim 1.0.6-official	
Case		device internal memory and review reported data
Summary:		generated reports for readability.
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivi the target device then the tool shall successfully recognize the ta	
	_	1 2
	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.	
Tester	rpa	
Name:		
Test Host:	Morrisy	2000
Test Date: Device:	Thu Jul 16 12:47:36 EDT 2	2009
	Samsung_SCHu740	
Source	OS: WIN XP	
Setup:	Interface: cable  DATA OBJECTS	DAMA ETEMENMO
		DATA ELEMENTS
	Address Book Entries	Marriana Tanah
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	7 - 1
		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
	î î	Video - Deleted

Test Case CFT	-IM-04 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:47:36 EDT 2009 Acquisition finished: Thu Jul 16 12:55:39 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	

# 5.2.37 CFT-IM-05 (SCH-u740)

Test Case CFT	-IM-05 BitPim 1.0.6-offi	cial	
Case	CFT-IM-05 Acquire mobile device internal memory and review reported		
Summary:	subscriber and equipment related information (i.e., MEID, MSISDN).		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then	the tool shall successfully recognize the target	
	device via all vendor supported interfaces (e.g., cable, Bluetooth,		
	A IM-04 If a cellular f	orensic tool successfully completes acquisition of	
	the target device then	the tool shall have the ability to present acquired	
	data elements in a huma	n-readable format via either a preview-pane or	
	generated report.		
	A IM-05 If a cellular f	orensic tool successfully completes acquisition of	
	the target device then	subscriber related information shall be presented in	
	a human-readable format	without modification.	
		orensic 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:	Thu Jul 16 12:56:10 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		
	Oull logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing Outgoing - Deleted	
	Movet Mossesses	Outgoing - Deleted	
	Text Messages	Transing CMC Deed	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		1 0 1 ' 010 D - 1 - 1 - 1	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread	
		Incoming EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread	
		Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image Incoming Video	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted  Incoming Audio Incoming Image Incoming Video Outgoing Audio	
	MMS Messages	Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Audio Incoming Image Incoming Video	

Test Case CFT	-IM-05 BitPim 1.0.6-official		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:			
	Acquisition finished: Thu Jul 16 12:58:53 EDT 2009		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	MSISDN was not acquired - NA		
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		

### 5.2.38 CFT-IM-06 (SCH-u740)

Test Case Cr	Test Case CFT-IM-06 BitPim 1.0.6-official		
Case		e device internal memory and review reported PIM	
Summary:	related data.	e device internal memory and review reported PIM	
Assertions:		orensic tool provides support for connectivity of	
ASSELLIONS:		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-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		
	be presented in a human-readable format without modification.		
	A_IM-09 If a cellular forensic tool successfully completes acquisition of		
		all known address book entries containing special	
		sented in a human-readable format without	
	modification.		
		prensic tool successfully completes acquisition of	
		all known address book entries containing blank	
		d in a human-readable format without modification.	
		prensic tool successfully completes acquisition of all known email addresses associated with address	
		resented in a human-readable format without	
	modification.	resented in a numan-readable format without	
		orensic tool successfully completes acquisition of	
		all known graphics associated with address book	
		ted in a human-readable format without modification.	
		prensic tool successfully completes acquisition of	
		all known datebook, calendar, note entries shall be	
	_	adable format without modification.	
	-	orensic tool successfully completes acquisition of	
i	the target device then all maximum length datebook, calendar, note entries		
l	the target device then a		
	_		
	_	all maximum length datebook, calendar, note entries	
Tester	_	all maximum length datebook, calendar, note entries	
Tester Name:	shall be presented in a	all maximum length datebook, calendar, note entries	
	shall be presented in a rpa  Morrisy	all maximum length datebook, calendar, note entries human readable format without modification.	
Name:	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 EDT	all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host:	shall be presented in a rpa  Morrisy	all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date:	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 EDT	all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device:	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740	all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP	all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable	all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 EDT  Samsung SCHu740 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	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 EDT  Samsung SCHu740 OS: WIN XP Interface: cable  DATA OBJECTS	all maximum length datebook, calendar, note entries human readable format without modification.  2009  DATA ELEMENTS	
Name: Test Host: Test Date: Device: Source	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 EDT  Samsung SCHu740 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	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 EDT  Samsung SCHu740 OS: WIN XP Interface: cable  DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, email, picture	
Name: Test Host: Test Date: Device: Source	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 EDT  Samsung SCHu740 OS: WIN XP Interface: cable  DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character	
Name: Test Host: Test Date: Device: Source	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable  DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name	
Name: Test Host: Test Date: Device: Source	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 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	
Name: Test Host: Test Date: Device: Source	shall be presented in a  rpa  Morrisy Thu Jul 16 13:03:08 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	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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  Maximum Length	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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  Maximum Length Regular Length	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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  Maximum Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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  Maximum Length Regular Length Special Character Blank Name Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Special Character	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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 Special Character Blank Name Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Special Character	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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 Special Character Blank Name Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Deleted Entry  Maximum Length Regular Length Deleted Entry Special Character  Missed Missed - Deleted	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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 Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Deleted Entry Special Character  Missed Missed - Deleted Incoming	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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 Foreign Entry  Missed Missed Missed - Deleted Incoming Incoming - Deleted	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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 Foreign Entry  Missed Missed Missed - Deleted Outgoing  Data ELEMENTS  Maximum length Regular Length Deleted Entry Special Character	
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa  Morrisy Thu Jul 16 13:03:08 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 Foreign Entry  Missed Missed Missed - Deleted Incoming Incoming - Deleted	

Test Case CF	T-IM-06 BitPim 1.0.6-official	
	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	
	Stand-alone data files	
	Audio Polotod	
	Audio - Deleted	
	Image Peleted	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009	
	Acquisition started: Thu Jul 16 13:03:08 EDT 2009	
	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result	
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.	Actual
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via	Actual Result
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book	Actual Result as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book entries.	Actual Result as expected as expected as expected as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successfull address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries.  A_IM-09 Acquisition of address book entries containing special characters.	Actual Result as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book entries.  A_IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries.  A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  AIM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book entries.  A_IM-09 Acquisition of address book entries containing special characters.  A_IM-10 Acquisition of address book entries containing a blank name entry.  A_IM-11 Acquisition of embedded email addresses within address book entries.  A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries.	Actual Result as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful address book entries were successfully acquired ALL PIM related data was acquired  AIM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book entries.  A_IM-09 Acquisition of address book entries containing special characters.  A_IM-10 Acquisition of address book entries containing a blank name entry.  A_IM-11 Acquisition of embedded email addresses within address book entries.  A_IM-12 Acquisition of embedded graphics within address book entries.  A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected
Highlights:	Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected

### 5.2.39 CFT-IM-07 (SCH-u740)

Test Case CFT-IM-07 BitPim 1.0.6-official			
Case Case CFT		device internal memory and review reported call	
Summary:	logs.		
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).  A IM-04 If a cellular 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.		
		rensic tool successfully completes acquisition of	
	the target device then all call logs (incoming/outgoing) shall be presente		
	in a human-readable form	at without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 14:08:22 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable	DAMA DI DIMININA	
	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	
		3 3	
		Outgoing Image	
		3 3	
	Stand-alone data files	Outgoing Image	
	Stand-alone data files	Outgoing Image	
	Stand-alone data files	Outgoing Image Outgoing Video	

Test Case CFT	-IM-07 BitPim 1.0.6-official		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Thu Jul 16 14:08:22 EDT 2009		
	Acquisition finished: Thu Jul 16 14:10:40 EDT 2009		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	All Call Logs (incoming, outgoing) were acquired		
Results:		1	
	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		

### 5.2.40 CFT-IM-08 (SCH-u740)

Test Case CFT-IM-08 BitPim 1.0.6-official		
Case		e device internal memory and review reported text
Summary:	messages.	
Assertions:	A_IM-01 If a cellular for the target device then t device via all vendor su	rensic tool provides support for connectivity of the tool shall successfully recognize the target apported interfaces (e.g., cable, Bluetooth, IrDA).
	the target device then the tool shall have the ability to present acquire data elements in a human-readable format via either a preview-pane or	
	the target device then a	prensic tool successfully completes acquisition of all text messages (i.e., SMS, EMS) messages shall be adable format without modification.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 13:24:40 EDT	2009
Device:	Samsung SCHu740	
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
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image

Test Case CF	I-IM-08 BitPim 1.0.6-official		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Thu Jul 16 13:24:40 EDT 2009		
	Acquisition finished: Thu Jul 16 13:26:43 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.	as expected	
	A IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.	_	
	A IM-16 Acquisition of text messages.	as expected	
		•	
Analysis:	Expected results achieved		

## 5.2.41 CFT-IM-09 (SCH-u740)

Test Case CFT	-IM-09 BitPim 1.0.6-offic	ial	
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	the tool shall successfully recognize the target	
	device via all vendor su	apported interfaces (e.g., cable, Bluetooth, IrDA).	
	A IM-04 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then t	the tool shall have the ability to present acquired	
	data elements in a human	n-readable format via either a preview-pane or	
	generated report.		
	A IM-17 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then a	all MMS messages and associated audio shall be	
	presented properly witho	out modification.	
	A_IM-18 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then a	all MMS messages and associated images shall be	
	presented properly withou	out modification.	
	A_IM-19 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then a	all MMS messages and associated video shall be	
	presented properly without	out modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 13:27:17 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	
		Outgoing - Deleted	
	Text Messages	Outgoing - Defered	
	TEAL MESSAGES	Incoming CMC Dood	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
	1 1		
		Outgoing Audio	

Test Case CF	T-IM-09 BitPim 1.0.6-offici	ial	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:27:17 EDT 2009 Acquisition finished: Thu Jul 16 13:29:33 EDT 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 Re	sult	Actual Result
		vity via supported interfaces.	as expected
	A_IM-04 Readability and supported reports.	completeness of acquired data via	as expected
	A IM-17 Acquisition of	audio MMS messages.	as expected
	A IM-18 Acquisition of		as expected
	A IM-19 Acquisition of	video MMS messages.	as expected
Analysis:	Expected results achieved	d	

### 5.2.42 CFT-IM-10 (SCH-u740)

Test Case CFT	-IM-10 BitPim 1.0.6-offic	ial	
Case	CFT-IM-10 Acquire mobile device internal memory and review reported stand-		
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:		rensic tool provides support for connectivity of	
	the target device then the tool shall successfully recognize the target		
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
Í		rensic tool successfully completes acquisition of	
		he tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
Í	generated report.		
		rensic 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	
Í		cation or suggested third-party application without	
Í	modification.	cation of suggested third party apprication without	
		rensic tool successfully completes acquisition of	
Í		ill stand-alone video files shall be viewable via	
Í		cation or suggested third-party application without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 13:38:19 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 Foreign EMS - Read	
		Incoming Foreign EMS - Read Incoming EMS - Deleted	
	MMS Messages	Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS	

Test Case CFT	-IM-10 BitPim 1.0.6-official		
	Incoming Image		
	Incoming Video		
	Outgoing Audio		
	Outgoing Image		
	Outgoing Video		
	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:38:19 EDT 2009 Acquisition finished: Thu Jul 16 13:40:46 EDT 2009  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		
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.	1	
	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		

## 5.2.43 CFT-IMO-01 (SCH-u740)

Test Case CFT-IMO-01 BitPim 1.0.6-official		
Case		Le device internal memory and review reported data
Summary:	via supported generated report formats.	
Assertions:		
	modification via support	ted generated report formats.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 13:41:11 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
	DIM Data	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	odogoing Polocod
		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 BitPim 1.0.6-official	
Highlights:	Acquisition started: Thu Jul 16 13:41:11 EDT 2009 Acquisition finished: Thu Jul 16 13:52:03 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	

## 5.2.44 CFT-IMO-02 (SCH-u740)

	-IMO-02 BitPim 1.0.6-offic	cial
Case	CFT-IMO-02 Acquire mobile device internal memory and review reported data	
Summary:	via the preview-pane.	
Assertions:	A IMO-24 If a cellular f	orensic tool successfully completes acquisition of
		he tool shall present the acquired data without
	modification in a previe	w-pane view.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 13:52:27 EDT	2009
Device:	Samsung SCHu740	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	Hadress Book Energes	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 Defeted
	Text Hebbageb	Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
	10 110 110 110 110 110 110 110 110 110	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 - Defeted
		video - beleted

Test Case CFT	-IMO-02 BitPim 1.0.6-official	
Highlights:	Acquisition started: Thu Jul 16 13:52:27 EDT 2009	
	Acquisition finished: Thu Jul 16 13:57:47 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	

## 5.2.45 CFT-IMO-03 (SCH-u740)

Test Case CFT	-IMO-03 BitPim 1.0.6-offic	ial	
Case	CFT-IMO-03 Acquire mobile device internal memory and compare reported data		
Summary:	via the preview-pane and supported generated reports.		
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of		
		ne tool shall present the acquired data without	
		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-25 If a cellular fo	prensic 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:	Thu Jul 16 13:58:11 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 Dalla	roreign 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	
		3	
		Image - Deleted	
		Video	

Test Case CFT-IMO-03 BitPim 1.0.6-official		
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:58:11 EDT 2009 Acquisition finished: Thu Jul 16 14:01:25 EDT 2009  Complete representation of known data via generated reports Complete representation of known data via preview-pane was some consistency between generated reports and preview-pane was some consistency between generated reports and preview-pane was some consistency between generated reports.	uccessful
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	

## 5.2.46 CFT-IMO-05 (SCH-u740)

3.2.40 OI I-IMO-03 (OOII-0140)			
-	-IMO-05 BitPim 1.0.6-offic		
Case	CFT-IMO-05 Perform a physical acquisition and review data output for		
Summary:	readability.		
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition		
	the target device then t	he tool shall present the acquired data without	
	modification via support	ed generated report formats.	
	A IMO-24 If a cellular f	orensic tool successfully completes acquisition of	
	the target device then t	he tool shall present the acquired data without	
	modification in a previe	w-pane view.	
	A IMO-27 If the cellular	forensic tool supports a physical acquisition of	
	the target device then t	he tool shall successfully complete the acquisition	
	and present the data in	a human-readable format.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 16 14:01:54 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
secup.	DATA OBJECTS	DAMA ELEMENMO	
		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		
	TIII Baca	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
	Tene nessages	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		
	1100000900	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
Ī		A T (760)	

Test Case CFT	-IMO-05 BitPim 1.0.6-official	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 14:01:54 EDT 2009 Acquisition finished: Thu Jul 16 14:04:01 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	

## 5.2.47 CFT-IMO-07 (SCH-u740)

	-IMO-07 BitPim 1.0.6-offi	-
Case		le device internal memory and review generated log
Summary:	files.	and tovion gonorated tog
Assertions:		r forensic tool supports log creation then the
	application should prese	ent the log files outlining the acquisition process
	in a human-readable form	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 16 14:10:31 EDT	2009
Device:	Samsung_SCHu740	
Source	OS: WIN XP	
Setup:	<pre>Interface: cable</pre>	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IMO-07 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 16 14	:10:31 EDT 2009	
	Acquisition finished: Wed Jul 16 1	4:15:36 EDT 2009	
	Creation of complete and human-rea	dable log files	was successful
Results:			
	Assertion & Expected Result	Actual Result	7
	A_IMO-36 Device Log file output.	as expected	
Analysis:	Expected results achieved		

## 5.2.48 CFT-IMO-08 (SCH-u740)

Test Case CFT	-IMO-08 BitPim 1.0.6-offi	cial
Case	CFT-IMO-08 Acquire mobil	e device internal memory and review data containing
Summary:	foreign language charact	ers.
Assertions:	the target device then to modification via support A_IMO-24 If a cellular for the target device then to modification in a previet A_IMO-37 If the cellular language character sets entries containing forein without modification.  A_IMO-38 If the cellular language character sets	orensic tool successfully completes acquisition of the tool shall present the acquired data without ed generated report formats. Torensic tool successfully completes acquisition of the tool shall present the acquired data without expane view. Torensic tool supports proper display of foreign then the application should present address book gn language characters in their native format  Torensic tool supports proper display of foreign then the application should present text messages the the the application should present text messages age characters in their native format without
Tester	rpa	
Name:	150	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 14:12:16 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

Test Case CF	F-IMO-08 BitPim 1.0.6-official	
	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	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Highlights:	Acquisition started: Thu Jul 16 14:12:16 EDT 2009 Acquisition finished: Thu Jul 16 15:09:48 EDT 2009  Complete representation of known data via generated reports	was successful
	Complete representation of known data via preview-pane was s Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper	properly
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.	NOT as expected
	A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected
71	Turnshad manulta NOT aski anad	
Analysis:	Expected results NOT achieved	

### 5.2.49 CFT-IM-01 (SPH-a660)

rest case cri	-IM-01 BitPim 1.0.6-offici	.al
Case		device internal memory over supported interfaces
Summary:	(e.g., cable, Bluetooth,	
Assertions:	A IM-01 If a cellular for	rensic tool provides support for connectivity of
		he tool shall successfully recognize the target
		oported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jul 17 08:59:44 EDT 2009	
Device:	Samsung SPHa660	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	·
	Haarese zeen zherree	Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	<del>                                     </del>
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	Outgoing Defeted
	Text messages	Incoming CMC Dood
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Image Outgoing Video
	Chand alone data fills	Outgoing video
	Stand-alone data files	744.
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT	-IM-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Fri Jul 17 08:59:44 EDT 2009	
	Acquisition finished: Fri Jul 17 09:02:28 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	

### 5.2.50 CFT-IM-02 (SPH-a660)

Case Summary:  Assertions:  A_de no  Tester Name: rg Test Host: Mo Test Date: Fr Device: nc Source Setup:  If	evice. _IM-02	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Summary: de Assertions: A_ de no Tester Name: rr Test Host: Mo Test Date: Fr Device: nc Source Sctup: Ir	eviceIM-02 If a cellular for evice then the tool shall be supported.  pa pa pa prisy ri Jul 17 09:02:52 EDT 2 pn supported device S: WIN XP mterface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Assertions: Added not	IM-02 If a cellular for evice then the tool shall be supported.  pa  pa  prrisy  ri Jul 17 09:02:52 EDT 20  on supported device S: WIN XP  nterface: cable  DATA OBJECTS  Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Tester Name: rp Test Host: Mc Test Date: Fr Device: nc Source Os Setup: Ir	evice then the tool shalest supported.  pa  pa  prrisy  ri Jul 17 09:02:52 EDT 2  on supported device  S: WIN XP  nterface: cable  DATA OBJECTS  Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Tester Name: rr Test Host: Mc Test Date: Fr Device: nc Source Setup: Ir	ot supported.  pa orrisy ri Jul 17 09:02:52 EDT 2 on supported device S: WIN XP nterface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Tester Name: rr Test Host: Mc Test Date: Fr Device: nc Source Setup: Ir	pa parrisy ri Jul 17 09:02:52 EDT 2 pn supported device S: WIN XP mterface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Test Host: Mc Test Date: Fr Device: nc Source OS Setup: Ir	orrisy ri Jul 17 09:02:52 EDT 2 on_supported_device S: WIN XP nterface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Test Host: Mc Test Date: Fr Device: nc Source OS Setup: Ir	orrisy ri Jul 17 09:02:52 EDT 2 on_supported_device S: WIN XP nterface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Test Date: Fr Device: nc Source OS Setup: Ir I	ri Jul 17 09:02:52 EDT 2  on supported device  S: WIN XP  nterface: cable  DATA OBJECTS  Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Device: no Source OS Setup: Ir	on_supported_device S: WIN XP nterface: cable  DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Device: no Source OS Setup: Ir I	on_supported_device S: WIN XP nterface: cable  DATA OBJECTS Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Source Setup:  Ir I I	S: WIN XP nterface: cable DATA OBJECTS Address Book Entries	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
Setup: Ir I	nterface: cable  DATA OBJECTS  Address Book Entries	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
	DATA OBJECTS Address Book Entries	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
	Address Book Entries	Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
		Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
	PIM Data	Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture
	PIM Data	Special Character Blank Name Regular Length, Deleted email - deleted picture
	PIM Data	Blank Name Regular Length, Deleted email - deleted picture
	PIM Data	Regular Length, Deleted email - deleted picture
	PIM Data	
	PIM Data	
	PIM Data	Deleted Entry
	PIM Data	Foreign Entry
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special Character
	Call LOGS	Mark and the 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
		3
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
1	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
-		Outgoing Image Outgoing Video
I <del> -</del>	Stand-alone data files	outgoing viuco
	ocand-alone data liles	Tudio
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
Log Cr		n 1.0.6 - official

Test Case CFT	-IM-02 BitPim 1.0.6-official	
Highlights:	Acquisition started: Fri Jul 17 09:02:52 EDT 2009	
	Acquisition finished: Fri Jul 17 09:04:30 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

### 5.2.51 CFT-IM-03 (SPH-a660)

Summary: Assertions:  Tester Name: Test Host: Test Date: Device: Source	connectivity by interface A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been dis  rpa Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	rensic tool provides support for connectivity of the tool shall successfully recognize the target opported interfaces (e.g., cable, Bluetooth, IrDA). The rensic tool encounters disengagement between the then the application shall notify the user that srupted.
Tester Name: Test Host: Test Date: Device: Source	A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been discreased by the first support of the connectivity for the connectivity for the connectivity has been discreased by the connectivity for the connectivity has been discreased by the connectivity for the connectivity has been discreased by the connectiv	rensic tool provides support for connectivity of the tool shall successfully recognize the target opported interfaces (e.g., cable, Bluetooth, IrDA). The rensic tool encounters disengagement between the then the application shall notify the user that srupted.
Tester Name: Test Host: I Test Date: Device: Source	the target device then the device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been discreased by the connectivity for the connectivi	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 srupted.
Tester Name: Test Host: Test Date: Device: Source	device via all vendor sup A_IM-03 If a cellular for device and application the connectivity has been dis- rpa Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	opported interfaces (e.g., cable, Bluetooth, IrDA). rensic tool encounters disengagement between the nen the application shall notify the user that srupted.
Tester Name: Test Host: I Test Date: Device: Source (	A_IM-03 If a cellular for device and application the connectivity has been discrete for the connection of the c	rensic tool encounters disengagement between the nen the application shall notify the user that srupted.
Tester Name: Test Host: If Test Date: Device: Source (	device and application the connectivity has been discrete from the connectivity has been discrete from the connectivity has been discrete from the connection from the	nen the application shall notify the user that srupted.
Tester Name: Test Host: If Test Date: Test D	connectivity has been dis rpa Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	srupted.
Tester Name: Test Host: If Test Date: Test D	connectivity has been dis rpa Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	srupted.
Tester Name: Test Host: Test Date: Device: Source	rpa Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	
Test Host: I Test Date: : Device: : Source (	Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	2009
Test Host: I Test Date: : Device: : Source (	Morrisy Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	2009
Test Date: Device: Source (	Fri Jul 17 09:04:53 EDT 2 Samsung SPHa660 OS: WIN XP Interface: cable	2009
Device:	Samsung SPHa660 OS: WIN XP Interface: cable	2009
Source	OS: WIN XP Interface: cable	
	Interface: cable	
Setup:		
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
1 1		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 Loga	Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
	Text Hessages	Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
[ ]		Outgoing EMS
[ ]		Outgoing EMS - Deleted
[ ]	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
[ ]		Outgoing Video
[ ]	Stand-alone data files	
[ ]		Audio
		Audio - Deleted
		Image
		Image - Deleted
		3
[ ]		Video
		Video - Deleted

Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Fri Jul 17 09:04:53 EDT 2009	
	Acquisition finished: Fri Jul 17 09:09:24 EDT 2009	
	Device connectivity was established via supported interf	
	Device acquisition disruption notification was successfu	.1
Results:	Device acquisition disruption notification was successfu	
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

# 5.2.52 CFT-IM-04 (SPH-a660)

Г	-TM-04 Pi+Dim 1 0 6-office	ial
Case CFT	-IM-04 BitPim 1.0.6-offic	device internal memory and review reported data
Summary:		generated reports for readability.
Assertions:	1 1	rensic tool provides support for connectivity of
1700CT CTOHO.		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.	<u> </u>
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Fri Jul 17 09:11:12 EDT 2009	
Device:	Samsung_SPHa660	
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 - 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
	10/0 1/	Outgoing EMS - Deleted
	MMS Messages	
	MMS Messages	Incoming Audio
	MMS Messages	Incoming Audio Incoming Image
	MMS Messages	Incoming Audio Incoming Image Incoming Video
	MMS Messages	Incoming Audio Incoming Image Incoming Video Outgoing Audio
	MMS Messages	Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image
		Incoming Audio Incoming Image Incoming Video Outgoing Audio
	MMS Messages  Stand-alone data files	Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video
		Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Audio
		Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video
		Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video  Audio Audio - Deleted Image
		Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video  Audio Audio - Deleted Image Image - Deleted
		Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video  Audio Audio - Deleted Image

Test Case CFT	-IM-04 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:11:12 EDT 2009 Acquisition finished: Fri Jul 17 09:19:36 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	

## 5.2.53 CFT-IM-05 (SPH-a660)

	!-IM-05 (OI II-d000)		
Case		e device internal memory and review reported	
Summary:	<u> </u>	t related information (i.e., MEID, MSISDN).	
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target		
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A IM-04 If a cellular forensic tool successfully completes acquisition of		
	the target device then	the tool shall have the ability to present acquired	
	data elements in a huma	n-readable format via either a preview-pane or	
	generated report.		
	A_IM-05 If a cellular f	forensic tool successfully completes acquisition of	
		subscriber related information shall be presented in	
	a human-readable format		
		Forensic tool successfully completes acquisition of	
		equipment related information shall be presented in	
	a human-readable format	without modification.	
Tester	ma		
Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Jul 17 09:27:18 EDT	2009	
Device:	Samsung SPHa660	2009	
Source	OS: WIN XP		
Setup:	Interface: cable		
becap.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Dilli Billing	
	Madress Book Energes	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	roleigh Entry	
	FIM Data	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special Character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming Incoming - Deleted	
		Outgoing Outgoing - Poloted	
	Text Mossages	Outgoing - Deleted	
	Text Messages	Incoming CMC - Dood	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
	1.1	0.1.1.771.1	
		Outgoing Video	

Test Case CFT	-IM-05 BitPim 1.0.6-official	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Fri Jul 17 09:27:18 EDT 2009 Acquisition finished: Fri Jul 17 09:34:53 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
	MSISDN was not acquired - NA	Τ
	Molodi was not acquired wa	
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	

## 5.2.54 CFT-IM-06 (SPH-a660)

Test Case CF	T-IM-06 BitPim 1.0.6-offic	cial		
Case	-	e device internal memory and review reported PIM		
Summary:	related data.			
Assertions:		orensic tool provides support for connectivity of		
I	the target device then the tool shall successfully recognize the target			
I		upported interfaces (e.g., cable, Bluetooth, IrDA).		
I		orensic tool successfully completes acquisition of		
Ì	_	the tool shall have the ability to present acquired		
I	data elements in a human-readable format via either a preview-pane or			
I	generated report.			
İ		orensic tool successfully completes acquisition of		
I	a human-readable format	all known address book entries shall be presented in		
İ		prensic tool successfully completes acquisition of		
	_ I	all known maximum length address book entries shall		
		-readable format without modification.		
		prensic tool successfully completes acquisition of		
		all known address book entries containing special		
		sented in a human-readable format without		
	modification.			
		orensic tool successfully completes acquisition of		
		all known address book entries containing blank		
		d in a human-readable format without modification.		
		prensic tool successfully completes acquisition of		
		all known email addresses associated with address		
	_	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			
		ted in a human-readable format without modification.		
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.			
l	_			
	presented in a human-rea			
	presented in a human-rea A_IM-14 If a cellular fo	adable format without modification.		
	presented in a human-rea A_IM-14 If a cellular for the target device then a	adable format without modification.  prensic tool successfully completes acquisition of		
	presented in a human-rea A_IM-14 If a cellular for the target device then a	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
Tester	presented in a human-rea A_IM-14 If a cellular for the target device then a	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
Name:	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
Name: Test Host:	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a rpa  Morrisy	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Test Host: Test Date:	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Test Host: Test Date: Device:	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Test Host: Test Date: Device:	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.  2009		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.  2009  DATA ELEMENTS		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.  2009  DATA ELEMENTS  Maximum Length		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS	adable format without modification.  prensic tool successfully completes acquisition of 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	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.  2009  DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS	adable format without modification.  prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.  2009  DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name		
Name: Test Host: Test Date: Device: Source	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 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	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS	adable format without modification.  Derensic tool successfully completes acquisition of all 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		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 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	presented in a human-real A_IM-14 If a cellular for the target device then a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 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	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 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 Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Maximum Length Maximum Length Regular Length, Deleted email - deleted picture		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS  Address Book Entries	DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length 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 Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS  Address Book Entries	adable format without modification. Dependent of successfully completes acquisition of all 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 Deleted Entry  Maximum Length Regular Length Deleted Entry		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length 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 Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device them a shall be presented in a rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS  Address Book Entries	DATA ELEMENTS  Maximum 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 Special Character Blank Name Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Regular Special Character		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	DATA ELEMENTS  Maximum 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	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	adable format without modification. Derensic tool successfully completes acquisition of all 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 Special Character  Missed Missed - Deleted		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	DATA ELEMENTS  Maximum Length email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	DATA ELEMENTS  Maximum Length email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length 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	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	DATA ELEMENTS  Maximum Length email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Deleted Entry Special Character  Missed Missed - Deleted Incoming Incoming - Deleted Outgoing		
Name: Test Host: Test Date: Device: Source	presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a  rpa  Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable  DATA OBJECTS Address Book Entries  PIM Data	DATA ELEMENTS  Maximum Length email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length Regular Length Regular Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Deleted Entry Foreign Entry  Maximum Length Regular Length Deleted Entry Special Character  Missed Missed - Deleted Incoming Incoming - Deleted		

	'-IM-06 BitPim 1.0.6-official	
	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	
	Lureaced By Billeim version i.u.b = official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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	
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009  Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired	Actual
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result	Actual Result
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.	Actual Result as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via	Actual Result
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.	Actual Result as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book	Actual Result as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces.  A_IM-04 Readability and completeness of acquired data via supported reports.  A_IM-07 Acquisition of address book entries.  A_IM-08 Acquisition of maximum length address book entries.	Actual Result as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ALL PIM related data was acquired  A IM-01 Device connectivity via supported interfaces.  A IM-04 Readability and completeness of acquired data via supported reports.  A IM-07 Acquisition of address book entries.  A IM-08 Acquisition of maximum length address book entries.  A IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ALL PIM related data was acquired  A IM-01 Device connectivity via supported interfaces.  A IM-04 Readability and completeness of acquired data via supported reports.  A IM-07 Acquisition of address book entries.  A IM-08 Acquisition of maximum length address book entries.  A IM-09 Acquisition of address book entries containing special characters.	Actual Result as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a	Actual Result as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ASSERTION & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry.	Actual Result as expected as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ASSERTION & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ALL PIM related data was acquired  ASSERTION & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries.	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ALL PIM related data was acquired  ASSERTION & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  AIM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  ALL PIM related data was acquired  Assertion & Expected Result  A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
Highlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 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  AIM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected

### 5.2.55 CFT-IM-08 (SPH-a660)

	FI-IIVI-UO (SFIT-400U)		
	-IM-08 BitPim 1.0.6-offici		
Case	=	device internal memory and review reported text	
Summary:	messages.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target		
	device via all vendor supported interfaces (e.g., cable, Bluetooth, 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		
		-readable format via either a preview-pane or	
	generated report.	-readable format via elther a preview-pane of	
		rensic tool successfully completes acquisition of	
		ll text messages (i.e., SMS, EMS) messages shall be	
	3	dable format without modification.	
	F		
Tester	rpa		
Name:	1 -		
Test Host:	Morrisy		
Test Date:	Fri Jul 17 10:01:11 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	
	Cull logo	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	outgoing Beleecu	
	Tone needages	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	
	10/2 1/2 1/2	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 Audio - Deleted	

Test Case CFT	T-IM-08 BitPim 1.0.6-official		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	ighlights: Acquisition started: Fri Jul 17 10:01:11 EDT 2009		
	Acquisition finished: Fri Jul 17 10:06:02 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.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A IM-16 Acquisition of text messages.	as expected	
Analysis:	Expected results achieved		

### 5.2.56 CFT-IMO-01 (SPH-a660)

Test Case CF	T-IMO-01 BitPim 1.0.6-off:	
Case		le device internal memory and review reported data
Summary:	via supported generated	
Assertions:		forensic tool successfully completes acquisition of
		the tool shall present the acquired data without
	modification via suppor	ted generated report formats.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jul 17 10:09:18 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	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	Outgoing Defeated
	Tene Hebbageb	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
		3 3
	MMC Manager	Outgoing EMS - Deleted
	MMS Messages	Taranta a Ata
		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	-IMO-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Fri Jul 17 10:09:18 EDT 2009	
	Acquisition finished: Fri Jul 17 10:14:37 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	

## 5.2.57 CFT-IMO-02 (SPH-a660)

Test Case CFT	-IMO-02 BitPim 1.0.6-offi	icial
Case		le device internal memory and review reported data
Summary:	via the preview-pane.	
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition o	
110001010110	the target device then the tool shall present the acquired data with	
	modification in a previ	
		Fame 1-2
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jul 17 10:14:57 EDT	2009
Device:	Samsung SPHa660	2009
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	TOTOTGII BIICTY
	I III Data	Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special Character
	Call Logs	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
	m. I Marana	Outgoing - Deleted
	Text Messages	7 / 01/0 7 /
		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	-IMO-02 BitPim 1.0.6-official	
Highlights:	Acquisition started: Fri Jul 17 10:14:57 EDT 2009 Acquisition finished: Fri Jul 17 10:16:13 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	

### 5.2.58 CFT-IMO-03 (SPH-a660)

	F1-11VIO-03 (SPH-a000)	
	-IMO-03 BitPim 1.0.6-offic	
Case		e device internal memory and compare reported data
Summary:	via the preview-pane and supported generated reports.	
Assertions:		prensic 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	
	_	orensic tool provides a preview-pane view and a acquired data then the reports shall maintain
	consistency of all repor-	
	consistency of all repor	ted data elements.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jul 17 10:16:32 EDT	2009
Device:	Samsung SPHa660	2003
Source	OS: WIN XP	
Setup:	Interface: cable	
becap.	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA BESTERIO
	Address Book Entires	Marinum Ionath
		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
	Obered alene delle Cid	Outgoing Video
	Stand-alone data files	7 4'.
		Audio
		Audio - Deleted
		Image
		Image - Deleted Video

Test Case CFT-IMO-03 BitPim 1.0.6-official				
	Video - Deleted			
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:16:32 EDT 2009 Acquisition finished: Fri Jul 17 10:29:20 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 device acquisition.	as expected		
Analysis:	Expected results achieved	•		

## 5.2.59 CFT-IMO-05 (SPH-a660)

Test Case CFT-INO-05 BitFins 1.0.6-official  Case Summary:  CFT-INO-05 Perform a physical acquisition and review data output for readability.  Assertions:  A TWO-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 present formats.  A TWO-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 TWO-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.  Test Nost:  FPA  Test Nost:  PARA TOSINCTS  Samuung SYHA660  Source  Setup:  Mariamu Length  Address Book Entries  Maximum Length  Regular Length, Deleted email - deleted picture  Special Character  Blank Name  Regular Length  Deleted Entry  FIN Data  Maximum Length  Regular Length  Deleted Entry  Fin Deleted  Incoming Home Deleted  Incoming SWS - Deleted  Outgoing SWS  Outgoing SWS  Outgoing SWS  Outgoing SWS - Read  Incoming SWS - Deleted  Incoming SWS - Deleted  Outgoing SWS - Deleted  Thomas - Deleted  Thomas - Deleted  Thomas - Deleted  Thomas - Deleted  Outgoing JWS - Read  Incoming JWS - Deleted  Outgoing JWS - De	5.2.55 Of 1-100-05 (Of 11-0000)					
Summary:   Feadability.						
Assertions:  A 1MO-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 1MO-27 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 1MO-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.  Test Most:  Fractor Name:  Fractor Na						
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-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.  Test Wame:  Test Name:						
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-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.  Test Most:  Fest Date:  Fri Jul 17 10:30:04 EDT 2009  Device:  Samsung SPH3650  Source  Setup:  Morrisy  Therface: cable  DATA CHEMENTS  Address Book Entries  Maximum Length  Regular Length, Deleted email - deleted picture  Blank Name  Regular Length, Deleted email - deleted picture  Deleted Entry  FIM Data  Maximum Length  Regular Length  Deleted Entry  FIM Data  Missed  Missed  Missed  Missed  Missed  Missed  Lincoming  Lincoming  Lincoming  Lincoming  Text Messages  Lincoming SMS - Deleted  Lincoming Lincoming Lincoming SMS - Deleted  Lincoming Lincoming Lincoming SMS - Deleted  Lincoming Lincoming Lincoming SMS - Deleted  Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincoming Lincomin	Assertions:					
A_TMO-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_TMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall auccessfully complete the acquisition and present the data in a human-readable format.  Test Name:  Test Bast:  Past Bast:  Pri Jul 17 10:33:04 EDT 2009  Device:  Sansung SFH8660  OS: MIN P Interface: cable  DATA DAMECTS  Address Book Entries  Maximum Length  Regular Length, Deleted email - deleted picture  Blank Name  Requiar Length, Deleted email - deleted picture  PIM Data  Regular Length  Regular Length  Deleted Entry  PIM Data  Maximum Length  Regular Length  Deleted Entry  Special Character  Call Logs  Missed  Missed  Missed  Missed  Missed  Dutgoing DBS - Read  Incoming  Incoming SMS - Deleted  Outgoing SMS  Outgoing SMS - Deleted  Dutgoing SMS - Unread  Incoming SMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Dutgoing SMS - Deleted  Outgoing SMS - Deleted  Outgoing Madio  Outgoing Judio  Incoming Judio  Incoming Judio  Incoming Judio  Outgoing Judio  Outgoing Judio  Dutgoing Madio  Outgoing Judio  Dutgoing Judio  Judio Deleted  Inage  Inage - Deleted						
the target device then the tool shall present the acquired data without modification in a preview-pane view.  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.  Test Name:  Test Name:  Test Name:  Test Name:  Fri Jul 17 10:30:04 EDT 2009  Source  So		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-27 If the cellular forensic tool supports a physical acquisition of				
modification in a preview-pane view. A IMO-27 ff 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.  Tester Name:  rpa  Test Rost:  Morrisy  Test Date:  Pri Jul 17 10:30:04 EDT 2009  Device:  OS: WIN XP Interface: cable  PATA ORDERTS  Address Rock Entries  Regular Length, email, picture  Sequiar Length, Deleted email - deleted picture  Regular Length, Deleted email - deleted picture  Regular Length, Deleted Entry  FIM Data  Maximum Length  Regular Length  Deleted Entry  Special Character  Call Logs  Missed  Missed - Deleted  Incoming Audio  Text Messages  Incoming SMS - Deleted  Incoming Miss - Deleted  Incomin						
A_HMO-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.  Test Bost: Test Host: Test Date: Test Bost: Samsung SCHAGGO SOURCE Source Setup:  DATA SIZEMENTS Address Scok Entries  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry FIM Data  Maximum Length Regular Length Regular Length Popleted Entry Foreign Entry  FIM Data  Missed  M						
the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.  Test Mars: Test Bate: Fri Jul 17 10:30:04 BDT 2009  Device: Samsung SPHa660  Setup:  DATA OBJECTS Address Book Entries Address Book Entries  Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Frigural Length Regular Length Deleted Entry Special Character Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Sim Data  Regular Length Deleted Entry Special Character Call Logs Missed Missed Missed Missed Deleted Entry Special Character Call Logs Missed Missed Deleted Entry Special Character Call Logs Missed Missed Deleted Entry Special Character Call Logs Missed Deleted Entry Special Character Call Logs Missed Deleted Entry Special Character Call Logs Missed Deleted Entry Special Character Call Logs Missed Deleted Entry Special Character Call Logs Missed Deleted Deleted Entry Special Character Call Logs Missed Deleted De						
Tester Name: rpa Test Host: Morrisy Test Bost: Pri Jul 17 10:30:04 EDT 2009 Device: Samsung SPHA660 Source OS: WIN XP Setup: DATA BLEMENTS Address Book Entries  Maximum Length Regular Length, Deleted email - deleted picture Blank Name Regular Length, Deleted email - deleted picture Blank Name Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Length Regular Leng						
Tester Name:   Tpa						
Test Date:		and present the data in	a human-readable format.			
Test Date:						
Test Date:   Fri Jul 17 10:30:04 EDT 2009	Tester Name:	rpa				
Device:   Samsung SPHa660	Test Host:					
Source Setup:    DATA OBJECTS	Test Date:	Fri Jul 17 10:30:04 EDT	2009			
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  FIM Data  Maximum Length  Regular Length  Regular Length  Regular Length  Regular Length  Regular Length  Regular Length  Regular Length  Regular Length  Regular Length  Regular Length  Deleted Entry  Special Character  Call Logs  Missed - Deleted  Incoming Lower Length  Incoming - Deleted  Text Messages  Incoming SMS - Deleted  Incoming Enso - Deleted  Incoming Enso - Read  Incoming EMS - Deleted  Incoming Inso - Deleted  MMS Messages  Incoming Inage  Outgoing Madio  Outgoing Inage  Outgoing Inage  Outgoing Inage  Outgoing Inage  Outgoing Inage  Inage - Deleted  Image - Deleted	Device:	Samsung_SPHa660				
Address Book Entries  Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  FIM Data  Maximum Length Regular Length Deleted Entry Foreign Entry  FIM Data  Maximum Length Regular Length Deleted Entry Special Character  Call Logs  Missed Missed Missed Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing Outgoing Outgoing - Deleted  Text Messages  Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Unread Incoming SMS - Deleted Incoming EMS - Read Incoming EMS - Deleted Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Incoming EMS - Deleted Outgoing EMS - Deleted  MMS Messages  Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Incoming Video Outgoing Image Incoming Image Incoming Image Outgoing Image Outgoing Image Deleted Image - Deleted	Source	OS: WIN XP				
Address Book Entries  Maximum 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 Incoming SMS - Read Incoming SMS - William SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming Image Incoming Video Outgoing Nadio	Setup:	Interface: cable				
Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Foreign Entry  FIM Data Maximum Length Regular Length Deleted Entry Special Character  Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Incoming Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming Image Incoming Image Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Incoming Image Incoming Image Outgoing Image Incoming Deleted Image - Deleted		DATA OBJECTS	DATA ELEMENTS			
Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Foreign Entry  FIM Data Maximum Length Regular Length Deleted Entry Special Character  Call Logs Missed Missed - Deleted Incoming Incoming - Deleted Incoming Outgoing - Deleted Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming SMS - Deleted Outgoing SMS - Deleted Incoming Image Incoming Image Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Incoming Image Incoming Image Outgoing Image Incoming Deleted Image - Deleted		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 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 - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Deleted Outgoing EMS Outgoing EMS - Deleted Incoming Image Incoming Image Incoming Image Incoming Video Outgoing Image Outgoing Image Stand-alone data files Audio - Deleted Image Image - Deleted Image - Deleted			Maximum Length			
Special Character   Blank Name   Regular Length, Deleted email - deleted picture   Deleted Entry   Foreign Entry   Foreign Entry						
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 Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted  Text Messages  Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Incoming EMS - Deleted  Incoming Foreign EMS - Read  Incoming Foreign EMS - Deleted  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Outgoing Madio Outgoing Image Incoming Video  Outgoing Image Outgoing Video  Stand-alone data files  Audio - Deleted Image Image Image Image						
Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry PIM Data  Maximum Length Regular Length Deleted Entry Special Character  Call Logs  Missed Missed Incoming - Deleted Outgoing Outgoing - Deleted  Incoming SMS - Read Incoming SMS - Deleted  Incoming SMS - Deleted Outgoing SMS - Deleted  Incoming SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS  Outgoing SMS - Deleted  MMS Messages  Incoming Image Incoming Image Incoming Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Video  Stand-alone data files  Audio Audio - Deleted Image Image Image			*			
Deleted Entry						
PIM Data  Maximum Length  Regular Length  Deleted Entry  Special Character  Call Logs  Missed  Missed  Missed - Deleted  Incoming - Deleted  Outgoing  Outgoing - Deleted  Incoming SMS - Read  Incoming SMS - Unread  Incoming SMS - Deleted  Outgoing SMS  Outgoing SMS  Outgoing SMS - Deleted  Incoming EMS - Read  Incoming EMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Surgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Image  Incoming Video  Outgoing Video  Outgoing Video  Stand-alone data files  Audio - Deleted  Image  Image - Deleted						
PIM Data  Maximum Length  Regular Length  Deleted Entry Special Character  Call Logs  Missed  Missed - Deleted Incoming Incoming - Deleted Outgoing - Deleted  Text Messages  Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted  Incoming SMS - Deleted  Uncoming SMS - Deleted  Incoming EMS - Read Incoming EMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted  Incoming EMS - Deleted Outgoing EMS - Deleted  MMS Messages  Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video  Stand-alone data files  Audio - Deleted Image Image Image Image			-			
Maximum Length Regular Length Deleted Entry Special Character  Call Logs  Missed Missed Deleted Incoming Incoming Incoming Outgoing Outgoing Outgoing Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing EMS - Deleted  Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted Stand-alone data files Audio Audio - Deleted Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image			Foreign Entry			
Regular Length Deleted Entry Special Character  Call Logs  Missed Missed Dincoming Incoming - Deleted Outgoing Outgoing - Deleted  Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Read  Incoming EMS - Read  Incoming EMS - Read  Incoming EMS - Deleted  Incoming Image Incoming Image Incoming Video  Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Image Outgoing Video  Stand-alone data files  Audio Audio - Deleted Image Image Image - Deleted		PIM Data				
Deleted Entry Special Character  Call Logs  Missed Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted  Text Messages  Incoming SMS - Read Incoming SMS - Read Incoming SMS - Deleted Outgoing SMS - Deleted  Incoming SMS - Deleted  Incoming SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Read  Incoming EMS - Read  Incoming EMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted  Incoming Foreign EMS - Read  Incoming Foreign EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Image Outgoing Video  Stand-alone data files  Audio Audio - Deleted Image Image Image Image Image			2			
Special Character  Missed  Missed - Deleted  Incoming  Incoming - Deleted  Outgoing  Outgoing - Deleted  Incoming SMS - Read  Incoming SMS - Read  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS  Outgoing SMS - Deleted  Incoming EMS - Read  Incoming EMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Deleted  Outgoing Image  Incoming Audio  Incoming Image  Incoming Video  Outgoing Image  Outgoing Image  Outgoing Video  Stand-alone data files  Audio  Audio - Deleted  Image  Image  Image - Deleted			Regular Length			
Missed			Deleted Entry			
Missed - Deleted  Incoming  Incoming - Deleted  Outgoing  Outgoing - Deleted  Text Messages  Incoming SMS - Read  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Stand-alone data files  Audio  Audio - Deleted  Image  Image - Deleted			Special Character			
Missed - Deleted Incoming Incoming - Deleted Outgoing Outgoing - Deleted  Text Messages  Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted  Outgoing SMS - Deleted  Outgoing SMS - Deleted  Incoming SMS - Deleted  Outgoing SMS Outgoing SMS - Deleted  Incoming EMS - Read Incoming EMS - Read  Incoming EMS - Deleted  Outgoing SMS - Deleted  Incoming EMS - Deleted  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio Incoming Image Incoming Video  Outgoing Image Outgoing Image  Outgoing Video  Stand-alone data files  Audio Audio - Deleted Image Image Image - Deleted		Call Logs				
Incoming   Incoming   Incoming   Outgoing   Outgoing   Outgoing   Deleted   Text Messages   Incoming SMS - Read   Incoming SMS - Unread   Incoming SMS - Deleted   Outgoing SMS   Incoming EMS - Unread   Incoming EMS - Unread   Incoming EMS - Unread   Incoming EMS - Deleted   Outgoing EMS   Incoming Image   Incoming Video   Outgoing Image   Outgoing Image   Outgoing Video   Stand-alone data files   Audio   Audio   Audio   Deleted   Image   I			Missed			
Incoming   Incoming   Incoming    Outgoing    Outgoing   Deleted    Text Messages    Incoming SMS - Read    Incoming SMS - Unread    Incoming SMS - Deleted    Outgoing SMS    Outgoing SMS    Outgoing SMS    Outgoing SMS    Outgoing SMS - Deleted    Incoming EMS - Read    Incoming EMS - Unread    Incoming EMS - Unread    Incoming EMS - Deleted    Outgoing EMS    Outgoing EMS    Outgoing EMS    Outgoing EMS    Outgoing EMS - Deleted    MMS Messages    Incoming Image    Incoming Video    Outgoing Image    Outgoing Image    Outgoing Video    Stand-alone data files    Audio    Audio    Audio    Audio    Audio    Image			Missed - Deleted			
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 - Read  Incoming Foreign EMS - Read  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Image  Outgoing Video  Stand-alone data files  Audio - Deleted  Image  Image  Image  Image  Image  Image  Image						
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 - Read  Incoming Foreign EMS - Read  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Image  Outgoing Video  Stand-alone data files  Audio - Deleted  Image  Image  Image  Image  Image  Image  Image			Incoming - 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 - Read  Incoming EMS - Read  Incoming Foreign EMS - Read  Incoming EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio Incoming Image Incoming Video  Outgoing Audio Outgoing Image Outgoing Image  Outgoing Image  Outgoing Video  Stand-alone data files  Audio Audio - Deleted  Image Image Image Image Image Image						
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 - Unread  Incoming EMS - Deleted  Outgoing Image  Incoming Video  Outgoing Image  Outgoing Image  Outgoing Video  Stand-alone data files  Audio  Audio - Deleted  Image  Image - Deleted						
Incoming SMS - Read Incoming SMS - Unread Incoming SMS - Deleted Outgoing SMS Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Outgoing EMS - Deleted Outgoing EMS - Deleted Outgoing EMS - Deleted  MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Image Outgoing Image Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted		Tev+ Messages	outgoing beleted			
Incoming SMS - Unread  Incoming SMS - Deleted  Outgoing SMS  Outgoing SMS - Deleted  Incoming EMS - Read  Incoming EMS - Unread  Incoming EMS - Unread  Incoming EMS - Deleted  Outgoing EMS - Deleted  Incoming EMS - Deleted  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Image  Outgoing Image  Stand-alone data files  Audio  Audio - Deleted  Image  Image  Image  Image  Image - Deleted		Text Messages	Incoming CMC Dood			
Incoming SMS - Deleted  Outgoing SMS  Outgoing SMS - Deleted  Incoming EMS - Read  Incoming EMS - Unread  Incoming Foreign EMS - Read  Incoming EMS - Deleted  Outgoing EMS  Outgoing EMS  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Image  Stand-alone data files  Audio  Audio - Deleted  Image  Image - Deleted						
Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Incoming EMS - Read Incoming EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS - Deleted  MMS Messages Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Audio Stand-alone data files Audio Audio - Deleted Image Image Image - Deleted						
Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming EMS - Deleted Outgoing EMS - Deleted Outgoing EMS Outgoing EMS Outgoing EMS - Deleted  MMS Messages  Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Audio Outgoing Audio Stand-alone data files Audio Audio - Deleted Image Image - Deleted			3			
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  Stand-alone data files  Audio  Audio - Deleted  Image						
Incoming EMS - Unread  Incoming Foreign EMS - Read  Incoming EMS - Deleted  Outgoing EMS  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Audio  Outgoing Image  Outgoing Video  Stand-alone data files  Audio  Audio - Deleted  Image  Image - Deleted						
Incoming Foreign EMS - Read  Incoming EMS - Deleted  Outgoing EMS  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Image  Outgoing Image  Incoming Image  Incoming Video  Outgoing Video  Stand-alone data files  Audio  Audio - Deleted  Image  Image  Image - Deleted						
Incoming EMS - Deleted  Outgoing EMS  Outgoing EMS - Deleted  MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Image  Outgoing Video  Stand-alone data files  Audio  Audio - Deleted  Image  Image - Deleted			-			
Outgoing EMS Outgoing EMS - Deleted  MMS Messages  Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Image Outgoing Video  Stand-alone data files  Audio Audio - Deleted Image Image - Deleted			3 3			
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			Incoming 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			Outgoing EMS			
MMS Messages  Incoming Audio  Incoming Image  Incoming Video  Outgoing Audio  Outgoing Image  Outgoing Video  Stand-alone data files  Audio  Audio - Deleted  Image  Image - Deleted			Outgoing EMS - Deleted			
Incoming Audio Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted		MMS Messages				
Incoming Image Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted			Incoming Audio			
Incoming Video Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted						
Outgoing Audio Outgoing Image Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted			, , , , , , , , , , , , , , , , , , ,			
Outgoing Image Outgoing Video  Stand-alone data files  Audio Audio - Deleted Image Image - Deleted			5			
Outgoing Video Stand-alone data files Audio Audio - Deleted Image Image - Deleted						
Stand-alone data files  Audio Audio - Deleted Image Image - Deleted			, , , , , , , , , , , , , , , , , , ,			
Audio Audio - Deleted Image Image - Deleted		01 - 1 - 1 - 1 - 5 - 2	Ourgoing Video			
Audio - Deleted  Image  Image - Deleted		Stand-alone data files				
Image Image - Deleted						
Image - Deleted						
			Image			
Video			Image - Deleted			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Video				

Test Case CFT	Test Case CFT-IMO-05 BitPim 1.0.6-official				
	Video - Deleted				
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:30:04 EDT 2009 Acquisition finished: Fri Jul 17 10:33:42 EDT 2009  Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful 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-pane.	as expected			
	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected			
Analysis:	Expected results achieved				

## 5.2.60 CFT-IMO-06 (SPH-a660)

	IMO-06 BitPim 1.0.6-offic	cial control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c		
		sical acquisition and review reports for		
	recoverable deleted data			
		prensic tool successfully completes acquisition of		
		ne 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			
	=	ne tool shall present the acquired data without		
	modification in a preview			
		forensic tool supports a physical acquisition of		
		sent on the target device then the tool shall		
	report recoverable deleted data or address book data remnants in a human- readable format.			
		forensic tool supports a physical acquisition of		
		s present on the target device then the tool shall		
		ed calendar, tasks, or note data remnants in a		
	human-readable format.	sa caronaar, caono, or noce aaca rommanoo in a		
		forensic tool supports a physical acquisition of		
		target device then the tool shall report		
		or call log data remnants in a human-readable		
	format.			
	A IMO-31 If the cellular	forensic tool supports a physical acquisition of		
	$\overline{\text{SMS}}$ messages present on t	the target device then the tool shall report		
		messages or SMS message data remnants in a human-		
	readable format.			
		forensic tool supports a physical acquisition of		
		the target device then the tool shall report		
		messages or EMS message data remnants in a human-		
	readable format.			
	A_IMO-33 If the cellular forensic tool supports a physical acquisition of			
		ne target device then the tool shall report		
		o 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			
		ne target device then the tool shall report		
	=	o file data or video file data remnants in a human-		
	readable format.			
	rpa			
Name:	26			
		Morrisy		
Test Date:	Fri Jul 17 10:35:00 EDT 2009			
		2009		
Device:	Samsung_SPHa660	2009		
Device: Source	Samsung_SPHa660 OS: WIN XP	2009		
Device: Source	Samsung_SPHa660 OS: WIN XP Interface: cable			
Device: Source	Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS		
Device: Source	Samsung_SPHa660 OS: WIN XP Interface: cable	DATA ELEMENTS		
Device: Source	Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS  Maximum Length		
Device: Source	Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, email, picture		
Device: Source	Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character		
Device: Source	Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, email, picture Special Character Blank Name		
Device: Source	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		
Device: Source	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		
Device: Source	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		
Device: Source	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		
Device: Source	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		
Device: Source	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 Regular Length		
Device: Source	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		
Device: Source	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 Regular Length		
Device: Source	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		
Device: Source	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		

Test Case CFT	-IMO-06 BitPim 1.0.6-offic	ial	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	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		
	This Hessages	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Audio Outgoing Image	
	<del>                                   </del>	Outgoing Thage Outgoing Video	
	Stand-alone data files	Outgoing video	
	Stand-alone data files	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log	Created By BitPim Version	n 1.0.6 – official	
Highlights:	Acquisition started: Fri Jul 17 10:35:00 EDT 2009 Acquisition finished: Fri Jul 17 10:39:57 EDT 2009		
	Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful Deleted address book entries were recovered Deleted address book entries were not recovered Deleted PIM data was not recovered Deleted Call log data was recovered Deleted Call log data was not recovered Deleted text message data was recovered Deleted audio data was not recovered Deleted graphic data was not recovered Deleted video data was not recovered Deleted video data was not recovered		
Results:  Assertion & Expected Result		sult	Actual Result
	A_IMO-23 Comparison of I generated reports.	known device data elements via	as expected
	preview-pane.	known device data elements via	as expected
A_IMO-28 Physical acquisition, recovery of deleted address book entries.			
	data.	sition, recovery of deleted PIM	as expected
	logs.	sition, recovery of deleted call	as expected
	A_IMO-31 Physical acquise messages.	sition, recovery of deleted SMS	as expected
1		sition, recovery of deleted EMS	

Test Case CFT-IMO-06 BitPim 1.0.6-official			
	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		

## 5.2.61 CFT-IMO-07 (SPH-a660)

Test Case CFT	-IMO-07 BitPim 1.0.6-offi	<u>-</u>		
Case		le device internal memory and review generated log		
Summary:	files.			
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the			
	application should present the log files outlining the acquisition process			
	in a human-readable format.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Fri Jul 17 10:41:48 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			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
		Video - Deleted		

Test Case CFT-IMO-07 BitPim 1.0.6-official					
Highlights:	Acquisition started: Fri Jul 17 10	:41:48 EDT 2009			
	Acquisition finished: Fri Jul 17 10:50:01 EDT 2009				
	Creation of complete and human-readable log files was successful				
Results:					
	Assertion & Expected Result				
	A_IMO-36 Device Log file output. as expected				
Analysis:	Expected results achieved				

### 5.2.62 CFT-IMO-08 (SPH-a660)

Test Case CFT	-IMO-08 BitPim 1.0.6-offi	cial	
Case	CFT-IMO-08 Acquire mobile device internal memory and review data containing		
Summary:	foreign language charact	ters.	
Assertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of		
		the tool shall present the acquired data without	
	modification via supported generated report formats.		
		forensic tool successfully completes acquisition of	
	modification in a previous	the tool shall present the acquired data without	
		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.		
Tester	rpa		
Name:	_ rpa		
Test Host:	Morrisy		
Test Date:	Fri Jul 17 10:50:28 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	roreign Entry	
	TIM Baca	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
	Morris Magazina	Outgoing - Deleted	
	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	
	1 1	Outgoing Audio	
		1	
		Outgoing Image Outgoing Video	

Test Case CF	-IMO-08 BitPim 1.0.6-offic	ial		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
	Image - Deleted			
	Video			
		Video - Deleted		
Log Highlights:  Results:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:50:28 EDT 2009 Acquisition finished: Fri Jul 17 10:52:03 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 acquired but not properly displayed			
	Assertion & Expected Res	sult	Actual Result	
	A_IMO-23 Comparison of 1 generated reports.	known device data elements via	as expected	
	A_IMO-24 Comparison of known device data elements via as expected preview-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 as	
	foreign language charact	ters.	expected	
Analysis:	Partial 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.

To find out more about the National Institute of Justice, please visit:

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