

# FEB. 2013 NIJ Special REPORT Test Results for Mobile Device Acquisition Tool: Secure View 3v3.8.0

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	Test Results for Mobile Device Acquisition Tool: Secure View 3v3.8.0
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# Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice (NIJ), the Department of Homeland Security Science and Technology Directorate (DHS S&T), and the National Institute of Standards and Technology Office of Law Enforcement Standards Office (OLES) and Information Technology Laboratory (ITL). CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, the U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, 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 Naval Postgraduate School, the National White Collar Crime Center, the Commodity Futures Trading Commission, the U.S. Postal Service, and the Securities and Exchange Commission. 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, for users to make informed choices, and for the legal community and others to understand the tools' capabilities. The CFTT 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 (<u>http://www.cftt.nist.gov/</u>) are available for review and comment by the computer forensics community.

This document reports the results from testing Secure View version 3.8.0 against the *Smart Phone Tool Test Assertions and Test Plan*, available at the CFTT Web site (www.cftt.nist.gov/mobile\_devices.htm).

Test results from other tools 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.

# How to Read This Report

This report is divided into five sections. The first section is a summary of the results from the test runs. This section is sufficient for most readers to assess the suitability of the tool for the intended use. The remaining sections of the report describe how the tests were conducted, discuss any anomalies that were encountered, and provide documentation of test case run details that support the report summary. Section 2 gives justification for the selection of test cases from the set of possible cases defined in the test plan for Smart Phone forensic tools. The test cases are selected, in general, on the basis of features offered by the tool. Section 3 describes in more depth any anomalies summarized in the first section. Section 4 lists hardware and software used to run the test cases. Section 5

contains a description of each test case run. The description of each test run lists all test assertions used in the test case, the expected result, and the actual result. Please refer to the vendor's owner manual for guidance on using the tool.

# **Test Results for Mobile Device Data Acquisition Tool**

Tool Tested:	Secure View
Version:	3.8.0
Run Environment:	Microsoft Windows XP v5.1.2600
Supplier:	Susteen, Inc.
Address:	8001 Irvine Center Drive Suite 1500 Irvine, CA 92618
Tel:	949-341-0007
Fax:	949-341-0008
WWW:	http://www.datapilot.com

# **1** Results Summary

Secure View 3.8.0 is designed for logical acquisitions, data analysis, and report management from mobile phones, Smart Phones, and Subscriber Identity Modules (SIMs).

The tool was tested for its ability to acquire data from the internal memory of mobile devices and SIMs. Except for the following anomalies, the tool acquired all supported data objects completely and accurately for all seven mobile devices tested.

#### Device connectivity:

• Connectivity to the mobile device was not established. (Nokia 6350) Personal Information Management (PIM) data:

- Maximum length address book entries were truncated. (iPhone4 GSM, Black Berry Torch, iPhone4 CDMA, HTC Thunderbolt)
- Address book entries containing only one name (e.g., John) were reported as:
   "John John". (Motorola Tundra)
- Graphics files associated with address book entries were not reported. (iPhone4 GSM, iPhone4 CDMA, HTC Thunderbolt)
- Memo entries were not reported. (HTC Thunderbolt)

Acquisition of stand-alone files:

• Graphic, audio and video files were not reported. (HTC Thunderbolt) *Acquisition of Internet-related data*:

Internet-related data i.e., bookmarks, visited sites were not reported. (iPhone4 GSM, iPhone4 CDMA)

Acquisition of SIM subscriber-related data:

• The service provider name (SPN) was not reported. (SIMs)

Non-ASCII characters (internal phone memory):

• Contacts and text messages containing the non-ASCII characters were reported incorrectly. (BlackBerry Torch)

Non-ASCII characters (SIM memory):

 Contact entries containing the acute accented character é were reported incorrectly. (SIMs)

Refer to sections 3.1 - 3.8 for additional details.

# 2 Test Case Selection

Test cases used to test mobile device acquisition tools are defined in *Smart Phone Tool Test Assertions and Test Plan Version 1.0.* To test a tool, test cases are selected from the *Test Plan* document based on the features offered by the tool. Not all test cases or test assertions are appropriate for all tools. There is a core set of bases cases that are executed for every tool tested. Tool features guide the selection of additional test cases. If a given tool implements a given feature then the test cases linked to that feature are run. Tables (1a-1g) list the test cases available in Smartphone Examiner. Tables (2a-2g) list the test cases not available in Smartphone Examiner.

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03,
	SPT-04, SPT-06, SPT-07,
	SPT-08, SPT-09, SPT-10,
	SPT-12, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24

Table 1a: Selected Test Cases (iPhone4 GSM)	Table 1a:	Selected	Test	Cases	(iPhone4	GSM)
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Supported Optional Feature	<b>Cases Selected for Execution</b>
Acquire mobile device internal memory and review reported	SPT-25
data via the preview pane.	
Acquire SIM memory and review reported data via	SPT-26
supported generated report formats.	
Acquire SIM memory and review reported data via the	SPT-27
preview-pane.	
Attempt acquisition of a password-protected SIM.	SPT-28
Acquire mobile device internal memory and review data	SPT-33
containing non-ASCII characters.	
Acquire SIM memory and review data containing non-	SPT-34
ASCII characters.	
Begin acquisition on a PIN protected SIM to determine if	SPT-35
the tool provides an accurate count of the remaining number	
of PIN attempts and if the PIN attempts are decremented	
when entering an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been	SPT-36
exhausted to determine if the tool provides an accurate count	
of the remaining number of PUK attempts and if the PUK	
attempts are decremented when entering an incorrect value.	
Acquire mobile device internal memory and review hash	SPT-38
values for vendor supported data objects.	
Acquire SIM memory and review hash values for vendor	SPT-39
supported data objects.	

#### Table 2a: Omitted Test Cases (iPhone4 GSM)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported subscriber	SPT-05
and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	
Acquire mobile device internal memory and review application related	SPT-11
data (i.e., Word documents, spreadsheet, presentation documents).	
After a successful mobile device internal memory, alter the case file via	SPT-29
third-party means and attempt to re-open the case.	
After a successful SIM acquisition, alter the case file via third-party	SPT-30
means and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable	SPT-32
deleted data.	
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	
Acquire mobile device internal memory and review data containing	SPT-40
GPS longitude and latitude coordinates.	

#### Table 1b: Selected Test Cases (BlackBerry Torch)

Supported Optional Feature	Cases Selected for Execution
Base cases	SPT-01, SPT-02, SPT- 03, SPT-04, SPT-06, SPT-07, SPT-08, SPT- 09, SPT-12, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count	SPT-36

Supported Optional Feature	Cases Selected for Execution
of the remaining number of PUK attempts and if the PUK	
attempts are decremented when entering an incorrect value.	
Acquire mobile device internal memory and review hash	SPT-38
values for vendor supported data objects.	
Acquire SIM memory and review hash values for vendor	SPT-39
supported data objects.	

#### Table 2b: Omitted Test Cases (BlackBerry Torch)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review reported stand- alone multi-media data (i.e., audio, graphics, video).	SPT-10
Acquire mobile device internal memory and review application related data (i.e., Word documents, spreadsheet, presentation documents).	SPT-11
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

#### Table 1c: Selected Test Cases (Nokia 6350)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers	SPT-18
(ADN).	
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20

Supported Optional Feature	Cases
	Selected for Execution
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39

#### Table 2c: Omitted Test Cases (Nokia 6350)

Unsupported Optional Feature	Cases omitted - not executed
Attempt internal memory acquisition of a nonsupported mobile device.	SPT-02
Begin mobile device internal memory acquisition and interrupt	SPT-03
connectivity by interface disengagement.	
Acquire mobile device internal memory and review reported data via	SPT-04
the preview-pane or generated reports for readability.	
Acquire mobile device internal memory and review reported subscriber	SPT-05
and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	
Acquire mobile device internal memory and review reported PIM	SPT-06
related data.	
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text	SPT-08
messages.	
Acquire mobile device internal memory and review reported MMS	SPT-09
multi-media related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review reported stand-	SPT-10
alone multi-media data (i.e., audio, graphics, video).	
Acquire mobile device internal memory and review application related	SPT-11
data (i.e., Word documents, spreadsheet, presentation documents).	

Unsupported Optional Feature	Cases omitted -
Acquire mobile device internal memory and review Internet-related	not executed SPT-12
	SF 1-12
data (i.e., bookmarks, visited sites.	CDT 12
Acquire mobile device internal memory by selecting a combination of	SPT-13
supported data elements.	
Acquire mobile device internal memory and review reported data via	SPT-24
supported generated report formats.	
Acquire mobile device internal memory and review reported data via	SPT-25
the preview pane.	
After a successful mobile device internal memory, alter the case file via	SPT-29
third-party means and attempt to re-open the case.	
After a successful SIM acquisition, alter the case file via third-party	SPT-30
means and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable	SPT-32
deleted data.	
Acquire mobile device internal memory and review data containing	SPT-33
non-ASCII characters.	
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	
Acquire mobile device internal memory and review hash values for	SPT-38
vendor supported data objects.	
Acquire mobile device internal memory and review data containing	SPT-40
GPS longitude and latitude coordinates.	

#### Table 1d: Selected Test Cases (Motorola Tundra)

Supported Optional Feature	Cases Selected for
	Execution
Base Cases	SPT-01, SPT-02,
	SPT-03, SPT-04,
	SPT-05, SPT-06,
	SPT-10, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC	SPT-14
reader).	
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and	SPT-17
equipment related information (i.e., SPN, ICCID, IMSI,	
MSISDN).	
Acquire SIM memory and review reported Abbreviated Dialing	SPT-18
Numbers (ADN).	
Acquire SIM memory and review reported Last Numbers Dialed	SPT-19
(LND).	
Acquire SIM memory and review reported text messages (SMS,	SPT-20

EMS).	
Acquire SIM memory and review recoverable deleted text	SPT-21
messages (SMS, EMS).	
Acquire SIM memory and review reported location related data	SPT-22
(i.e., LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported	SPT-23
data elements.	
Acquire mobile device internal memory and review reported	SPT-24
data via supported generated report formats.	
Acquire mobile device internal memory and review reported	SPT-25
data via the preview pane.	
Acquire SIM memory and review reported data via supported	SPT-26
generated report formats.	
Acquire SIM memory and review reported data via the preview-	SPT-27
pane.	
Attempt acquisition of a password-protected SIM.	SPT-28
Acquire mobile device internal memory and review data	SPT-33
containing non-ASCII characters.	
Acquire SIM memory and review data containing non-ASCII	SPT-34
characters.	
Begin acquisition on a PIN protected SIM to determine if the	SPT-35
tool provides an accurate count of the remaining number of PIN	
attempts and if the PIN attempts are decremented when entering	
an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been	SPT-36
exhausted to determine if the tool provides an accurate count of	
the remaining number of PUK attempts and if the PUK attempts	
are decremented when entering an incorrect value.	
Acquire mobile device internal memory and review hash values	SPT-38
for vendor supported data objects.	
Acquire SIM memory and review hash values for vendor	SPT-39
supported data objects.	

#### Table 2d: Omitted Test Cases (Motorola Tundra)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text	SPT-08
messages.	
Acquire mobile device internal memory and review reported MMS	SPT-09
multi-media related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review application related	SPT-11
data (i.e., Word documents, spreadsheet, presentation documents).	
Acquire mobile device internal memory and review Internet-related	SPT-12
data (i.e., bookmarks, visited sites.	

After a successful mobile device internal memory, alter the case file	SPT-29
via third-party means and attempt to re-open the case.	
After a successful SIM acquisition, alter the case file via third-party	SPT-30
means and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable	SPT-32
deleted data.	
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	
Acquire mobile device internal memory and review data containing	SPT-40
GPS longitude and latitude coordinates.	

#### Table 1e: Selected Test Cases (iPhone4 CMDA)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-
	06, SPT-07, SPT-08, SPT-09, SPT-10,
	SPT-12, SPT-13
Acquire mobile device internal memory and	SPT-24
review reported data via supported generated	
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
Acquire mobile device internal memory and	SPT-33
review data containing non-ASCII characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported data	
objects.	

#### Table 2e: Omitted Test Cases (iPhone4 CDMA)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review application related data (i.e., Word documents, spreadsheet, presentation documents).	SPT-11
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19

Unsupported Optional Feature	Cases omitted - not executed
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

#### Table 1f: Selected Test Cases (HTC Thunderbolt)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-
	06, SPT-07, SPT-08, SPT-09, SPT-10,
	SPT-12, SPT-13
Acquire mobile device internal memory and	SPT-24
review reported data via supported generated	
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	

Supported Optional Feature	Cases Selected for Execution
Acquire mobile device internal memory and	SPT-33
review data containing non-ASCII characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported data	
objects.	

#### Table 2f: Omitted Test Cases (HTC Thunderbolt)

Unsupported Optional Feature	Cases
	omitted - not
	executed
Acquire mobile device internal memory and review reported subscriber	SPT-05
and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	
Acquire mobile device internal memory and review application related	SPT-11
data (i.e., Word documents, spreadsheet, presentation documents).	
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and equipment	SPT-17
related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Acquire SIM memory and review reported Abbreviated Dialing Numbers	SPT-18
(ADN).	
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages	SPT-21
(SMS, EMS).	
Acquire SIM memory and review reported location related data (i.e.,	SPT-22
LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported data	SPT-23
elements.	
Acquire SIM memory and review reported data via supported generated	SPT-26
report formats.	
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file via	SPT-29
third-party means and attempt to re-open the case.	
After a successful SIM acquisition, alter the case file via third-party means	SPT-30
and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted	SPT-32
data.	
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides	SPT-35
an accurate count of the remaining number of PIN attempts and if the PIN	

Unsupported Optional Feature	Cases omitted - not executed
attempts are decremented when entering an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

#### Table 1g: Selected Test Cases (Palm Pre 2)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03,
	SPT-04, SPT-10, SPT-13
Acquire mobile device internal memory and review	SPT-24
reported data via supported generated report formats.	
Acquire mobile device internal memory and review	SPT-25
reported data via the preview pane.	
Acquire mobile device internal memory and review hash	SPT-38
values for vendor supported data objects.	

#### Table 2g: Omitted Test Cases (Palm Pre 2)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review reported PIM related data.	SPT-06
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text messages.	SPT-08
Acquire mobile device internal memory and review reported MMS multi- media related data (i.e., text, audio, graphics, video).	SPT-09
Acquire mobile device internal memory and review application related data (i.e., Word documents, spreadsheet, presentation documents).	SPT-11
Acquire mobile device internal memory and review Internet-related data (i.e., bookmarks, visited sites.	SPT-12
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15

Unsupported Optional Feature	Cases
	omitted - not executed
Begin SIM acquisition and interrupt connectivity by interface	SPT-16
disengagement.	51110
Acquire SIM memory and review reported subscriber and equipment	SPT-17
related information (i.e., SPN, ICCID, IMSI, MSISDN).	51117
Acquire SIM memory and review reported Abbreviated Dialing Numbers	SPT-18
(ADN).	
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages	SPT-21
(SMS, EMS).	
Acquire SIM memory and review reported location related data (i.e.,	SPT-22
LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported data	SPT-23
elements.	
Acquire SIM memory and review reported data via supported generated	SPT-26
report formats.	
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file via	SPT-29
third-party means and attempt to re-open the case.	
After a successful SIM acquisition, alter the case file via third-party means	SPT-30
and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted	SPT-32
data.	
Acquire mobile device internal memory and review data containing non-	SPT-33
ASCII characters.	
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides	SPT-35
an accurate count of the remaining number of PIN attempts and if the PIN	
attempts are decremented when entering an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been exhausted to	SPT-36
determine if the tool provides an accurate count of the remaining number	
of PUK attempts and if the PUK attempts are decremented when entering	
an incorrect value.	CDT 27
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	<b>SDT 20</b>
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS	SPT-40
longitude and latitude coordinates.	~~
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# 3 Results by Test Assertion

A test assertion is a verifiable statement about a single condition after an action is performed by the tool under test. A test case usually checks a group of assertions after the action of a single execution of the tool under test. Test assertions are defined and linked to test cases in *Smart Phone Tool Test Assertions and Test Plan Version 1.0*.

Tables 3a - 3g summarize the test results by assertion. The column labeled **Assertions Tested** describes 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 any obverved anomalies are discussed.

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device then the tool shall successfully recognize the target	1	
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a		
nonsupported device then the tool shall notify the user that the device is	1	
not supported.		
SPT-CA-03 If connectivity between the mobile device and cellular		
forensic tool is disrupted then the tool shall notify the user that	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview-pane or	2	
generated report.		
SPT-CA-07 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries shall be presented in a	1	
useable format.		
SPT-CA-08 If a cellular forensic tool completes acquisition of the target		
device without error then maximum length address book entries shall be	1	3.2
presented in a useable format.		
SPT-CA-09 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing special	1	
characters shall be presented in a useable format.		
SPT-CA-10 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing blank names	1	
shall be presented in a useable format.		
SPT-CA-11 If a cellular forensic tool completes acquisition of the target		
device without error then email addresses associated with address book	1	
entries shall be presented in a useable format.		
SPT-CA-12 If a cellular forensic tool completes acquisition of the target		
device without error then graphics associated with address book entries	1	3.2
shall be presented in a useable format.		
SPT-CA-13 If a cellular forensic tool completes acquisition of the target	1	

 Table 3a: Assertions Tested (iPhone4 GSM)

Assertions Tested	Tests	Anomaly
device without error then datebook, calendar, note entries shall be		
presented in a useable format.		
SPT-CA-14 If a cellular forensic tool completes acquisition of the target		
device without error then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.		
SPT-CA-15 If a cellular forensic tool completes acquisition of the target		
device without error then call logs (incoming/outgoing/missed) shall be	1	
presented in a useable format.		
SPT-CA-16 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps and the	1	
duration of the call for call logs shall be presented in a useable format.		
SPT-CA-17 If a cellular forensic tool completes acquisition of the target		
device without error then ASCII text messages (i.e., SMS, EMS) shall	1	
be presented in a useable format.		
SPT-CA-18 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps for text	1	
messages shall be presented in a useable format.		
SPT-CA-19 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.		
SPT-CA-20 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.		
SPT-CA-21 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated audio shall be	1	
presented in a useable format.		
SPT-CA-22 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated graphic files	1	
shall be presented in a useable format.		
SPT-CA-23 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated video shall be	1	
presented in a useable format.		
SPT-CA-24 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone audio files shall be presented in a	1	
useable format via either an internal application or suggested third-party	1	
application.		
SPT-CA-25 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone graphic files shall be presented in	1	
a useable format via either an internal application or suggested third-	1	
party application.		
SPT-CA-26 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone video files shall be presented in a	1	
useable format via either an internal application or suggested third-party	1	
application.		
SPT-CA-28 If a cellular forensic tool completes acquisition of the target	1	3.5

Assertions Tested	Tests	Anomaly
device without error then Internet-related data (i.e., bookmarks, visited		
sites) cached to the device shall be acquired and presented in a useable		
format.		
SPT-CA-29 If a cellular forensic tool provides the user with an		
"Acquire All" device data objects acquisition option then the tool shall	2	
complete the acquisition of all data objects without error.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select		
All" individual device data objects then the tool shall complete the	2	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability		
to "Select Individual" device data objects for acquisition then the tool	2	
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
acquisitions of the target device without error then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
of the target SIM then the tool shall successfully recognize the target	2	
SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary	2	
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a		
nonsupported SIM then the tool shall notify the user that the SIM is not	1	
supported.		
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM		
reader then the tool shall notify the user that connectivity has been	1	
disrupted.		
SPT-AO-04 If a cellular forensic tool completes acquisition of the target		
SIM without error then the SPN shall be presented in a useable format.	1	3.6
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error then the ICCID shall be presented in a useable	1	
format.	-	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target		
SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error then the MSISDN shall be presented in a useable	1	
format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII Abbreviated Dialing Numbers (ADN)	1	
0	1	
shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target		
SIM without error then maximum length ADNs shall be presented in a	1	
useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing special characters shall be	1	
presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM	1	

Assertions Tested	Tests	Anomaly
without error then ADNs containing blank names shall be presented in a		
useable format.		
SPT-AO-12 If a cellular forensic tool completes acquisition of the target		
SIM without error then Last Numbers Dialed (LND) shall be presented	1	
in a useable format.		
SPT-AO-13 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for LNDs	1	
shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII SMS text messages shall be presented in	1	
a useable format.		
SPT-AO-15 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII EMS text messages shall be presented in	1	
a useable format.		
SPT-AO-16 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for all text	1	
messages shall be presented in a useable format.	-	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.	-	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the		
target SIM without error then deleted text messages that have not been	1	
overwritten shall be presented in a useable format.	T	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target		
SIM without error then location related data (i.e., LOCI) shall be	1	
presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target		
SIM without error then location related data (i.e., GRPSLOCI) shall be	1	
presented in a useable format.	1	
I		
SPT-AO-22 If a cellular forensic tool provides the user with an	1	
"Acquire All" SIM data objects acquisition option then the tool shall	1	
complete the acquisition of all data objects without error.		
SPT-AO-23 If a cellular forensic tool provides the user with an "Select	1	
All" individual SIM data objects then the tool shall complete the	1	
acquisition of all individually selected data objects without error.		
SPT-AO-24 If a cellular forensic tool provides the user with the ability	1	
to "Select Individual" SIM data objects for acquisition then the tool	1	
shall acquire each exclusive data object without error.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM		
without error then the tool shall present the acquired data in a useable	2	
format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM	2	

Assertions Tested	Tests	Anomaly
without error then the tool shall present the acquired data in a useable		
format in a preview-pane view.		
SPT-AO-28 If the SIM is password-protected then the cellular forensic		
tool shall provide the examiner with the opportunity to input the PIN	1	
before acquisition.		
SPT-AO-29 If a cellular forensic tool provides the examiner with the		
remaining number of authentication attempts then the application should	1	
provide an accurate count of the remaining PIN attempts.		
SPT-AO-30 If a cellular forensic tool provides the examiner with the		
remaining number of PUK attempts then the application should provide	1	
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters then the application should present ADNs in their native	2	3.8
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters then the application should present text messages in	2	
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual		
data objects then the tool shall present the user with a hash value for	2	
each supported data object.		

#### Table 3b: Assertions Tested: (BlackBerry Torch)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1	
of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a		
nonsupported device then the tool shall notify the user that the device is not supported.	1	
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	3.2
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT-CA-10 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing blank names	1	
shall be presented in a useable format.		
SPT-CA-11 If a cellular forensic tool completes acquisition of the target		
device without error then email addresses associated with address book	1	
entries shall be presented in a useable format.		
SPT-CA-12 If a cellular forensic tool completes acquisition of the target		
device without error then graphics associated with address book entries	1	
shall be presented in a useable format.		
SPT-CA-13 If a cellular forensic tool completes acquisition of the target		
device without error then datebook, calendar, note entries shall be	1	
presented in a useable format.		
SPT-CA-14 If a cellular forensic tool completes acquisition of the target		
device without error then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.		
SPT-CA-15 If a cellular forensic tool completes acquisition of the target		
device without error then call logs (incoming/outgoing/missed) shall be	1	
presented in a useable format.		
SPT-CA-16 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps and the	1	
duration of the call for call logs shall be presented in a useable format.		
SPT-CA-17 If a cellular forensic tool completes acquisition of the target		
device without error then ASCII text messages (i.e., SMS, EMS) shall	1	
be presented in a useable format.		
SPT-CA-18 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps for text	1	
messages shall be presented in a useable format.		
SPT-CA-19 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.		
SPT-CA-20 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.		
SPT-CA-21 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated audio shall be	1	
presented in a useable format.		
SPT-CA-22 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated graphic files	1	
shall be presented in a useable format.		
SPT-CA-23 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated video shall be	1	
presented in a useable format.		
SPT-CA-28 If a cellular forensic tool completes acquisition of the target		
device without error then Internet-related data (i.e., bookmarks, visited	1	
sites) cached to the device shall be acquired and presented in a useable		

Assertions Tested	Tests	Anomaly
format.		
SPT-CA-29 If a cellular forensic tool provides the user with an		
"Acquire All" device data objects acquisition option then the tool shall	2	
complete the acquisition of all data objects without error.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select		
All" individual device data objects then the tool shall complete the	2	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability		
to "Select Individual" device data objects for acquisition then the tool	2	
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
acquisitions of the target device without error then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
of the target SIM then the tool shall successfully recognize the target		
SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary	2	
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a		
nonsupported SIM then the tool shall notify the user that the SIM is not	1	
supported.		
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM		
reader then the tool shall notify the user that connectivity has been	1	
disrupted.	-	
SPT-AO-04 If a cellular forensic tool completes acquisition of the target		
SIM without error then the SPN shall be presented in a useable format.	1	3.6
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error then the ICCID shall be presented in a useable	1	
format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target		
SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error then the MSISDN shall be presented in a useable	1	
format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII Abbreviated Dialing Numbers (ADN)	1	
shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target		
SIM without error then maximum length ADNs shall be presented in a	1	
useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing special characters shall be presented in a useable format.	I	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing blank names shall be presented in a	1	
useable format.		

Assertions Tested	Tests	Anomaly
SPT-AO-12 If a cellular forensic tool completes acquisition of the target		
SIM without error then Last Numbers Dialed (LND) shall be presented	1	
in a useable format.		
SPT-AO-13 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for LNDs	1	
shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII SMS text messages shall be presented in	1	
a useable format.		
SPT-AO-15 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII EMS text messages shall be presented in	1	
a useable format.		
SPT-AO-16 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for all text	1	
messages shall be presented in a useable format.		
SPT-AO-17 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.	-	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the		
target SIM without error then deleted text messages that have not been	1	
overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target		
SIM without error then location related data (i.e., LOCI) shall be	1	
presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target		
SIM without error then location related data (i.e., GRPSLOCI) shall be	1	
presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an		
"Acquire All" SIM data objects acquisition option then the tool shall	1	
	1	
complete the acquisition of all data objects without error.		
SPT-AO-23 If a cellular forensic tool provides the user with an "Select	1	
All" individual SIM data objects then the tool shall complete the	1	
acquisition of all individually selected data objects without error.		
SPT-AO-24 If a cellular forensic tool provides the user with the ability	1	
to "Select Individual" SIM data objects for acquisition then the tool	1	
shall acquire each exclusive data object without error.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM		
without error then the tool shall present the acquired data in a useable	2	
format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM		
without error then the tool shall present the acquired data in a useable	2	
format in a preview-pane view.		

Assertions Tested	Tests	Anomaly
SPT-AO-28 If the SIM is password-protected then the cellular forensic		
tool shall provide the examiner with the opportunity to input the PIN	1	
before acquisition.		
SPT-AO-29 If a cellular forensic tool provides the examiner with the		
remaining number of authentication attempts then the application should	1	
provide an accurate count of the remaining PIN attempts.		
SPT-AO-30 If a cellular forensic tool provides the examiner with the		
remaining number of PUK attempts then the application should provide	1	
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters then the application should present ADNs in their native	2	3.7, 3.8
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters then the application should present text messages in	2	3.7
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual		
data objects then the tool shall present the user with a hash value for	2	
each supported data object.		

#### Table 3c: Assertions Tested: (Nokia 6350)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device then the tool shall successfully recognize the target	1	3.1
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall have the ability to present	1	
acquired data objects in a useable format via either a preview-pane or	1	
generated report.		
SPT-CA-29 If a cellular forensic tool provides the user with an		
"Acquire All" device data objects acquisition option then the tool shall	1	
complete the acquisition of all data objects without error.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select		
All" individual device data objects then the tool shall complete the	1	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability		
to "Select Individual" device data objects for acquisition then the tool	1	
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
acquisitions of the target device without error then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
of the target SIM then the tool shall successfully recognize the target		
SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary	2	
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a	1	

Assertions Tested	Tests	Anomaly
nonsupported SIM then the tool shall notify the user that the SIM is not		
supported.		
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM		
reader then the tool shall notify the user that connectivity has been	1	
disrupted.		
SPT-AO-04 If a cellular forensic tool completes acquisition of the target	1	3.6
SIM without error then the SPN shall be presented in a useable format.	1	5.0
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error then the ICCID shall be presented in a useable	1	
format.		
SPT-AO-06 If a cellular forensic tool completes acquisition of the target	1	
SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error then the MSISDN shall be presented in a useable	1	
format.		
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII Abbreviated Dialing Numbers (ADN)	1	
shall be presented in a useable format.		
SPT-AO-09 If a cellular forensic tool completes acquisition of the target		
SIM without error then maximum length ADNs shall be presented in a	1	
useable format.		
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM		
without error then ADNs containing special characters shall be	1	
presented in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM		
without error then ADNs containing blank names shall be presented in a	1	
useable format.		
SPT-AO-12 If a cellular forensic tool completes acquisition of the target		
SIM without error then Last Numbers Dialed (LND) shall be presented	1	
in a useable format.		
SPT-AO-13 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for LNDs	1	
shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII SMS text messages shall be presented in	1	
a useable format.		
SPT-AO-15 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII EMS text messages shall be presented in	1	
a useable format.		
SPT-AO-16 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for all text	1	
messages shall be presented in a useable format.		
SPT-AO-17 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	1	3.8
SPT-AO-41 If the cellular forensic tool supports proper display of non- ASCII characters then the application should present text messages in their native format.	1	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

 Table 3d: Assertions Tested: (Motorola Tundra)

Table 3d: Assertions Tested: (Motorola Tundra)         Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device then the tool shall successfully recognize the target	1	
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a		
nonsupported device then the tool shall notify the user that the device is	1	
not supported.	-	
SPT-CA-03 If connectivity between the mobile device and cellular		
forensic tool is disrupted then the tool shall notify the user that	1	
connectivity has been disrupted.	-	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or	2	
generated report.		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target	<u> </u>	
device without error then subscriber-related information shall be	1	
presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target	<u> </u>	
device without error then equipment related information shall be	1	
presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries shall be presented in a	1	3.2
useable format.	1	5.2
SPT-CA-08 If a cellular forensic tool completes acquisition of the target	+	
device without error then maximum length address book entries shall be	1	
presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target	<u> </u>	
device without error then address book entries containing special	1	
characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing blank names	1	
shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target		
device without error then email addresses associated with address book	1	
entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target		
device without error then graphics associated with address book entries	1	
shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target	+	
device without error then datebook, calendar, note entries shall be	1	
presented in a useable format.		
1	<u> </u>	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error than maximum length databack, calendar, note	1	
device without error then maximum length datebook, calendar, note		
entries shall be presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target	1	

1 · · · · · · · · · · · · · · · · · · ·	Tests	Anomaly
device without error then stand-alone audio files shall be presented in a		
useable format via either an internal application or suggested third-party		
application.		
SPT-CA-25 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone graphic files shall be presented in	1	
a useable format via either an internal application or suggested third-	1	
party application.		
SPT-CA-26 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone video files shall be presented in a	1	
useable format via either an internal application or suggested third-party	1	
application.		
SPT-CA-29 If a cellular forensic tool provides the user with an		
"Acquire All" device data objects acquisition option then the tool shall	2	
complete the acquisition of all data objects without error.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select	1	
All" individual device data objects then the tool shall complete the	2	
acquisition of all individually selected data objects without error.	-	
SPT-CA-31 If a cellular forensic tool provides the user with the ability		
to "Select Individual" device data objects for acquisition then the tool	2	
shall acquire each exclusive data objects for acquisition then the toor	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
acquisitions of the target device without error then the payload (data	1	
objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
of the target SIM then the tool shall successfully recognize the target	2	
SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary		
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a	1	
nonsupported SIM then the tool shall notify the user that the SIM is not	1	
supported.		
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM	1	
reader then the tool shall notify the user that connectivity has been	1	
disrupted.		
SPT-AO-04 If a cellular forensic tool completes acquisition of the target	1	3.6
SIM without error then the SPN shall be presented in a useable format.	_	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error then the ICCID shall be presented in a useable	1	
format.		
SPT-AO-06 If a cellular forensic tool completes acquisition of the target	1	
SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error then the MSISDN shall be presented in a useable	1	
format.		
SPT-AO-08 If a cellular forensic tool completes acquisition of the target	1	
SIM without error then ASCII Abbreviated Dialing Numbers (ADN)	1	

Assertions Tested	Tests	Anomaly
shall be presented in a useable format.		
SPT-AO-09 If a cellular forensic tool completes acquisition of the target		
SIM without error then maximum length ADNs shall be presented in a	1	
useable format.		
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM		
without error then ADNs containing special characters shall be	1	
presented in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM		
without error then ADNs containing blank names shall be presented in a	1	
useable format.		
SPT-AO-12 If a cellular forensic tool completes acquisition of the target		
SIM without error then Last Numbers Dialed (LND) shall be presented	1	
in a useable format.		
SPT-AO-13 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for LNDs	1	
shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII SMS text messages shall be presented in	1	
a useable format.	_	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target		
SIM without error then ASCII EMS text messages shall be presented in	1	
a useable format.	-	
SPT-AO-16 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding date/time stamps for all text	1	
messages shall be presented in a useable format.	_	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.	-	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target		
SIM without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.	-	
SPT-AO-19 If the cellular forensic tool completes acquisition of the		
target SIM without error then deleted text messages that have not been	1	
overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target		
SIM without error then location related data (i.e., LOCI) shall be	1	
presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target		
SIM without error then location related data (i.e., GRPSLOCI) shall be	1	
presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an		
"Acquire All" SIM data objects acquisition option then the tool shall	1	
complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an "Select		
-	1	
All" individual SIM data objects then the tool shall complete the		

Assertions Tested	Tests	Anomaly
acquisition of all individually selected data objects without error.		
SPT-AO-24 If a cellular forensic tool provides the user with the ability		
to "Select Individual" SIM data objects for acquisition then the tool	1	
shall acquire each exclusive data object without error.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM		
without error then the tool shall present the acquired data in a useable	2	
format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM		
without error then the tool shall present the acquired data in a useable	2	
format in a preview-pane view.		
SPT-AO-28 If the SIM is password-protected then the cellular forensic		
tool shall provide the examiner with the opportunity to input the PIN	1	
before acquisition.		
SPT-AO-29 If a cellular forensic tool provides the examiner with the		
remaining number of authentication attempts then the application should	1	
provide an accurate count of the remaining PIN attempts.		
SPT-AO-30 If a cellular forensic tool provides the examiner with the		
remaining number of PUK attempts then the application should provide	1	
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters then the application should present ADNs in their native	2	3.8
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters then the application should present text messages in	2	
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual		
data objects then the tool shall present the user with a hash value for	2	
each supported data object.		

#### Table 3e: Assertions Tested: (iPhone4 CDMA)

Assertions Tested	Tests	Anomaly
SPT-CA-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).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.	1	
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
device without error then address book entries shall be presented in a		
useable format.		
SPT-CA-08 If a cellular forensic tool completes acquisition of the target		
device without error then maximum length address book entries shall be	1	3.2
presented in a useable format.		
SPT-CA-09 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing special	1	
characters shall be presented in a useable format.		
SPT-CA-10 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing blank names	1	
shall be presented in a useable format.		
SPT-CA-11 If a cellular forensic tool completes acquisition of the target		
device without error then email addresses associated with address book	1	
entries shall be presented in a useable format.		
SPT-CA-12 If a cellular forensic tool completes acquisition of the target		
device without error then graphics associated with address book entries	1	3.2
shall be presented in a useable format.		
SPT-CA-13 If a cellular forensic tool completes acquisition of the target		
device without error then datebook, calendar, note entries shall be	1	
presented in a useable format.		
SPT-CA-14 If a cellular forensic tool completes acquisition of the target		
device without error then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.		
SPT-CA-15 If a cellular forensic tool completes acquisition of the target		
device without error then call logs (incoming/outgoing/missed) shall be	1	
presented in a useable format.		
SPT-CA-16 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps and the	1	
duration of the call for call logs shall be presented in a useable format.		
SPT-CA-17 If a cellular forensic tool completes acquisition of the target		
device without error then ASCII text messages (i.e., SMS, EMS) shall	1	
be presented in a useable format.		
SPT-CA-18 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps for text	1	
messages shall be presented in a useable format.		
SPT-CA-19 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.		
SPT-CA-20 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.		
SPT-CA-21 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated audio shall be	1	
presented in a useable format.		
SPT-CA-22 If a cellular forensic tool completes acquisition of the target	1	

device without error then MMS messages and associated graphic files         shall be presented in a useable format.         SPT-CA-23 If a cellular forensic tool completes acquisition of the target         device without error then MMS messages and associated video shall be         presented in a useable format.         SPT-CA-24 If a cellular forensic tool completes acquisition of the target         device without error then stand-alone audio files shall be presented in a         useable format via either an internal application or suggested third-party         application.         SPT-CA-25 If a cellular forensic tool completes acquisition of the target         device without error then stand-alone graphic files shall be presented in a         useable format via either an internal application or suggested third-party         application.         SPT-CA-26 If a cellular forensic tool completes acquisition of the target         device without error then stand-alone video files shall be presented in a         useable format via either an internal application or suggested third-party         application.         SPT-CA-28 If a cellular forensic tool completes acquisition of the target         device without error the Internet-related data (i.e., bookmarks, visited         format.         SPT-CA-29 If a cellular forensic tool provides the user with a         "Acquire All" device data objects without error.         SPT-CA-3	Assertions Tested	Tests	Anomaly
SPT-CA-23 If a cellular forensic tool completes acquisition of the target       1         device without error then MMS messages and associated video shall be       1         presented in a useable format.       1         SPT-CA-24 If a cellular forensic tool completes acquisition of the target       1         device without error then stand-alone audio files shall be presented in a       1         useable format via either an internal application or suggested third-party application.       1         SPT-CA-25 If a cellular forensic tool completes acquisition of the target       1         auseable format via either an internal application or suggested third-party application.       1         SPT-CA-26 If a cellular forensic tool completes acquisition of the target       1         device without error then stand-alone graphic files shall be presented in a       1         useable format via either an internal application or suggested third-party application.       1         SPT-CA-28 If a cellular forensic tool completes acquisition of the target       1         device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.       1         SPT-CA-30 If a cellular forensic tool provides the user with an "Xequire All" device data objects without error.       2         SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisit			
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		1	
	their native format.		

Assertions Tested	Tests	Anomaly
SPT-AO-43 If the cellular forensic tool supports hashing for individual		
data objects then the tool shall present the user with a hash value for	1	
each supported data object.		

#### Table 3f: Assertions Tested: (HTC Thunderbolt)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device then the tool shall successfully recognize the target	1	
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a		
nonsupported device then the tool shall notify the user that the device is	1	
not supported.		
SPT-CA-03 If connectivity between the mobile device and cellular		
forensic tool is disrupted then the tool shall notify the user that	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or	2	
generated report.		
SPT-CA-07 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries shall be presented in a	1	
useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target		
device without error then maximum length address book entries shall be	1	3.2
presented in a useable format.	1	5.2
SPT-CA-09 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing special	1	
characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target		
device without error then address book entries containing blank names	1	
shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target		
device without error then email addresses associated with address book	1	
	1	
entries shall be presented in a useable format.		
SPT-CA-12 If a cellular forensic tool completes acquisition of the target	1	2.0
device without error then graphics associated with address book entries	1	3.2
shall be presented in a useable format.		
SPT-CA-13 If a cellular forensic tool completes acquisition of the target	1	2.2
device without error then datebook, calendar, note entries shall be	1	3.2
presented in a useable format.		
SPT-CA-14 If a cellular forensic tool completes acquisition of the target	4	
device without error then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.		
SPT-CA-15 If a cellular forensic tool completes acquisition of the target	1	
device without error then call logs (incoming/outgoing/missed) shall be	-	

Assertions Tested	Tests	Anomaly
presented in a useable format.		
SPT-CA-16 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps and the	1	
duration of the call for call logs shall be presented in a useable format.		
SPT-CA-17 If a cellular forensic tool completes acquisition of the target		
device without error then ASCII text messages (i.e., SMS, EMS) shall	1	
be presented in a useable format.		
SPT-CA-18 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding date/time stamps for text	1	
messages shall be presented in a useable format.		
SPT-CA-19 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.		
SPT-CA-20 If a cellular forensic tool completes acquisition of the target		
device without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.		
SPT-CA-21 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated audio shall be	1	
presented in a useable format.		
SPT-CA-22 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated graphic files	1	
shall be presented in a useable format.	-	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target		
device without error then MMS messages and associated video shall be	1	
presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone audio files shall be presented in a		
useable format via either an internal application or suggested third-party	1	3.4
application.		
SPT-CA-25 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone graphic files shall be presented in		
a useable format via either an internal application or suggested third-	1	3.4
party application.		
SPT-CA-26 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone video files shall be presented in a		
useable format via either an internal application or suggested third-party	1	3.4
application.		
SPT-CA-28 If a cellular forensic tool completes acquisition of the target		
device without error then Internet-related data (i.e., bookmarks, visited		
sites) cached to the device shall be acquired and presented in a useable	1	
format.		
SPT-CA-29 If a cellular forensic tool provides the user with an		
"Acquire All" device data objects acquisition option then the tool shall	2	
complete the acquisition of all data objects without error.	2	
	2	
SPT-CA-30 If a cellular forensic tool provides the user with a "Select	Z	

Assertions Tested	Tests	Anomaly
All" individual device data objects then the tool shall complete the		
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability		
to "Select Individual" device data objects for acquisition then the tool	2	
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
acquisitions of the target device without error then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall present the acquired data in a	1	
useable format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall present the acquired data in a	1	
useable format in a preview-pane view.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters then the application should present address book entries in	1	
their native format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters then the application should present text messages in	1	
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual		
data objects then the tool shall present the user with a hash value for	1	
each supported data object.		

#### Table 3g: Assertions Tested: (Palm Pre 2)

Assertions Tested	Tests	Anomaly
SPT-CA-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).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.	1	
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in	1	

Assertions Tested	Tests	Anomaly
a useable format via either an internal application or suggested third-		
party application.		
SPT-CA-26 If a cellular forensic tool completes acquisition of the target		
device without error then stand-alone video files shall be presented in a	1	
useable format via either an internal application or suggested third-party	1	
application.		
SPT-CA-29 If a cellular forensic tool provides the user with an		
"Acquire All" device data objects acquisition option then the tool shall	2	
complete the acquisition of all data objects without error.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select		
All" individual device data objects then the tool shall complete the	2	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability		
to "Select Individual" device data objects for acquisition then the tool	2	
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
acquisitions of the target device without error then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall present the acquired data in a	1	
useable format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the target		
device without error then the tool shall present the acquired data in a	1	
useable format in a preview-pane view.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual		
data objects then the tool shall present the user with a hash value for	1	
each supported data object.		

Table 4a-4g list the assertions that were not tested, usually due to the tool not supporting an optional feature.

#### Table 4a: Assertions Not Tested (iPhone4 GSM)

Assertions Not Tested		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without		
error then subscriber-related information shall be presented in a useable format.		
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without		
error then equipment related information shall be presented in a useable format.		
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without		
error then device specific application related data shall be acquired and presented in a		
useable format via either an internal application or suggested third-party application.		
SPT-AO-27 If the case file or individual data objects are modified via third-party means		
then the tool shall provide protection mechanisms disallowing or reporting data		
modification.		

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target

device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

#### Table 4b: Assertions Not Tested (BlackBerry Torch)

Assertions Not Tested

SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.

SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.

SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

 Table 4c: Assertions Not Tested (Nokia 6350)

Assertions Not Tested
SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then
the tool shall notify the user that the device is not supported.
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is
disrupted then the tool shall notify the user that connectivity has been disrupted.
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without
error then subscriber-related information shall be presented in a useable format.
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without
error then equipment related information shall be presented in a useable format.
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without
error then address book entries shall be presented in a useable format.
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without
error then maximum length address book entries shall be presented in a useable format.
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without
error then address book entries containing special characters shall be presented in a
useable format.
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without
error then address book entries containing blank names shall be presented in a useable
format.
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without
error then email addresses associated with address book entries shall be presented in a
useable format.
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without
error then graphics associated with address book entries shall be presented in a useable
format.
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without
error then datebook, calendar, note entries shall be presented in a useable format.
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without
error then maximum length datebook, calendar, note entries shall be presented in a
useable format.
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without
error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding date/time stamps and the duration of the call for call logs
shall be presented in a useable format.
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without
error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding date/time stamps for text messages shall be presented in a
useable format.
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding status (i.e., read, unread) for text messages shall be
presented in a useable format.
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding sender / recipient phone numbers for text messages shall be
enter men me corresponding sender / recipient phone numbers for text messages shall be

presented in a useable format.

SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.

SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.

SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.

SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or

audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

#### Table 4d: Assertions Not Tested (Motorola Tundra)

Assertions Not Tested
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without
error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding date/time stamps and the duration of the call for call logs
shall be presented in a useable format.
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without
error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding date/time stamps for text messages shall be presented in a
useable format.
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding status (i.e., read, unread) for text messages shall be
presented in a useable format.
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without
error then the corresponding sender / recipient phone numbers for text messages shall be
presented in a useable format.
SDT CA 21 If a callular formatic to al completes acquisition of the target device without

SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.

SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.

SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall

be acquired and presented in a useable format.

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

#### Table 4e: Assertions Not Tested (iPhone4 CDMA)

Assertions Not Tested

SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.

SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without

error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).

SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.

SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.

SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.

SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.

SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.

SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.

SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.

SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.

SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.

SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.

SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.

SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.

SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.

SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.

SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.

SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without

error then deleted text messages that have not been overwritten shall be presented in a useable format.

SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.

SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

SPT-AO-23 If a cellular forensic tool provides the user with a "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.

SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.

SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.

SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or

audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

#### Table 4f: Assertions Not Tested (HTC Thunderbolt)

Assertions Not Tested
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without
error then subscriber-related information shall be presented in a useable format.
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without
error then equipment related information shall be presented in a useable format.
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without
error then device specific application related data shall be acquired and presented in a
useable format via either an internal application or suggested third-party application.
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM
then the tool shall successfully recognize the target SIM via all tool-supported interfaces
(e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the
tool shall notify the user that the SIM is not supported.
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool
shall notify the user that connectivity has been disrupted.
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without
error then the SPN shall be presented in a useable format.
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without
error then the ICCID shall be presented in a useable format.
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without
error then the IMSI shall be presented in a useable format.
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without
error then the MSISDN shall be presented in a useable format.
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without
error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable
format.
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without
error then maximum length ADNs shall be presented in a useable format.
SPT AO 10 If a callular foransic tool completes acquisition of the SIM without arror than

SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then

ADNs containing special characters shall be presented in a useable format.

SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.

SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.

SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.

SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.

SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.

SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.

SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.

SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.

SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

SPT-AO-23 If a cellular forensic tool provides the user with a "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.

SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.

SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.

SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number

of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

#### Table 4g: Assertions Not Tested (Palm Pre 2)

Assertions Not Tested		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without		
error then subscriber-related information shall be presented in a useable format.		
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without		
error then equipment related information shall be presented in a useable format.		
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without		
error then address book entries shall be presented in a useable format.		
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without		
error then maximum length address book entries shall be presented in a useable format.		

SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.

SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.

SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.

SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.

SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.

SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.

SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.

SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.

SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.

SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.

SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.

SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall

Assertions Not Tested be acquired and presented in a useable format.

SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).

SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.

SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.

SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.

SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.

SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.

SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.

SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.

SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.

SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.

SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.

SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.

SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.

SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.

SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.

SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.

SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a

useable format.

SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.

SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

SPT-AO-23 If a cellular forensic tool provides the user with a "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.

SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.

SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.

SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.

SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.

SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.

SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.

SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

The following sections provide detailed information for the anomalies from Tables 3a – 3g.

### 3.1 Device connectivity

For test case SPT-01, connectivity to the Nokia 6350 was not established using the supported interface. The following error was reported: "Programming error occurred."

# 3.2 Acquisition of Personal Information Management (PIM) data

For test case SPT-06, maximum length contacts (126 characters) were truncated for the iPhone4 GSM (60 characters reported), BlackBerry Torch (36 characters reported), iPhone4 CDMA (62 characters reported), and the HTC Thunderbolt (71 characters reported).

Regular length address book entries where only the first name field is populated on the Motorola Tundra is reported incorrectly. The first name e.g., "John" is reported as: "John John".

Graphic files associated with contact entries were not reported for the following devices: iPhone4 GSM, iPhone4 CDMA, HTC Thunderbolt.

Personal Information Management (PIM) data i.e., memos were not reported for the HTC Thunderbolt.

### 3.3 Acquisition of MMS messages

The textual portion of MMS messages were not reported for the BlackBerry Torch for test case SPT-09.

## 3.4 Acquisition of stand-alone files

Graphic, audio and video files were not acquired from the internal memory of the HTC Thunderbolt for test case SPT-10.

### 3.5 Acquisition of Internet-related data

For test case SPT-12, Internet-related data i.e., bookmarks, visited sites were not reported for the iPhone4 GSM and the iPhone4 CDMA.

### 3.6 Acquisition of subscriber-related information

For test case SPT-17, the Service Provider Name (SPN) was not reported for SIM acquisitions.

# 3.7 Acquisition of mobile device data containing non-ASCII characters

For test case SPT-33, contact entries made up of Latin letters with diacritical marks were not reported for the BlackBerry Torch.

Text messages containing entries made up of Chinese characters and Latin letters with diacritical marks are not displayed properly. The following text message: "The Chinese language (汉语/漢語 Hànyǔ; 华语/華語 Huáyǔ; 中文 Zhōngwén)" was reported as: "@T@h@e@ @C@h@i@n@e@s@e@ @l@a@n@g@u@a@g@e". Äęôūìí was reported as: @Ä @ô k@ì@í.

# 3.8 Acquisition of SIM data containing non-ASCII characters

For test case SPT-34, composite characters (i.e., 'é') were reported as '=='. Other non-ASCII characters were reported correctly.

# 4 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the testing environment including available computers, mobile devices and the data objects used to populate mobile devices and Subscriber Identity Modules.

# 4.1 Test Computers

One computer was used to run the tool: **Morrisy**. **Morrisy** has the following configuration:

Intel® D975XBX2 Motherboard BIOS Version BX97520J.86A.2674.2007.0315.1546 Intel® Core<sup>™</sup>2 Duo CPU 6700 @ 2.66Ghz 3.25 GB RAM

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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)

## 4.2 Mobile Devices

The following table lists the mobile devices used.

Make	Model	OS	Network
Apple iPhone	4	iOS v4.3.3 (8J2)	AT&T
BlackBerry	9800 (Torch)	BlackBerry v6.0.0.526	AT&T
Nokia	6350	V13.1709-12-10 RM-455	AT&T
Motorola	Tundra	R63715_U_71.01.82R	AT&T
Apple iPhone	4	iOS v5.0.1 (9A405)	Verizon
HTC	Thunderbolt	Android 2.2.1	Verizon
Palm	Pre 2	Palm OS	Verizon

#### Table 4.2 Mobile Devices

# 4.3 Internal memory data objects

The following data objects were used to populate the internal memory of the smart phones.

Data Objects	Data Elements
Address Book Entries	
	Regular Length
	Maximum Length
	Special Character
	Blank Name
	Regular Length, email
	Regular Length, graphic
	Deleted Entry
	Non-ASCII Entry
PIM Data	
	Regular Length
	Maximum Length
	Deleted Entry
	Special Character

#### Table 4.3 Internal memory data objects

Data Objects	Data Elements	
Call Logs		
	Incoming	
	Outgoing	
	Missed	
	Incoming - Deleted	
	Outgoing - Deleted	
	Missed - Deleted	
Text Messages		
	Incoming SMS - Read	
	Incoming SMS - Unread	
	Outgoing SMS	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Outgoing EMS	
	Incoming SMS - Deleted	
	Outgoing SMS - Deleted	
	Incoming EMS - Deleted	
	Outgoing EMS - Deleted	
	Non-ASCII EMS	
MMS Messages		
	Incoming Audio	
	Incoming Graphic	
	Incoming Video	
	Outgoing Audio	
	Outgoing Graphic	
	Outgoing Video	
Stand-alone data files		
	Audio	
	Graphic	
	Video	
	Audio - Deleted	
	Graphic - Deleted	
	Video - Deleted	
Application Data		
	Device Specific App Data	
Location Data		
	GPS Coordinates	

# 4.4 Subscriber Identity Module data objects

The following data objects were used to populate the subscriber identity modules.

Data Objects	Data Elements	
Abbreviated Dialing Numbers (ADN)		
	Maximum Length	
	Special Character	
	Blank Name	
	Non-ASCII Entry	
	Regular Length - Deleted Number	
Call Logs		
	Last Numbers Dialed (LND)	
Text Messages		
	Incoming SMS - Read	
	Incoming SMS - Unread	
	Non-ASCII SMS	
	Incoming SMS - Deleted	
	Non-ASCII EMS	
	Incoming EMS - Deleted	

Table 4.4 Subscriber Identity Module data objects

# 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 the **Log Highlights** box of the test report.

# 5.1 Test Results Report Key

The following table presents an explanation of each section of the test details in section 5.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights sections for each test case are populated by excerpts taken from the log files produced by the tool under test.

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from <i>Smart Phone Tool Test Assertion</i> and Test Plan.
Assertions:	The test assertions applicable to the test case, selected from <i>Smart Phone Tool Test Assertion and Test Plan.</i>
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.

Table 5 Test Results	<b>Report Key</b>
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Heading	Description
Device:	Source mobile device, SIM.
Source Setup:	Acquisition interface.
Log Highlights:	Information extracted from various log files to illustrate conformance or non-conformance 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

The test results are presented in this section.

# 5.2.1 SPT-01 (iPhone4 GSM)

Test	Case	SPT-01	SecureView3	v3.8.0

Test Case SPT	-01 SecureView3 v3.8.0	
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-suppor (e.g., cable, Bluetooth, IrDA).	ted interfaces
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for con- the target device then the tool shall successfully recognize device via all vendor supported interfaces (e.g., cable, Blue SPT-CA-04 If a cellular forensic tool completes acquisition o device without error then the tool shall have the ability to p acquired data objects in a useable format via either a preview generated report. SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option then the tool sha the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a individual device data objects then the tool shall complete to of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with a "Select Individual" device data object without error. SPT-CA-32 If a cellular forensic tool provides the user with acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecuti- acquisitions of the target device without error then the paylo objects) on the mobile device shall remain consistent.	the target tooth, IrDA). f the target present w-pane or an "Acquire ll complete a "Select All" ne acquisition the ability to the tool shall we logical
Tester	rpa	
Name:	Manual ma	
Test Host:	Morrisy	
Test Date: Device:	Wed Aug 1 13:04:06 EDT 2012 iPhone4 GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 1 13:04:06 EDT 2012 Acquisition finished: Wed Aug 1 13:04:46 EDT 2012 Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Test Case SPT	-01 SecureView3 v3.8.0
Analysis:	Expected results achieved

# 5.2.2 SPT-02 (iPhone4 GSM)

Test Case SPT	-02 SecureView3 v3.8.0	
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile devi	ice.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 1 13:29:20 EDT 2012	
Device:	unsupported_device	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 1 13:29:20 EDT 2012 Acquisition finished: Wed Aug 1 13:32:01 EDT 2012	
	Identification of nonsupported devices was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-02 Identification of nonsupported devices. as expected	
Analysis:	Expected results achieved	

### 5.2.3 SPT-03 (iPhone4 GSM)

Test Case SPT	-03 SecureView3 v3.8.0	
Case	SPT-03 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic	
	tool is disrupted then the tool shall notify the user that connectivity ha	ıs
	been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 1 13:59:20 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 1 13:59:20 EDT 2012	
	Acquisition finished: Wed Aug 1 14:02:00 EDT 2012	
	Device acquisition disruption notification was successful	
Results:		_
	Assertion & Expected Result Actual Result	
	SPT-CA-03 Notification of device acquisition disruption. as expected	
Analysis:	Expected results achieved	

# 5.2.4 SPT-04 (iPhone4 GSM)

Test Case SP1	T-04 SecureView3 v3.8.0	
Case Summary:	SPT-04 Acquire mobile device internal memory and review report the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 1 14:02:28 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 1 14:02:28 EDT 2012	
	Acquisition finished: Wed Aug 1 14:05:16 EDT 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.5 SPT-06 (iPhone4 GSM)

Test Case SPT	-06 SecureView3 v3.8.0
Case	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 1 14:06:10 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600

Setup:	Interface: cable	
secup:	Interface. Cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 1 14:06:10 EDT 2012 Acquisition finished: Wed Aug 1 14:22:38 EDT 2012	
	Regular Length Address Book entries were acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired	red
	Notes: Maximum length address book entries were truncated. 60 characted characters were reported.	cters out of
	Graphics files associated with address book entries were not	reported.
Poquita:		
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result SPT-CA-07 Acquisition of address book entries.	
Results:	-	Result
Results:	SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing	Result as expected Not as
Results:	SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a	Result as expected Not as expected
Results:	SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters.	Result as expected Not as expected as expected
Results:	SPT-CA-07 Acquisition of address book entries.         SPT-CA-08 Acquisition of maximum length address book entries.         SPT-CA-09 Acquisition of address book entries containing special characters.         SPT-CA-10 Acquisition of address book entries containing a blank name entry.         SPT-CA-11 Acquisition of embedded email addresses within	Result as expected Not as expected as expected as expected
Results:	SPT-CA-07 Acquisition of address book entries.         SPT-CA-08 Acquisition of maximum length address book entries.         SPT-CA-09 Acquisition of address book entries containing special characters.         SPT-CA-10 Acquisition of address book entries containing a blank name entry.         SPT-CA-11 Acquisition of embedded email addresses within address book entries.         SPT-CA-12 Acquisition of embedded graphics within address	Result as expected Not as expected as expected as expected as expected Not as
Results:	SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	Result as expected Not as expected as expected as expected Not as expected
Results:	SPT-CA-07 Acquisition of address book entries.         SPT-CA-08 Acquisition of maximum length address book entries.         SPT-CA-09 Acquisition of address book entries containing special characters.         SPT-CA-10 Acquisition of address book entries containing a blank name entry.         SPT-CA-11 Acquisition of embedded email addresses within address book entries.         SPT-CA-12 Acquisition of embedded graphics within address book entries.         SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Result as expected Not as expected as expected as expected as expected Not as expected as expected

# 5.2.6 SPT-07 (iPhone4 GSM)

Test Case SPT	-07 SecureView3 v3.8.0
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 1 14:29:58 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 1 14:29:58 EDT 2012 Acquisition finished: Wed Aug 1 14:31:06 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported

Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-15 Acquisition of call logs.	as expected
	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Analysis:	Expected results achieved	

### 5.2.7 SPT-08 (iPhone4 GSM)

Test Case SPT	-08 SecureView3 v3.8.0	
Case	SPT-08 Acquire mobile device internal memory and review repor	ted text
Summary:	messages.	
Assertions:	SPT-CA-20 If a cellular forensic tool completes acquisition o device without error then ASCII text messages (i.e., SMS, EMS presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition o device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition o device without error then the corresponding status (i.e., reac text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition o device without error then the corresponding sender / recipien numbers for text messages shall be presented in a useable form	) shall be f the target for text f the target d, unread) for f the target t phone
The set of a Mariana A		
Tester Name: Test Host:	rpa Morrisy	
	Wed Aug 1 14:32:40 EDT 2012	
Test Date: Device:	iPhone4 GSM	
Source	OS: WIN XP v5.1.2600 Interface: cable	
Setup:	Interlace. Cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 1 14:32:40 EDT 2012 Acquisition finished: Wed Aug 1 14:39:03 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text message	ges were
Results:		,,,,,,,
	Assertion & Expected Result	Actual Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number	as expected
	associated with text messages.	_
Analysis:	Expected results achieved	

### 5.2.8 SPT-09 (iPhone4 GSM)

Test Case SPT-09 SecureView3 v3.8.0	
Case	SPT-09 Acquire mobile device internal memory and review reported MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target
	device without error then MMS messages and associated audio shall be
	presented in a useable format.
	SPT-CA-22 If a cellular forensic tool completes acquisition of the target
	device without error then MMS messages and associated graphic files shall

Test Case SPT	-09 SecureView3 v3.8.0	
	be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisitidevice without error then MMS messages and associated vice presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 1 14:44:00 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 1 14:44:00 EDT 2012 Acquisition finished: Wed Aug 1 14:46:05 EDT 2012 ALL MMS messages (Image, Video) were acquired Audio attachements are not supported.	
Results:		-
	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	NA
	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected
	SPT-CA-23 Acquisition of video MMS messages.	as expected
Analysis:	Expected results achieved	

# 5.2.9 SPT-10 (iPhone4 GSM)

Test Case SPI	-10 SecureView3 v3.8.0		
Case	SPT-10 Acquire mobile device internal memory and revi	ew reported stand	1–
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Aug 3 13:19:48 EDT 2012		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Fri Aug 3 13:19:48 EDT 2012		
	Acquisition finished: Fri Aug 3 13:20:40 EDT 2012		
	ALL stand-alone data files (Image) were acquired		
	Audio and Video attachments are not supported.		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-24 Acquisition of stand-alone audio files.	NA	

Test Case SPT-10 SecureView3 v3.8.0			
	SPT-CA-25 Acquisition of stand-alone graphic files.	As expected	
	SPT-CA-26 Acquisition of stand-alone video files.	NA	
Analysis:	Expected results achieved		

# 5.2.10 SPT-12 (iPhone4 GSM)

Test Case SPT	-12 SecureView3 v3.8.0	
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet-related data (i.e., bookmarks, visited sites.	
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 13:24:36 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Fri Aug 3 13:24:36 EDT 2012	
	Acquisition finished: Fri Aug 3 13:25:29 EDT 2012	
	Internet-related data was not acquired	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-28 Acquisition of Internet-related data. Not as expected	
Analysis:	Expected results not achieved	

# 5.2.11 SPT-13 (iPhone4 GSM)

Test Case SPT-13 SecureView3 v3.8.0		
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 1 14:49:45 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 1 14:49:45 EDT 2012	
	Acquisition finished: Wed Aug 1 14:53:54 EDT 2012	
	Acquire All acquisition was successful	
	Select All acquisition was successful	
	Individual data element acquisition was successful	

Results:		
Results.	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected

## 5.2.12 SPT-14 (iPhone4 GSM)

Test Case SP	I-14 SecureView3 v3.8.0		
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).		
Assertions:	SPT-A0-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Aug 2 08:52:06 EDT 2012		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Thu Aug 2 08:52:06 EDT 2012		
	Acquisition finished: Thu Aug 2 08:54:27 EDT 2012		
	Media connectivity was established via supported inter	face	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

## 5.2.13 SPT-15 (iPhone4 GSM)

Test Case SPT-	-15 SecureView3 v3.8.0	
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.	
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 08:55:26 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 08:55:26 EDT 2012 Acquisition finished: Thu Aug 2 08:57:21 EDT 2012	
	Identification of nonsupported media was successful	
Results:		
	Assertion & Expected Result Actual Result	

Test Case SPT-	15 SecureView3 v3.8.0
	SPT-AO-02 Identification of nonsupported SIMs. as expected
Analysis:	Expected results achieved

## 5.2.14 SPT-16 (iPhone4 GSM)

	-16 SecureView3 v3.8.0	
Case	SPT-16 Begin SIM acquisition and interrupt connectivity by interface	
Summary:	disengagement.	
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 08:55:45 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Thu Aug 2 08:55:45 EDT 2012	
	Acquisition finished: Thu Aug 2 08:57:36 EDT 2012	
	Media acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-03 Notification of SIM acquisition disruption.	as expected
Analysis:	Expected results achieved	

## 5.2.15 SPT-17 (iPhone4 GSM)

Test Case SPT	-17 SecureView3 v3.8.0		
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).		
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Aug 2 08:58:07 EDT 2012		
Device:	iPhone4_GSM		
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 08:58:07 EDT 2012 Acquisition finished: Thu Aug 2 09:22:57 EDT 2012 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired		
Results:			

#### Test Case SPT-17 SecureView3 v3.8.0

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	Assertion & Expected Result	Actual Result
	SPT-AO-04 Acquisition of SPN.	Not as expected
	SPT-AO-05 Acquisition of ICCID.	as expected
	SPT-AO-06 Acquisition of IMSI.	as expected
	SPT-AO-07 Acquisition of MSISDN.	as expected
Analysis:	Partial results achieved	

#### 5.2.16 SPT-18 (iPhone4 GSM)

Case       SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers <ul> <li>(ADN).</li> </ul> Assertions:       SPT-A0-08 If a cellular forensic tool completes acquisition of the target         SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be         presented in a useable format.         SPT-A0-09 If a cellular forensic tool completes acquisition of the target         SIM without error then maximum length ADNs shall be presented in a useable         format.         SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM         without error then ADNs containing special characters shall be presented in a         useable format.         SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM         without error then ADNs containing blank names shall be presented in a         useable format.          Test Name:       rpa         Test Name:       rpa         Test Name:       rpa         Test Date:       Thu Aug 2 09:25:19 EDT 2012         Device:          Interface: USB       Created by SecureView3 v3.8.0         Acquisition started: Thu Aug 2 09:25:19 EDT 2012         Acquisition finished: Thu Aug 2 09:25:22 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         Acquisition of ADNs.         As expected         SPT-A0-08 Acquisition of ADNs.         As expected         SPT-A0-010 Acquisition of Maximum length ADNs.         As expected	Test Case SPT	-18 SecureView3 v3.8.0		
Assertions:       SPT-A0-08 If a cellular forensic tool completes acquisition of the target         SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be         presented in a useable format.         SPT-A0-09 If a cellular forensic tool completes acquisition of the target         SIM without error then maximum length ADNs shall be presented in a useable         format.         SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM         without error then ADNs containing special characters shall be presented in a useable format.         SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM         without error then ADNs containing special characters shall be presented in a useable format.         SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM         without error then ADNs containing blank names shall be presented in a useable format.         Test Name:       rpa         Test Host:       Morrisy         Test Date:       Thu Aug 2 09:25:19 EDT 2012         Device:       iPhone4_GSM         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:       Asertion & Expected Result       Actual Resu	Case	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers		
SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.       SPT-A0-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.         SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.         SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.         SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.         Test Host:       Morrisy         Test Host:       Morrisy         Test Host:       Inhone4_GSM         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Acquisition started: Thu Aug 2 09:26:22 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results: <ul> <li>Assertion &amp; Expected Result</li> <li>Actual Result</li> <li>SPT-A0-01 Acquisition of maximum length ADNs.</li> <li>as expected</li> <li>SPT-A0-11 Acquisition of blank name ADNs.</li> <li>as expected</li> <li>SPT-A0-11 Acquisition of blank name ADNs.</li> </ul>	Summary:	(ADN).		
presented in a useable format.SPT-A0-09 If a cellular forensic tool completes acquisition of the targetSIM without error then maximum length ADNs shall be presented in a useableformat.SPT-A0-10 If a cellular forensic tool completes acquisition of the SIMwithout error then ADNs containing special characters shall be presented in a useable format.SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.Test TarterrpaTest Host:MorrisyTest Date:Thu Aug 2 09:25:19 EDT 2012Device:iPhone4_GSMSourceOS: WIN XP v5.1.2600Setup:Interface: USBLogCreated by SecureView3 v3.8.0Acquisition started: Thu Aug 2 09:25:19 EDT 2012Acquisition finished: Thu Aug 2 09:26:22 EDT 2012All ADNs were acquiredResults:Assertion & Expected ResultSPT-A0-08 Acquisition of ADNs.as expectedSPT-A0-10 Acquisition of special character ADNs.As expectedSPT-A0-11 Acquisition of blank name ADNs.as expectedSPT-A0-11 Acquisition of blank name ADNs.	Assertions: SPT-AO-08 If a cellular forensic tool completes acquisition of the			
SPT-A0-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.Tester Name: Test Date:rpaTest Host:MorrisyTest Host:MorrisyDevice:iPhone4_GSMSource Setup:OS: WIN XP v5.1.2600Setup:Interface: USBLog Highlights:Created by SecureView3 v3.8.0 Acquisition finished: Thu Aug 2 09:25:19 EDT 2012 Acquisition finished: Thu Aug 2 09:26:22 EDT 2012 All ADNs were acquiredResults:Assertion & Expected Result SPT-A0-10 Acquisition of ADNs.Results:Assertion of maximum length ADNs. as expected SPT-A0-10 Acquisition of blank name ADNs.As expected SPT-A0-11 Acquisition of blank name ADNs.as expected		SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be		
SIM without error then maximum length ADNs shall be presented in a useable format.SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.Tester Name:rpaTest Host:MorrisyTest Date:Thhone4_GSMSourceOS: WIN XP v5.1.2600 Interface: USBLog Highlights:Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 09:25:19 EDT 2012 Acquisition finished: Thu Aug 2 09:26:22 EDT 2012 Acquisition finished: Thu Aug 2 09:26:20 EDT 2012 Acquisition finished: Thu Aug 2 09:26:20 EDT 2012 Acquisition finished: Thu Aug 2 09:26:20 EDT 2012 All ADNs were acquiredResults: <b>Assertion &amp; Expected Result</b> SPT-A0-09 Acquisition of ADNs. as expected SPT-A0-10 Acquisition of maximum length ADNs. as expected SPT-A0-11 Acquisition of blank name ADNs.				
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Test Host:MorrisyTest Date:Thu Aug 2 09:25:19 EDT 2012Device:iPhone4_GSMSourceOS: WIN XP v5.1.2600Setup:Interface: USBLogCreated by SecureView3 v3.8.0Acquisition started: Thu Aug 2 09:25:19 EDT 2012Acquisition finished: Thu Aug 2 09:26:22 EDT 2012All ADNs were acquiredResults:Assertion & Expected ResultSPT-A0-08 Acquisition of ADNs.SPT-A0-09 Acquisition of special character ADNs.SPT-A0-11 Acquisition of blank name ADNs.As expectedSPT-A0-11 Acquisition of blank name ADNs.				
Test Date:Thu Aug 2 09:25:19 EDT 2012Device:iPhone4_GSMSource Setup:OS: WIN XP v5.1.2600 Interface: USBLog Highlights:Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 09:25:19 EDT 2012 Acquisition finished: Thu Aug 2 09:26:22 EDT 2012 All ADNs were acquiredResults:Assertion & Expected Result SPT-A0-08 Acquisition of ADNs.As expected SPT-A0-10 Acquisition of special character ADNs.as expected as expectedSPT-A0-11 Acquisition of blank name ADNs.as expected				
Device:       iPhone4_GSM         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Acquisition started: Thu Aug 2 09:25:19 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:       Assertion & Expected Result       Actual Result         SPT-AO-08 Acquisition of ADNs.       as expected         SPT-AO-10 Acquisition of special character ADNs.       as expected         SPT-AO-11 Acquisition of blank name ADNs.       as expected	Test Host:			
Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Acquisition started: Thu Aug 2 09:25:19 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:         Assertion & Expected Result         Actual Result         SPT-AO-08 Acquisition of ADNs.         SPT-AO-10 Acquisition of special character ADNs.         SPT-AO-11 Acquisition of blank name ADNs.				
Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Highlights:       Acquisition started: Thu Aug 2 09:25:19 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:       Assertion & Expected Result       Actual Result         SPT-AO-08 Acquisition of ADNs.       as expected         SPT-AO-09 Acquisition of special character ADNs.       as expected         SPT-AO-11 Acquisition of blank name ADNs.       as expected		—		
Log       Created by SecureView3 v3.8.0         Highlights:       Acquisition started: Thu Aug 2 09:25:19 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:       Assertion & Expected Result         Assertion & Expected Result       Actual Result         SPT-AO-08 Acquisition of ADNs.       as expected         SPT-AO-09 Acquisition of maximum length ADNs.       as expected         SPT-AO-11 Acquisition of blank name ADNs.       as expected				
Highlights:       Acquisition started: Thu Aug 2 09:25:19 EDT 2012         Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:       Assertion & Expected Result         SPT-AO-08 Acquisition of ADNs.       as expected         SPT-AO-09 Acquisition of maximum length ADNs.       as expected         SPT-AO-10 Acquisition of special character ADNs.       as expected         SPT-AO-11 Acquisition of blank name ADNs.       as expected	Setup:	Interface: USB		
Acquisition finished: Thu Aug 2 09:26:22 EDT 2012         All ADNs were acquired         Results:       Assertion & Expected Result       Actual Result         SPT-AO-08 Acquisition of ADNs.       as expected         SPT-AO-09 Acquisition of maximum length ADNs.       as expected         SPT-AO-10 Acquisition of special character ADNs.       as expected         SPT-AO-11 Acquisition of blank name ADNs.       as expected	Log	Created by SecureView3 v3.8.0		
All ADNs were acquired         Results:       Assertion & Expected Result       Actual Result         SPT-AO-08 Acquisition of ADNs.       as expected         SPT-AO-09 Acquisition of maximum length ADNs.       as expected         SPT-AO-10 Acquisition of special character ADNs.       as expected         SPT-AO-11 Acquisition of blank name ADNs.       as expected	Highlights:	Acquisition started: Thu Aug 2 09:25:19 EDT 2012		
Results: Assertion & Expected Result SPT-AO-08 Acquisition of ADNs. SPT-AO-09 Acquisition of maximum length ADNs. SPT-AO-10 Acquisition of special character ADNs. SPT-AO-11 Acquisition of blank name ADNs. As expected SPT-AO-11 Acquisition of blank name ADNs.		Acquisition finished: Thu Aug 2 09:26:22 EDT 2012		
Results: Assertion & Expected Result SPT-AO-08 Acquisition of ADNs. SPT-AO-09 Acquisition of maximum length ADNs. SPT-AO-10 Acquisition of special character ADNs. SPT-AO-11 Acquisition of blank name ADNs. As expected SPT-AO-11 Acquisition of blank name ADNs.				
Assertion & Expected ResultActual ResultSPT-AO-08 Acquisition of ADNS.as expectedSPT-AO-09 Acquisition of maximum length ADNs.as expectedSPT-AO-10 Acquisition of special character ADNs.as expectedSPT-AO-11 Acquisition of blank name ADNs.as expected		All ADNs were acquired		
SPT-AO-08 Acquisition of ADNs.as expectedSPT-AO-09 Acquisition of maximum length ADNs.as expectedSPT-AO-10 Acquisition of special character ADNs.as expectedSPT-AO-11 Acquisition of blank name ADNs.as expected	Results:			
SPT-AO-09 Acquisition of maximum length ADNs.as expectedSPT-AO-10 Acquisition of special character ADNs.as expectedSPT-AO-11 Acquisition of blank name ADNs.as expected		Assertion & Expected Result	Actual Result	
SPT-AO-10 Acquisition of special character ADNs. as expected SPT-AO-11 Acquisition of blank name ADNs. as expected		-		
SPT-AO-11 Acquisition of blank name ADNs. as expected				
		· · · ·	÷	
Analysis: Expected results achieved		SPT-AO-11 Acquisition of blank name ADNs.	as expected	
Analysis: Expected results achieved				
	Analysis:	Expected results achieved		

## 5.2.17 SPT-19 (iPhone4 GSM)

Test Case SPT	-19 SecureView3 v3.8.0
Case	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Summary:	
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy

February 2013

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Test Case SPI	-19 SecureView3 v3.8.0	
Test Date:	Thu Aug 2 09:26:46 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 09:26:46 EDT 2012 Acquisition finished: Thu Aug 2 09:29:09 EDT 201 LNDs were acquired Date/Time Stamps correctly reported for LNDs	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-12 Acquisition of LNDs.	as expected
	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Analysis:	Expected results achieved	

## 5.2.18 SPT-20 (iPhone4 GSM)

Test Case SPT	-20 SecureView3 v3.8.0	
Case	SPT-20 Acquire SIM memory and review reported text messages	(SMS, EMS).
Summary:		
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 10:00:39 EDT 2012	
Device:	iPhone4 GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 10:00:39 EDT 2012 Acquisition finished: Thu Aug 2 10:06:32 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-15 Acquisition of EMS messages.	as expected
	SPT-AO-16 Acquisition of text messages.	as expected
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-A0-18 Acquisition of sender/recipient phone number	as expected

Test Case SPT	-20 SecureView3 v3.8.0
Analysis:	Expected results achieved

## 5.2.19 SPT-21 (iPhone4 GSM)

Test Case Com	-21 SecureView3 v3.8.0	
Case		out moggogog
	SPT-21 Acquire SIM memory and review recoverable deleted t	Lext messages
Summary: Assertions:	(SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisit	-
	SIM without error then deleted text messages that have not	t been overwritter
	shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 10:08:38 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Thu Aug 2 10:08:38 EDT 2012	
	Acquisition finished: Thu Aug 2 10:28:14 EDT 2012	
	Deleted text message data was recovered	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-19 Acquisition of non-overwritten deleted text	as expected
	messages.	
Analysis:	Expected results achieved	

## 5.2.20 SPT-22 (iPhone4 GSM)

Test Case SPI	-22 SecureView3 v3.8.0	
Case	SPT-22 Acquire SIM memory and review reported lo	cation related data (i.e.,
Summary:	LOCI, GPRSLOCI).	
Assertions:	SPT-AO-20 If a cellular forensic tool completes SIM without error then location related data (i. presented in a useable format. SPT-AO-21 If a cellular forensic tool completes SIM without error then location related data (i. presented in a useable format.	e., LOCI) shall be acquisition of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 10:30:20 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Thu Aug 2 10:30:20 EDT 2012	
	Acquisition finished: Thu Aug 2 10:31:41 EDT 201	2
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected

Test Case SPT-	-22 SecureView3 v3.8.0
	SPT-AO-21 Acquisition of GPRSLOCI information. as expected
Analysis:	Expected results achieved

## 5.2.21 SPT-23 (iPhone4 GSM)

Test Case SPI	T-23 SecureView3 v3.8.0	
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of elements.	supported data
Assertions:	SPT-A0-01 If a cellular forensic tool provides support the target SIM then the tool shall successfully recogni via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself). SPT-A0-22 If a cellular forensic tool provides the user All" SIM data objects acquisition option then the tool acquisition of all data objects without error. SPT-A0-23 If a cellular forensic tool provides the user All" individual SIM data objects then the tool shall co acquisition of all individually selected data objects w SPT-A0-24 If a cellular forensic tool provides the user "Select Individual" SIM data objects for acquisition th acquire each exclusive data object without error.	ze the target SIM proprietary reader, with an "Acquire shall complete the with an "Select mplete the ithout error. with the ability to
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 10:32:04 EDT 2012	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 10:32:04 EDT 2012 Acquisition finished: Thu Aug 2 10:34:44 EDT 2012 Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result SPT-AO-01 SIM connectivity via supported interfaces. SPT-AO-22 Acquire-All data objects acquisition. SPT-AO-23 Select-All data objects acquisition. SPT-AO-24 Select-Individual data objects acquisition.	Actual Result as expected as expected as expected as expected
Analysis:	Expected results achieved	

## 5.2.22 SPT-24 (iPhone4 GSM)

Test Case SPT	-24 SecureView3 v3.8.0
Case	SPT-24 Acquire mobile device internal memory and review reported data via
Summary:	supported generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Aug 2 12:31:08 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable

Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Thu Aug 2 12:31:08 EDT 2012	
	Acquisition finished: Thu Aug 2 12:39:27 EDT 2012	
	Complete representation of known data via generated report	s was successful
Results:		
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result SPT-AO-25 Comparison of known device data elements via generated reports.	
Results: Analysis:	SPT-AO-25 Comparison of known device data elements via	Result

## 5.2.23 SPT-25 (iPhone4 GSM)

Case	SPT-25 Acquire mobile device internal memory and review rep	oortod data wia
	the preview pane.	porteu uata via
Summary: Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquir useable format in a preview-pane view.	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 12:31:30 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 12:31:30 EDT 2012 Acquisition finished: Thu Aug 2 12:39:43 EDT 2012 Complete representation of known data via preview-pane was	successful
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.24 SPT-26 (iPhone4 GSM)

Test Case SPT	-26 SecureView3 v3.8.0
Case	SPT-26 Acquire SIM memory and review reported data via supported generated
Summary:	report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Aug 2 12:40:47 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Thu Aug 2 12:40:47 EDT 2012
	Acquisition finished: Thu Aug 2 13:11:10 EDT 2012

Test Case SI	PT-26 SecureView3 v3.8.0	
	Complete representation of known data via generated reports	s was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-A0-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

## 5.2.25 SPT-27 (iPhone4 GSM)

Test Case SPT	-27 SecureView3 v3.8.0	
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the	preview-pane.
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition without error then the tool shall present the acquired data format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 12:41:03 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 12:41:03 EDT 2012 Acquisition finished: Thu Aug 2 13:11:33 EDT 2012 Complete representation of known data via preview-pane was	successful
Results:		-
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.26 SPT-28 (iPhone4 GSM)

Test Case SPT-	28 SecureView3 v3.8.0
Case	SPT-28 Attempt acquisition of a password-protected SIM.
Summary:	
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Aug 2 13:29:23 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Thu Aug 2 13:29:23 EDT 2012
	Acquisition finished: Thu Aug 2 13:42:21 EDT 2012
	Ability to enter PIN on protected media before acquisition was successful

Test Case SPT-	28 SecureView3 v3.8.0	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-28 Acquisition of password-protected SIM.	as expected
Analysis:	Expected results achieved	

## 5.2.27 SPT-33 (iPhone4 GSM)

Test Case SPT	-33 SecureView3 v3.8.0	
Case	SPT-33 Acquire mobile device internal memory and review dat	a containing
Summary:	non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of characters then the application should present address book their native format. SPT-AO-41 If the cellular forensic tool supports proper dis ASCII characters then the application should present text m native format.	c entries in splay of non-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 14:02:15 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 14:02:15 EDT 2012 Acquisition finished: Thu Aug 2 14:09:26 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.28 SPT-34 (iPhone4 GSM)

Test Case SPT	-34 SecureView3 v3.8.0
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Aug 2 14:15:36 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Thu Aug 2 14:15:36 EDT 2012 Acquisition finished: Thu Aug 2 14:17:38 EDT 2012

Test Case SPT	-34 SecureView3 v3.8.0	
	Non-ASCII ADNs were acquired but not properly displayed	lanad
	Non-ASCII text messages were acquired and properly disp: Notes: The character é was reported as ==	Layed
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	Not as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.29 SPT-35 (iPhone4 GSM)

Test Case SPT	-35 SecureView3 v3.8.0	
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 13:43:01 EDT 2012	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 13:43:01 EDT 2012 Acquisition finished: Thu Aug 2 13:44:55 EDT 2012 The remaining number of PIN attempts were properly displayed	
Results:		<u>.                                    </u>
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

## 5.2.30 SPT-36 (iPhone4 GSM)

Test Case SPT	-36 SecureView3 v3.8.0
Case	SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to
Summary:	determine if the tool provides an accurate count of the remaining number of
	PUK attempts and if the PUK attempts are decremented when entering an
	incorrect value.
Assertions:	SPT-AO-30 If a cellular forensic tool provides the examiner with the
	remaining number of PUK attempts then the application should provide an
	accurate count of the remaining PUK attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Aug 2 13:43:18 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0

Test Case SP	-36 SecureView3 v3.8.0	
Highlights:	Acquisition started: Thu Aug 2 13:43:18 EDT 2012	
	Acquisition finished: Thu Aug 2 13:45:10 EDT 2012	
	Remaining number of PUK attempts were properly displa	yed
Results:		
	Assertion & Expected Result	Actual Result
		noodde noodeo
	SPT-AO-30 Display remaining number of PUK attempts.	as expected

## 5.2.31 SPT-38 (iPhone4 GSM)

Test Case SPT	-38 SecureView3 v3.8.0	
Case	SPT-38 Acquire mobile device internal memory and review h	ash values for
Summary:	vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing data objects then the tool shall present the user with a each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 13:45:52 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Thu Aug 2 13:45:52 EDT 2012 Acquisition finished: Thu Aug 2 13:47:50 EDT 2012 Hash values were properly reported for individually acqui elements	red device data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

#### 5.2.32 SPT-39 (iPhone4 GSM)

Test Case SPT-	Test Case SPT-39 SecureView3 v3.8.0	
Case	SPT-39 Acquire SIM memory and review hash values for vendor supported data	
Summary:	objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual	
	data objects then the tool shall present the user with a hash value for	
	each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Aug 2 13:46:14 EDT 2012	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Thu Aug 2 13:46:14 EDT 2012	
	Acquisition finished: Thu Aug 2 13:48:03 EDT 2012	
	Hash values were properly reported for individually acquired SIM data	

Test Case SI	PT-39 SecureView3 v3.8.0	
	elements	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

# 5.2.33 SPT-01 (BlackBerry Torch)

Test Case SPI	-01 SecureView3 v3.8.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	ed interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for conthe target device then the tool shall successfully recognize a device via all vendor supported interfaces (e.g., cable, Bluer SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to p acquired data objects in a useable format via either a preview generated report. SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option then the tool shall have the ability to p acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a individual device data objects then the tool shall complete th of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with a "Select Individual" device data objects for acquisition then acquise each exclusive data object without error. SPT-CA-32 If a cellular forensic tool provides the user with a "select Individual" device data objects for acquisition then acquise each exclusive data object without error.	the target tooth, IrDA). The target present v-pane or an "Acquire complete a "Select All" he acquisition the ability to the tool shall ve logical
	objects) on the mobile device shall remain consistent.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Aug 6 08:10:23 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 08:10:23 EDT 2012 Acquisition finished: Mon Aug 6 08:11:57 EDT 2012	
	Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition. SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
	parton for modifications.	I

## 5.2.34 SPT-02 (BlackBerry Torch)

Test Case SPT	-02 SecureView3 v3.8.0	
Case Summary:	SPT-02 Attempt internal memory acquisition of a non	supported mobile device
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 08:12:20 EDT 2012	
Device:	unsupported_device	
Source	ource OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 08:12:20 EDT 2012	
	Acquisition finished: Mon Aug 6 08:13:36 EDT 2012	
	Identification of nonsupported devices was successf	ul
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-02 Identification of nonsupported devices.	as expected
Analysis:	Expected results achieved	

#### 5.2.35 SPT-03 (BlackBerry Torch)

Test Case SPT	-03 SecureView3 v3.8.0
Case	SPT-03 Begin mobile device internal memory acquisition and interrupt
Summary:	connectivity by interface disengagement.
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	гра
Test Host:	Morrisy
Test Date:	Mon Aug 6 08:36:56 EDT 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Mon Aug 6 08:36:56 EDT 2012
	Acquisition finished: Mon Aug 6 08:38:49 EDT 2012
	Device acquisition disruption notification was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-03 Notification of device acquisition disruption. as expected
Analysis:	Expected results achieved

#### 5.2.36 SPT-04 (BlackBerry Torch)

Test Case SPT	Test Case SPT-04 SecureView3 v3.8.0		
Case	SPT-04 Acquire mobile device internal memory and review reported data via		
Summary:	the preview-pane or generated reports for readability.		
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target		

Test Case SPT	-04 SecureView3 v3.8.0	
	device without error then the tool shall have the ability to acquired data objects in a useable format via either a previe generated report.	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 08:39:40 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 08:39:40 EDT 2012 Acquisition finished: Mon Aug 6 08:54:41 EDT 2012 Readability and completeness of acquired data was successful	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

## 5.2.37 SPT-06 (BlackBerry Torch)

Test Case SPT	-06 SecureView3 v3.8.0
Case	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Aug 6 09:43:13 EDT 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Mon Aug 6 09:43:13 EDT 2012
	Acquisition finished: Mon Aug 6 09:44:48 EDT 2012

Test Case SPT	-06 SecureView3 v3.8.0	
	Regular Length Address Book entries were acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired - NA Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired ALL PIM related data was acquired Notes: Maximum length address book entries were truncated. 36 characters were reported.	cters out of
	Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address	Actual Result as expected Not as expected as expected NA as expected as expected
	book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes). SPT-CA-14 Acquisition of maximum length PIM data.	as expected as expected
Analysis:	Partial results achieved	

## 5.2.38 SPT-07 (BlackBerry Torch)

Case	SPT-07 Acquire mobile device internal memory and review reported call logs.		
Summary:			
Assertions:	SPT-CA-15 If a cellular forensic tool completes acqui device without error then call logs (incoming/outgoin presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acqui device without error then the corresponding date/time duration of the call for call logs shall be presented	g/missed) shall be sition of the target stamps and the	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 6 10:16:55 EDT 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Mon Aug 6 10:16:55 EDT 2012		
	Acquisition finished: Mon Aug 6 10:41:23 EDT 2012		
	All Call Logs (incoming, outgoing, missed) were acqui	red	
	All Call Log date/time stamps data were correctly rep		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-15 Acquisition of call logs.	as expected	
	SPT-CA-16 Acquisition of call log date/time stamps.	as expected	

Test Case SPT-07 SecureView3 v3.8.0Analysis:Expected results achieved

5.2.39 SPT-08 (BlackBerry Torch)

Test Case SPT	-08 SecureView3 v3.8.0	
Case	SPT-08 Acquire mobile device internal memory and review repor	ted text
Summary:	messages.	
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of device without error then ASCII text messages (i.e., SMS, EMS presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of device without error then the corresponding status (i.e., rea text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of device without error then the corresponding status (i.e., rea text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of device without error then the corresponding sender / recipien numbers for text messages shall be presented in a useable for	s) shall be of the target for text of the target ad, unread) for of the target at phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 12:36:46 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
beeup		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 12:36:46 EDT 2012 Acquisition finished: Mon Aug 6 12:41:00 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messa correctly reported	ges were
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number	as expected
	associated with text messages.	
Analysis:	Expected results achieved	

#### 5.2.40 SPT-09 (BlackBerry Torch)

Test Case SPT	-09 SecureView3 v3.8.0	
Case	SPT-09 Acquire mobile device internal memory and review reported MMS multi-	
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated yide shall be presented in a useable format.	
Tester Name:	rpa	

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Test Host:	Morrisy	
Test Date:	Mon Aug 6 12:50:01 EDT 2012	
Device:	BlackBerry Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 12:50:01 EDT 2012 Acquisition finished: Mon Aug 6 12:55:28 EDT 2012 The textual portion of Audio MMS messages were not acc The textual portion of Image MMS messages were not acc	quired
	The textual portion of Video MMS messages were not acquired. <u>Notes</u> : The textual portion of MMS messages were not acquired. attached audio, graphics, and video are not supported.	. Acquisition of
Results:	Notes: The textual portion of MMS messages were not acquired. attached audio, graphics, and video are not supported.	Acquisition of
Results:	Notes: The textual portion of MMS messages were not acquired.	. Acquisition of
Results:	Notes: The textual portion of MMS messages were not acquired. attached audio, graphics, and video are not supported. Assertion & Expected Result	Acquisition of Actual Result Not as
Results:	Notes: The textual portion of MMS messages were not acquired. attached audio, graphics, and video are not supported. Assertion & Expected Result SPT-CA-21 Acquisition of audio MMS messages.	Acquisition of Actual Result Not as expected

## 5.2.41 SPT-12 (BlackBerry Torch)

Test Case SPI	I-12 SecureView3 v3.8.0		
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet-related data (i.e., bookmarks, visited sites.		
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 6 12:58:04 EDT 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 12:58:04 EDT 2012 Acquisition finished: Mon Aug 6 13:22:17 EDT 2012 All Internet-related data was acquired		
Results:		expected	
Analysis:	Expected results achieved		

## 5.2.42 SPT-13 (BlackBerry Torch)

Test Case SPT	-13 SecureView3 v3.8.0
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of
Summary:	supported data elements.

Test Case SPT	-13 SecureView3 v3.8.0	
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user All" device data objects acquisition option then the to the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user All" individual device data objects then the tool shall acquisition of all individually selected data objects w SPT-CA-31 If a cellular forensic tool provides the user "Select Individual" device data objects for acquisition acquire each exclusive data object without error.	ol shall complete with an "Select complete the ithout error. with the ability to
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 13:23:10 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 13:23:10 EDT 2012	
	Acquisition finished: Mon Aug 6 13:25:56 EDT 2012	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Analysis:	Expected results achieved	

## 5.2.43 SPT-14 (BlackBerry Torch)

Test Case SPI	-14 SecureView3 v3.8.0	
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e	.g., PC/SC reader).
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 13:32:06 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 13:32:06 EDT 2012 Acquisition finished: Mon Aug 6 13:34:39 EDT 2012 Media connectivity was established via supported inter	face
Results:		<u>.                                    </u>
	Assertion & Expected Result	Actual Result
	SPT-A0-01 SIM connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

#### 5.2.44 SPT-15 (BlackBerry Torch)

Test Case SPT-15 SecureView3 v3.8.0

Test Case SPT-	-15 SecureView3 v3.8.0		
Case	SPT-15 Attempt acquisition of a nonsupported SIM.		
Summary:			
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 6 13:36:42 EDT 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Mon Aug 6 13:36:42 EDT 2012		
	Acquisition finished: Mon Aug 6 13:37:59 EDT 2012		
	Identification of nonsupported media was successful		
Results:			
		ctual Result	
	SPT-AO-02 Identification of nonsupported SIMs. as	expected	
Analysis:	Expected results achieved		

## 5.2.45 SPT-16 (BlackBerry Torch)

Test Case SPT	-16 SecureView3 v3.8.0	
Case	SPT-16 Begin SIM acquisition and interrupt connectivity by interface	
Summary:	disengagement.	
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 13:40:29 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 13:40:29 EDT 2012	
	Acquisition finished: Mon Aug 6 13:42:05 EDT 2012	
	Media acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-03 Notification of SIM acquisition disruption. as expected	
Analysis:	Expected results achieved	

## 5.2.46 SPT-17 (BlackBerry Torch)

Test Case SPT-17 SecureView3 v3.8.0		
Case	SPT-17 Acquire SIM memory and review reported subscriber and equipment	
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target	

Test Case SPT	-17 SecureView3 v3.8.0		
	SIM without error then the IMSI sh. SPT-AO-07 If a cellular forensic to SIM without error then the MSISDN	ool completes acqu	isition of the target
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 6 13:42:48 EDT 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 13: Acquisition finished: Mon Aug 6 13 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-04 Acquisition of SPN.	Not as expected	
	SPT-AO-05 Acquisition of ICCID.	as expected	
	SPT-AO-06 Acquisition of IMSI.	as expected	
	SPT-AO-07 Acquisition of MSISDN.	as expected	
Analysis:	Partial results achieved		

## 5.2.47 SPT-18 (BlackBerry Torch)

Test Case SPT	-18 SecureView3 v3.8.0	
Case	SPT-18 Acquire SIM memory and review reported Abbr	eviated Dialing Numbers
Summary:	(ADN).	
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 13:44:55 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0	
HIGHIIGHUS.	Acquisition started: Mon Aug 6 13:44:55 EDT 2012 Acquisition finished: Mon Aug 6 14:07:46 EDT 2012 All ADNs were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-08 Acquisition of ADNs.	as expected
	SPT-AO-09 Acquisition of maximum length ADNs.	as expected
	SPT-AO-10 Acquisition of special character ADNs.	as expected

Test Case SPT-18 SecureView3 v3.8.0			
	SPT-AO-11 Acquisition of blank name ADNs.	as expected	
Analysis:	Expected results achieved		

## 5.2.48 SPT-19 (BlackBerry Torch)

Test Case SPI	-19 SecureView3 v3.8.0	
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).	
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:08:34 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 14:08:34 EDT 2012	
	Acquisition finished: Mon Aug 6 14:10:26 EDT 2012	
	LNDs were acquired	
	Date/Time Stamps correctly reported for LNDs	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-12 Acquisition of LNDs.	as expected
	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Analysis:	Expected results achieved	

## 5.2.49 SPT-20 (BlackBerry Torch)

Test Case SPT	-20 SecureView3 v3.8.0
Case	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Summary:	
Assertions:	<pre>SPT-A0-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT-A0-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT-A0-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-A0-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-A0-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</pre>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Aug 6 14:10:47 EDT 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600

Test Case SP	-	
Setup:	Interface: USB	
-		
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 14:10:47 EDT 2012	
	Acquisition finished: Mon Aug 6 14:13:13 EDT 2012	
	ALL text messages (SMS, EMS) were acquired	
	All date/time stamps were reported for text messages	
	Correct status flags were reported for text messages	
	Sender and Recipient phone numbers associated with text mes	sages were
		-
	correctly reported	
	correctly reported	
Results:	correctly reported	
Results:	Assertion & Expected Result	Actual
Results:		Actual Result
Results:		
Results:	Assertion & Expected Result	Result
Results:	Assertion & Expected Result SPT-AO-14 Acquisition of SMS messages.	Result       as expected
Results:	Assertion & Expected Result SPT-AO-14 Acquisition of SMS messages. SPT-AO-15 Acquisition of EMS messages.	Result       as expected       as expected
Results:	Assertion & Expected Result SPT-AO-14 Acquisition of SMS messages. SPT-AO-15 Acquisition of EMS messages. SPT-AO-16 Acquisition of text message date/time stamps.	Resultas expectedas expectedas expected
Results:	Assertion & Expected Result SPT-AO-14 Acquisition of SMS messages. SPT-AO-15 Acquisition of EMS messages. SPT-AO-16 Acquisition of text message date/time stamps. SPT-AO-17 Acquisition of text message status flags.	Result       as expected       as expected       as expected       as expected       as expected
Results:	Assertion & Expected ResultSPT-AO-14 Acquisition of SMS messages.SPT-AO-15 Acquisition of EMS messages.SPT-AO-16 Acquisition of text message date/time stamps.SPT-AO-17 Acquisition of text message status flags.SPT-AO-18 Acquisition of sender/recipient phone number	Result       as expected       as expected       as expected       as expected       as expected
Results:	Assertion & Expected ResultSPT-AO-14 Acquisition of SMS messages.SPT-AO-15 Acquisition of EMS messages.SPT-AO-16 Acquisition of text message date/time stamps.SPT-AO-17 Acquisition of text message status flags.SPT-AO-18 Acquisition of sender/recipient phone number	Result       as expected       as expected       as expected       as expected       as expected

## 5.2.50 SPT-21 (BlackBerry Torch)

Case	SPT-21 Acquire SIM memory and review recoverable deleted t	ext messages
Summary:	(SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:13:54 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:13:54 EDT 2012 Acquisition finished: Mon Aug 6 14:15:53 EDT 2012 Deleted text message data was recovered	
Results:		
RESULLS.	Assertion & Expected Result	Actual Result
	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Analysis:	Expected results achieved	

#### 5.2.51 SPT-22 (BlackBerry Torch)

Test Case SPT-22 SecureView3 v3.8.0		
Case	SPT-22 Acquire SIM memory and review reported location related data (i.e.,	
Summary:	LOCI, GPRSLOCI).	
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target	

Test Case SPT	-22 SecureView3 v3.8.0	
	SIM without error then location related data (i.e presented in a useable format.	e., GRPSLOCI) shall be
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:16:11 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:16:11 EDT 2012 Acquisition finished: Mon Aug 6 14:18:00 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Analysis:	Expected results achieved	

## 5.2.52 SPT-23 (BlackBerry Torch)

Summary: Assertions:	the target SIM then the tool shall successfully recognizing via all tool-supported interfaces (e.g., PC/SC reader, present phone itself). SPT-AO-22 If a cellular forensic tool provides the user All" SIM data objects acquisition option then the tool statement of tool	for connectivity of ze the target SIM proprietary reader, with an "Acquire
Assertions:	SPT-A0-01 If a cellular forensic tool provides support to the target SIM then the tool shall successfully recogniz via all tool-supported interfaces (e.g., PC/SC reader, p smart phone itself). SPT-A0-22 If a cellular forensic tool provides the user All" SIM data objects acquisition option then the tool s	ze the target SIM proprietary reader, with an "Acquire
	the target SIM then the tool shall successfully recognizing via all tool-supported interfaces (e.g., PC/SC reader, present phone itself). SPT-AO-22 If a cellular forensic tool provides the user All" SIM data objects acquisition option then the tool statement of tool	ze the target SIM proprietary reader, with an "Acquire
	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader,	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:18:23 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:		
	Acquisition finished: Mon Aug 6 14:20:09 EDT 2012	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
	SPT-A0-22 Acquire-All data objects acquisition.	as expected
	SPT-AO-23 Select-All data objects acquisition.	as expected
	SPT-AO-24 Select-Individual data objects acquisition.	as expected

Test Case SPT	-23 SecureView3 v3.8.0
Analysis:	Expected results achieved

## 5.2.53 SPT-24 (BlackBerry Torch)

Test Case SPT	-24 SecureView3 v3.8.0	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:20:41 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:20:41 EDT 2012 Acquisition finished: Mon Aug 6 14:22:58 EDT 2012 Complete representation of known data via generated reports was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

## 5.2.54 SPT-25 (BlackBerry Torch)

Test Case SPT	-25 SecureView3 v3.8.0	
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:21:05 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:21:05 EDT 2012 Acquisition finished: Mon Aug 6 14:23:07 EDT 2012 Complete representation of known data via preview-pane was successful	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.55 SPT-26 (BlackBerry Torch)

Test Case SPT	-26 SecureView3 v3.8.0	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:23:31 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:23:31 EDT 2012 Acquisition finished: Mon Aug 6 14:25:04 EDT 2012 Complete representation of known data via generated reports was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

#### 5.2.56 SPT-27 (BlackBerry Torch)

Test Case SPT	-27 SecureView3 v3.8.0	
Case	SPT-27 Acquire SIM memory and review reported data via the preview-pane.	
Summary:		
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition without error then the tool shall present the acquired data	
	format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:23:45 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 14:23:45 EDT 2012	
	Acquisition finished: Mon Aug 6 14:25:30 EDT 2012	
	Complete representation of known data via preview-pane was succe	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via	as expected
	preview-pane.	
Analysis:	Expected results achieved	

## 5.2.57 SPT-28 (BlackBerry Torch)

Test Case SPT-	-28 SecureView3 v3.8.0
Case	SPT-28 Attempt acquisition of a password-protected SIM.

Summary:		
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic too shall provide the examiner with the opportunity to input the PIN before acquisition.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:25:56 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 14:25:56 EDT 2012	
	Acquisition finished: Mon Aug 6 14:27:48 EDT 2012	
	Ability to enter PIN on protected media before acq	uisition was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-28 Acquisition of password-protected SIM.	as expected
Analysis:	Expected results achieved	

## 5.2.58 SPT-33 (BlackBerry Torch)

Test Case SPT	-33 SecureView3 v3.8.0	
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non- ASCII characters then the application should present text messages in their native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:28:18 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0         Acquisition started: Mon Aug 6 14:28:18 EDT 2012         Acquisition finished: Mon Aug 6 14:30:08 EDT 2012         Non-ASCII Address book entries were not acquired         Non-ASCII text messages were not acquired         Notes:         Contact entries made up of Latin letters with diacritical marks were nor reported.         Text messages containing entries made up of Chinese characters and Latin letters with diacritical marks are not displayed properly.	
Results:	Assertion & Expected Result SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. SPT-AO-41 Acquisition of non-ASCII text messages.	Actual ResultNot asexpectedNot asexpected

Test Case SPT	-33 SecureView3 v3.8.0
Analysis:	Expected results not achieved

## 5.2.59 SPT-34 (BlackBerry Torch)

Test Case SPT	-34 SecureView3 v3.8.0	
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:28:35 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:28:35 EDT 2012 Acquisition finished: Mon Aug 6 14:43:02 EDT 2012 Non-ASCII ADNs were acquired but not properly displayed Non-ASCII text messages were acquired and properly displayed <b>Notes:</b> The character é was reported as ==	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book	Not as
	entries/ADNs.	expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Partial results achieved	

## 5.2.60 SPT-35 (BlackBerry Torch)

Test Case SPT	-35 SecureView3 v3.8.0		
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.		
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 6 14:45:59 EDT 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:45:59 EDT 2012 Acquisition finished: Mon Aug 6 14:48:57 EDT 2012		
	The remaining number of PIN attempts were properly displayed		
Results:		<u>.</u>	
	Assertion & Expected Result	Actual Result	
	SPT-AO-29 Display remaining number of PIN attempts.	as expected	

Test Case SPT-35 SecureView3 v3.8.0		
Analysis:	Expected results achieved	
AHALYSIS.	Expected results achieved	

## 5.2.61 SPT-36 (BlackBerry Torch)

Test Case SPT	-36 SecureView3 v3.8.0	
Case Summary: Assertions:	SPT-36 Begin acquisition on a SIM whose PIN attempts determine if the tool provides an accurate count of t PUK attempts and if the PUK attempts are decremented incorrect value. SPT-AO-30 If a cellular forensic tool provides the ex	he remaining number of when entering an
	remaining number of PUK attempts then the application accurate count of the remaining PUK attempts.	should provide an
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:46:12 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:46:12 EDT 2012 Acquisition finished: Mon Aug 6 14:49:08 EDT 2012	
	Remaining number of PUK attempts were properly displa	yed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Analysis:	Expected results achieved	

## 5.2.62 SPT-38 (BlackBerry Torch)

Test Case SPT	-38 SecureView3 v3.8.0	
Case	SPT-38 Acquire mobile device internal memory and review h	ash values for
Summary:	vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing data objects then the tool shall present the user with a each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:49:37 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 6 14:49:37 EDT 2012	
	Acquisition finished: Mon Aug 6 14:53:03 EDT 2012	
	Hash values were properly reported for individually acqui elements	red device data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected

Test Case SPT	-38 SecureView3 v3.8.0
Analysis:	Expected results achieved

## 5.2.63 SPT-39 (BlackBerry Torch)

Test Case SPT	-39 SecureView3 v3.8.0	
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor objects.	supported data
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing fo data objects then the tool shall present the user with a ha each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 6 14:49:57 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 6 14:49:57 EDT 2012 Acquisition finished: Mon Aug 6 14:53:15 EDT 2012 Hash values were properly reported for individually acquired SIM data elements	
Results:	Assertion & Expected Result	Actual Result
	SPT-A0-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

## 5.2.64 SPT-01 (Nokia 6350)

Test Case SPT	-01 SecureView3 v3.8.0
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT-CA-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). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data objects for acquisition then the tool shall acquise the tool shall acquire the acquisite device without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 8 09:25:57 EDT 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600

Test Case SPI	C-01 SecureView3 v3.8.0	
Setup:	Interface: bluetooth	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 8 09:25:57 EDT 2012	
	Acquisition finished: Wed Aug 8 09:27:11 EDT 2012	
	Device Connectivity was not established via supported int	erface
	Notes: Connectivity was not established. The following error was "Programming error occurred".	reported:
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	Not as expected
Analysis:	Expected results not achieved	

## 5.2.65 SPT-14 (Nokia 6350)

	r-14 SecureView3 v3.8.0	
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e	.g., PC/SC reader).
Assertions:	SPT-AO-01 If a cellular forensic tool provides support the target SIM then the tool shall successfully recogn via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	ize the target SIM
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Aug 8 10:06:31 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 8 10:06:31 EDT 2012 Acquisition finished: Wed Aug 8 10:07:40 EDT 2012	
	Media connectivity was established via supported inter	face
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

## 5.2.66 SPT-15 (Nokia 6350)

Test Case SPT-15 SecureView3 v3.8.0	
Case	SPT-15 Attempt acquisition of a nonsupported SIM.
Summary:	
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 8 10:08:35 EDT 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB

Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 8 10:08:35 EDT 2012	
	Acquisition finished: Wed Aug 8 10:09:59 EDT 201	2
	Identification of nonsupported media was successful	
Poqulta.		
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result SPT-AO-02 Identification of nonsupported SIMs.	Actual Result as expected
Results:		

## 5.2.67 SPT-16 (Nokia 6350)

Test Case SPT	-16 SecureView3 v3.8.0
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 8 10:10:38 EDT 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Wed Aug 8 10:10:38 EDT 2012
	Acquisition finished: Wed Aug 8 10:11:34 EDT 2012
	Media acquisition disruption notification was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-AO-03 Notification of SIM acquisition disruption. as expected
Analysis:	Expected results achieved

## 5.2.68 SPT-17 (Nokia 6350)

Test Case SPT	-17 SecureView3 v3.8.0
Case	SPT-17 Acquire SIM memory and review reported subscriber and equipment
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 8 10:12:35 EDT 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Wed Aug 8 10:12:35 EDT 2012

Test Case SPT-	17 SecureView3 v3.8.0	
	Acquisition finished: Wed Aug 8 10	:14:11 EDT 2012
	SPN was not acquired	
	ICCID was acquired	
	IMSI was acquired	
	MSISDN was acquired	
Demilter		
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-04 Acquisition of SPN.	Not as expected
	SPT-AO-05 Acquisition of ICCID.	as expected
	SPT-AO-06 Acquisition of IMSI.	as expected
	SPT-AO-07 Acquisition of MSISDN.	as expected
Analysis:	Partial results achieved	

## 5.2.69 SPT-18 (Nokia 6350)

Test Case SPT	-18 SecureView3 v3.8.0		
Case	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers		
Summary:	(ADN).		
Assertions:	SPT-A0-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-A0-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Aug 8 12:01:30 EDT 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 12:01:30 EDT 2012 Acquisition finished: Wed Aug 8 13:44:03 EDT 2012 All ADNs were acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-08 Acquisition of ADNs.	as expected	
	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	
	SPT-AO-10 Acquisition of special character ADNs.	as expected	
	SPT-AO-11 Acquisition of blank name ADNs.	as expected	
Analysis:	Expected results achieved		

#### 5.2.70 SPT-19 (Nokia 6350)

Test Case SPT-19 SecureView3 v3.8.0		
Case	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).	
Summary:		
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	

Test Case SPT	-19 SecureView3 v3.8.0	
	SPT-AO-13 If a cellular forensic tool completes a SIM without error then the corresponding date/tim presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 13:44:35 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 13:44:35 EDT 2012 Acquisition finished: Wed Aug 8 13:45:39 EDT 201 LNDs were acquired Date/Time Stamps correctly reported for LNDs	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-12 Acquisition of LNDs.	as expected
	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Analysis:	Expected results achieved	

## 5.2.71 SPT-20 (Nokia 6350)

Test Case SPT	-20 SecureView3 v3.8.0	
Case	SPT-20 Acquire SIM memory and review reported text messages (S	SMS, EMS).
Summary:		
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of SIM without error then ASCII SMS text messages shall be preser useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of SIM without error then ASCII EMS text messages shall be preser useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of SIM without error then the corresponding date/time stamps for messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of SIM without error then the corresponding status (i.e., read, u text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of SIM without error then the corresponding sender / recipient ph for text messages shall be presented in a useable format.	the target the target the target all text the target unread) for the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 13:47:29 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 13:47:29 EDT 2012 Acquisition finished: Wed Aug 8 13:48:39 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text message correctly reported	ges were
Results:	Assertion & Expected Result	Actual Result

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	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-15 Acquisition of EMS messages.	as expected
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-A0-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.72 SPT-21 (Nokia 6350)

Test Case SPT	-21 SecureView3 v3.8.0	
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 13:52:28 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 13:52:28 EDT 2012 Acquisition finished: Wed Aug 8 13:53:28 EDT 2012 Deleted text message data was recovered	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-19 Acquisition of non-overwritten deleted text messages.	as expected
Analysis:	Expected results achieved	

#### 5.2.73 SPT-22 (Nokia 6350)

Test Case SPT	-22 SecureView3 v3.8.0
Case	SPT-22 Acquire SIM memory and review reported location related data (i.e.,
Summary:	LOCI, GPRSLOCI).
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Aug 8 13:53:51 EDT 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Wed Aug 8 13:53:51 EDT 2012
	Acquisition finished: Wed Aug 8 13:55:10 EDT 2012

Test Case SP	T-22 SecureView3 v3.8.0	
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
		• -
Analysis:	Expected results achieved	

## 5.2.74 SPT-23 (Nokia 6350)

Test Case SPI	-23 SecureView3 v3.8.0		
Case	SPT-23 Acquire SIM memory by selecting a combination of supported data		
Summary:	elements.		
Assertions:	SPT-A0-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-A0-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-A0-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-A0-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.		
Tester			
Name:	rpa		
	Merunian		
Test Host: Test Date:	Morrisy Wed Aug 8 13:56:02 EDT 2012		
Device:	Nokia6350		
Source	NOKIA6350 OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Wed Aug 8 13:56:02 EDT 2012 Acquisition finished: Wed Aug 8 14:03:35 EDT 2012		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
	SPT-AO-22 Acquire-All data objects acquisition.	as expected	
	SPT-AO-23 Select-All data objects acquisition.	as expected	
	SPT-AO-24 Select-Individual data objects acquisition.	as expected	
		ab capected	
Analysis:	Expected results achieved		

## 5.2.75 SPT-26 (Nokia 6350)

Test Case SPT	-26 SecureView3 v3.8.0
Case	SPT-26 Acquire SIM memory and review reported data via supported generated
Summary:	report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.

Test Case SPI	-26 SecureView3 v3.8.0	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:06:52 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 14:06:52 EDT 2012 Acquisition finished: Wed Aug 8 14:08:49 EDT 2012	
	Complete representation of known data via generated reports	s was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via	as expected
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected

## 5.2.76 SPT-27 (Nokia 6350)

Test Case SPT-27 SecureView3 v3.8.0		
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the preview-pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:07:13 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 14:07:13 EDT 2012 Acquisition finished: Wed Aug 8 14:08:57 EDT 2012 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.77 SPT-28 (Nokia 6350)

Test Case SPT-28 SecureView3 v3.8.0		
Case	SPT-28 Attempt acquisition of a password-protected SIM.	
Summary:		
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	
Tester Name:	rpa	

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Test Case SPI	-28 SecureView3 v3.8.0	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:07:34 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 14:07:34 EDT 2012 Acquisition finished: Wed Aug 8 14:09:04 EDT 2012 Ability to enter PIN on protected media before acq	uisition was successful
Results:	Assertion & Expected Result SPT-AO-28 Acquisition of password-protected SIM.	Actual Result as expected
Analysis:	Expected results achieved	

## 5.2.78 SPT-34 (Nokia 6350)

Test Case SPT	-34 SecureView3 v3.8.0	
Case	SPT-34 Acquire SIM memory and review data containing non-	ASCII characters.
Summary:		
Assertions:	sertions: SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in the native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:12:22 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 14:12:22 EDT 2012	
ingini giico .	Acquisition finished: Wed Aug 8 14:14:07 EDT 2012	
	Non-ASCII ADNs were acquired but not properly displayed	
	Non-ASCII text messages were acquired and properly displa	ayed
	Notes:	
	The character é was reported as ==	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book	Not as
	entries/ADNs.	expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Partial results achieved	

## 5.2.79 SPT-35 (Nokia 6350)

Test Case SPT	-35 SecureView3 v3.8.0
Case	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool
Summary:	provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.

Test Case SPT	-35 SecureView3 v3.8.0	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:12:54 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 8 14:12:54 EDT 2012	
	Acquisition finished: Wed Aug 8 14:14:18 EDT 2012	
	The remaining number of PIN attempts were properly di	splayed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

## 5.2.80 SPT-36 (Nokia 6350)

Test Case SPI	-36 SecureView3 v3.8.0	
Case Summary:	SPT-36 Begin acquisition on a SIM whose PIN attempts determine if the tool provides an accurate count of t PUK attempts and if the PUK attempts are decremented incorrect value.	he remaining number of when entering an
Assertions:	SPT-AO-30 If a cellular forensic tool provides the ex remaining number of PUK attempts then the application accurate count of the remaining PUK attempts.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:13:09 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Wed Aug 8 14:13:09 EDT 2012 Acquisition finished: Wed Aug 8 14:14:27 EDT 2012 Remaining number of PUK attempts were properly displa	yed
Results:	Assertion & Expected Result SPT-AO-30 Display remaining number of PUK attempts.	Actual Result as expected
Analysis:	Expected results achieved	

# 5.2.81 SPT-39 (Nokia 6350)

Test Case SPT	-39 SecureView3 v3.8.0
Case	SPT-39 Acquire SIM memory and review hash values for vendor supported data
Summary:	objects.
Assertions:	SPT-AO-43 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.

Topt cube bit	-39 SecureView3 v3.8.0	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Aug 8 14:13:25 EDT 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Loq	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Wed Aug 8 14:13:25 EDT 2012	
	Acquisition finished: Wed Aug 8 14:14:37 EDT 2012	
	Hash values were properly reported for individually acquelements	ired SIM data
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-43 Acquire data, check known hash values for	as expected
	-	
	consistency.	
	consistency.	

# 5.2.82 SPT-01 (Motorola Tundra)

Test Case SP	I-01 SecureView3 v3.8.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	ted interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-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). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 07:15:21 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 07:15:21 EDT 2012 Acquisition finished: Mon Aug 13 07:16:33 EDT 2012 Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual
		Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via	as expected

	supported reports.	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

# 5.2.83 SPT-02 (Motorola Tundra)

Test Case SPT	-02 SecureView3 v3.8.0
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Aug 13 07:40:47 EDT 2012
Device:	unsupported_device
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 07:40:47 EDT 2012 Acquisition finished: Mon Aug 13 07:43:15 EDT 2012 Identification of nonsupported devices was successful
Results:	Assertion & Expected Result         Actual Result           SPT-CA-02 Identification of nonsupported devices.         as expected
Analysis:	Expected results achieved

### 5.2.84 SPT-03 (Motorola Tundra)

Test Case SPT	-03 SecureView3 v3.8.0	
Case	SPT-03 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and ce	llular forensic
	tool is disrupted then the tool shall notify the user that	connectivity has
	been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 07:43:44 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Loq	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 07:43:44 EDT 2012	
inginigines.	Acquisition finished: Mon Aug 13 07:48:07 EDT 2012	
	Acquisicion linished. Mon Aug 15 07.48.07 EDI 2012	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-03 Notification of device acquisition disruption.	as expected

Test Case SPT-	-03 SecureView3 v3.8.0
Analysis:	Expected results achieved

# 5.2.85 SPT-04 (Motorola Tundra)

Test Case SP1	I-04 SecureView3 v3.8.0	
Case	SPT-04 Acquire mobile device internal memory and review reported data via	
Summary:	the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to acquired data objects in a useable format via either a previe generated report.	present
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Aug 13 07:48:31 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 07:48:31 EDT 2012	
	Acquisition finished: Mon Aug 13 07:51:05 EDT 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	
-		

## 5.2.86 SPT-05 (Motorola Tundra)

Test Case SPT	-05 SecureView3 v3.8.0		
Case	SPT-05 Acquire mobile device internal memory and review reported subscriber		
Summary:	and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).		
Assertions:	SPT-CA-05 If a cellular forensic tool com		5
	device without error then subscriber-related information shall be presented		
	in a useable format.		
	SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented		
	in a useable format.	ed information sr	hall be presented
	in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 13 07:54:25 EDT 2012		
Device:	Moto_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Mon Aug 13 07:54:25 EDT 2012		
	Acquisition finished: Mon Aug 13 07:55:43 EDT 2012		
	Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	

Test Case SPT-05 SecureView3 v3.8.0			
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected	
Analysis:	Expected results achieved		

# 5.2.87 SPT-06 (Motorola Tundra)

Test Case SPT	-06 SecureView3 v3.8.0	
Case	SPT-06 Acquire mobile device internal memory and review report	rted PIM
Summary:	related data.	
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of device without error then address book entries shall be prese useable format.	ented in a
	SPT-CA-08 If a cellular forensic tool completes acquisition of device without error then maximum length address book entries presented in a useable format.	-
	SPT-CA-09 If a cellular forensic tool completes acquisition of device without error then address book entries containing spe- characters shall be presented in a useable format.	-
	SPT-CA-10 If a cellular forensic tool completes acquisition of device without error then address book entries containing bla be presented in a useable format.	
	SPT-CA-11 If a cellular forensic tool completes acquisition of device without error then email addresses associated with add entries shall be presented in a useable format.	
	SPT-CA-12 If a cellular forensic tool completes acquisition of device without error then graphics associated with address bo shall be presented in a useable format.	-
	SPT-CA-13 If a cellular forensic tool completes acquisition of device without error then datebook, calendar, note entries sh presented in a useable format.	
	SPT-CA-14 If a cellular forensic tool completes acquisition of device without error then maximum length datebook, calendar, shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 09:07:40 EDT 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 09:07:40 EDT 2012 Acquisition finished: Mon Aug 13 09:09:08 EDT 2012	
	All address book entries were successfully acquired Basic PIM related data was not acquired - NA	
	Maximum length PIM related data was not acquired - NA	
	Notes: Address book entries containing only one name in te contact field ar reported twice, e.g., an entry containing the name: "John" is report "John John"	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-07 Acquisition of address book entries.	Not as expected
	SPT-CA-08 Acquisition of maximum length address book entries.	as expected
	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected
	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected
	SPT-CA-11 Acquisition of embedded email addresses within	as expected

address book entries.	
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
SPT-CA-14 Acquisition of maximum length PIM data.	as expected

# 5.2.88 SPT-10 (Motorola Tundra)

Test Case SPI	-10 SecureView3 v3.8.0	
Case	SPT-10 Acquire mobile device internal memory and review reported stand-	
Summary:	alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acqui device without error then stand-alone audio files sha useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acqui device without error then stand-alone graphic files s useable format via either an internal application or application. SPT-CA-26 If a cellular forensic tool completes acqui device without error then stand-alone video files sha useable format via either an internal application or application.	<pre>11 be presented in a suggested third-party sition of the target hall be presented in a suggested third-party sition of the target 11 be presented in a</pre>
Tester	rpa	· · · · · · · · · · · · · · · · · · ·
Name:		
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:03:25 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights: Acquisition started: Mon Aug 13 08:03:25 EDT 2012		
	Acquisition finished: Mon Aug 13 08:07:56 EDT 2012	
	ALL stand-alone data files (Image, Video) were acquir	ed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-24 Acquisition of stand-alone audio files.	NA
	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected
	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Analysis:	Expected results achieved	

## 5.2.89 SPT-13 (Motorola Tundra)

Test Case SPT	-13 SecureView3 v3.8.0
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of
Summary:	supported data elements.
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.

TODE CADE DEI	-13 SecureView3 v3.8.0	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:09:45 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 08:09:45 EDT 2012	
	Acquisition finished: Mon Aug 13 08:14:57 EDT 2012	
	Acquire All acquisition was successful	
Results:		
Results.	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected

# 5.2.90 SPT-14 (Motorola Tundra)

Test Case SP	I-14 SecureView3 v3.8.0	
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e	.g., PC/SC reader).
Assertions:	SPT-AO-01 If a cellular forensic tool provides support the target SIM then the tool shall successfully recogn via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	ize the target SIM
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:19:12 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:19:12 EDT 2012 Acquisition finished: Mon Aug 13 08:21:48 EDT 2012 Media connectivity was established via supported inter	face
Results:	Assertion & Expected Result SPT-AO-01 SIM connectivity via supported interfaces.	Actual Result as expected
Analysis:	Expected results achieved	

# 5.2.91 SPT-15 (Motorola Tundra)

Test Case SPT-	Test Case SPT-15 SecureView3 v3.8.0	
Case	SPT-15 Attempt acquisition of a nonsupported SIM.	
Summary:		
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	

Test Case SPI	-15 SecureView3 v3.8.0	
Test Date:	Mon Aug 13 08:22:56 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 08:22:56 EDT 201	2
	Acquisition finished: Mon Aug 13 08:25:13 EDT 20	12
	Identification of nonsupported media was success	ful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Analysis:	Expected results achieved	

#### 5.2.92 SPT-16 (Motorola Tundra)

Test Case SPT	-16 SecureView3 v3.8.0	
Case	SPT-16 Begin SIM acquisition and interrupt connectivity by interface	
Summary:	disengagement.	
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:26:05 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights: Acquisition started: Mon Aug 13 08:26:05 EDT 2012		
	Acquisition finished: Mon Aug 13 08:31:39 EDT 2012	
	Media acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-03 Notification of SIM acquisition disruption. as expected	
Analysis:	Expected results achieved	

## 5.2.93 SPT-17 (Motorola Tundra)

Test Case SPT	-17 SecureView3 v3.8.0
Case	SPT-17 Acquire SIM memory and review reported subscriber and equipment
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Aug 13 08:33:11 EDT 2012

Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 08	
	Acquisition finished: Mon Aug 13 0	8:34:54 EDT 2012
	SPN was not acquired	
	ICCID was acquired	
	IMSI was acquired	
	MSISDN was acquired	
	-	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-04 Acquisition of SPN.	Not as expected
	SPT-AO-05 Acquisition of ICCID.	as expected
	SPT-AO-06 Acquisition of IMSI.	as expected
	SPI-AO-06 ACQUISICION OF IMSI.	
	SPT-AO-07 Acquisition of MSISDN.	as expected
	-	as expected
	-	as expected

# 5.2.94 SPT-18 (Motorola Tundra)

Test Case SPT-	-18 SecureView3 v3.8.0		
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).		
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 13 08:35:35 EDT 2012		
Device:	Moto_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:35:35 EDT 2012 Acquisition finished: Mon Aug 13 08:38:37 EDT 2012 All ADNs were acquired		
Results:	Departies & Reported Deput	Actual Result	
	Assertion & Expected Result		
	SPT-AO-08 Acquisition of ADNs.	as expected	
	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	
	SPT-AO-10 Acquisition of special character ADNs.	as expected	
	SPT-AO-11 Acquisition of blank name ADNs.	as expected	
Analysis:	Expected results achieved		

# 5.2.95 SPT-19 (Motorola Tundra)

Test Case SPT	-19 SecureView3 v3.8.0		
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).		
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 13 08:39:14 EDT 2012		
Device:	Moto_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Mon Aug 13 08:39:14 EDT 201	2	
	Acquisition finished: Mon Aug 13 08:41:30 EDT 20	12	
	LNDs were acquired		
	Date/Time Stamps correctly reported for LNDs		
Results:			
	Assertion & Expected Result Actual Result		
	SPT-AO-12 Acquisition of LNDs.	as expected	
	SPT-AO-13 Acquisition of LND date/time stamps.	as expected	
Analysis:	Expected results achieved		

#### 5.2.96 SPT-20 (Motorola Tundra)

Test Case SPT	-20 SecureView3 v3.8.0
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Aug 13 08:42:02 EDT 2012
Device:	Moto_Tundra
Source	OS: WIN XP v5.1.2600
Setup:	Interface: USB
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:42:02 EDT 2012 Acquisition finished: Mon Aug 13 08:44:28 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages

	Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text mess correctly reported	sages were
Results:		1 <b>.</b>
	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-15 Acquisition of EMS messages.	as expected
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.97 SPT-21 (Motorola Tundra)

Test Case SPT	-21 SecureView3 v3.8.0	
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	
Assertions:	SPT-A0-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:45:24 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:45:24 EDT 2012 Acquisition finished: Mon Aug 13 08:46:50 EDT 2012 Deleted text message data was recovered	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-19 Acquisition of non-overwritten deleted text messages.	as expected
Analysis:	Expected results achieved	

#### 5.2.98 SPT-22 (Motorola Tundra)

Test Case SPT	-22 SecureView3 v3.8.0
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Aug 13 08:47:24 EDT 2012
Device:	Moto_Tundra

Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:47:24 EDT 201	2
	Acquisition finished: Mon Aug 13 08:49:04 EDT 20	
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		•
	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected
	SPT-A0-21 Acquisition of GPRSLOCI information.	as expected

### 5.2.99 SPT-23 (Motorola Tundra)

Case       SPT-23 Acquire SIM memory by selecting a combination of supported data         Summary:       elements.         Assertions:       SPT-A0-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).         SPT-A0-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects then the tool shall complete the acquisition of all individually selected data objects without error.         SPT-A0-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.         SPT-A0-23 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.         SPT-A0-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.         SPT-A0-21 IF a cellular forensic tool provides the user with an "Select Mame"         Name:       Test         Test Most:       Morrisy         Tester       Name:         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.	Test Case SPI	-23 SecureView3 v3.8.0		
Assertions:       SPT-A0-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).         SPT-A0-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.         SPT-A0-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.         SPT-A0-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.         SPT-A0-23 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.         Test r       rpa         Name:       Test Norrisy         Test Date:       Morrisy         Test Date:       Mon Aug 13 08:49:31 EDT 2012         Device:       Moto_Tundra         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012			supported data	
the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).SPT-A0-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-A0-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-A0-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.Tester Name:rpaTest Device:Mon Aug 13 08:49:31 EDT 2012Device:Moto_TundraSource Setup:OS: WIN XP v5.1.2600Setup:Interface: USBLog Highlights:Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:51:43 EDT 2012 Acquisition finished: Mon Aug 13 08:51:43 EDT 2012 Acquiset All acquisition was successfulResults: <b>Assertion &amp; Expected Result</b> SPT-A0-22 Select-All data objects acquisition. As expected SPT-A0-24 Select-Individual data objects acquisition. As expected	Summary:	elements.		
Name:       Test Host:       Morrisy         Test Date:       Mon Aug 13 08:49:31 EDT 2012       Device:         Device:       Moto_Tundra         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         SPT-AO-01 SIM connectivity via supported interfaces.         SPT-AO-22 Acquire-All data objects acquisition.         SPT-AO-23 Select-All data objects acquisition.         SPT-AO-24 Select-Individual data objects acquisition.	Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall		
Test Host:       Morrisy         Test Date:       Mon Aug 13 08:49:31 EDT 2012         Device:       Moto_Tundra         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Highlights:       Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         SPT-A0-01 SIM connectivity via supported interfaces.         SPT-A0-22 Acquire-All data objects acquisition.         SPT-A0-23 Select-All data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.	Tester	rpa		
Test Date:       Mon Aug 13 08:49:31 EDT 2012         Device:       Moto_Tundra         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Highlights:       Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:       Assertion & Expected Result       Actual Result         SPT-AO-01 SIM connectivity via supported interfaces.       as expected         SPT-AO-22 Acquire-All data objects acquisition.       as expected         SPT-AO-24 Select-Individual data objects acquisition.       as expected	Name:			
Device:       Moto_Tundra         Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         SPT-A0-01 SIM connectivity via supported interfaces.         SPT-A0-22 Acquire-All data objects acquisition.         SPT-A0-23 Select-All data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.	Test Host:	Morrisy		
Source       OS: WIN XP v5.1.2600         Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         SPT-A0-01 SIM connectivity via supported interfaces.         SPT-A0-22 Acquire-All data objects acquisition.         SPT-A0-23 Select-All data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.	Test Date:	Mon Aug 13 08:49:31 EDT 2012		
Setup:       Interface: USB         Log       Created by SecureView3 v3.8.0         Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:       Assertion & Expected Result       Actual Result         SPT-A0-01 SIM connectivity via supported interfaces.       as expected         SPT-A0-22 Acquire-All data objects acquisition.       as expected         SPT-A0-23 Select-All data objects acquisition.       as expected         SPT-A0-24 Select-Individual data objects acquisition.       as expected	Device:	Moto_Tundra		
Log       Created by SecureView3 v3.8.0         Highlights:       Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         Actual Result         SPT-A0-01 SIM connectivity via supported interfaces.         As expected         SPT-A0-22 Acquire-All data objects acquisition.         SPT-A0-23 Select-All data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.         As expected	Source	OS: WIN XP v5.1.2600		
Highlights:       Acquisition started: Mon Aug 13 08:49:31 EDT 2012         Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         SPT-A0-01 SIM connectivity via supported interfaces.         SPT-A0-22 Acquire-All data objects acquisition.         SPT-A0-23 Select-All data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.	Setup:	Interface: USB		
Acquisition finished: Mon Aug 13 08:51:43 EDT 2012         Acquire All acquisition was successful         Results:         Assertion & Expected Result         SPT-A0-01 SIM connectivity via supported interfaces.         as expected         SPT-A0-22 Acquire-All data objects acquisition.         SPT-A0-23 Select-All data objects acquisition.         SPT-A0-24 Select-Individual data objects acquisition.	Log	Created by SecureView3 v3.8.0		
Acquire All acquisition was successful         Results:       Assertion & Expected Result       Actual Result         SPT-A0-01 SIM connectivity via supported interfaces.       as expected         SPT-A0-22 Acquire-All data objects acquisition.       as expected         SPT-A0-23 Select-All data objects acquisition.       as expected         SPT-A0-24 Select-Individual data objects acquisition.       as expected	Highlights:	1 3		
Assertion & Expected ResultActual ResultSPT-A0-01 SIM connectivity via supported interfaces.as expectedSPT-A0-22 Acquire-All data objects acquisition.as expectedSPT-A0-23 Select-All data objects acquisition.as expectedSPT-A0-24 Select-Individual data objects acquisition.as expected				
SPT-A0-01 SIM connectivity via supported interfaces.as expectedSPT-A0-22 Acquire-All data objects acquisition.as expectedSPT-A0-23 Select-All data objects acquisition.as expectedSPT-A0-24 Select-Individual data objects acquisition.as expected	Results:			
SPT-A0-01 SIM connectivity via supported interfaces.as expectedSPT-A0-22 Acquire-All data objects acquisition.as expectedSPT-A0-23 Select-All data objects acquisition.as expectedSPT-A0-24 Select-Individual data objects acquisition.as expected		Assertion & Expected Result	Actual Result	
SPT-A0-22 Acquire-All data objects acquisition.as expectedSPT-A0-23 Select-All data objects acquisition.as expectedSPT-A0-24 Select-Individual data objects acquisition.as expected		SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
SPT-AO-24 Select-Individual data objects acquisition. as expected			-	
SPT-AO-24 Select-Individual data objects acquisition. as expected			-	
			-	
Analysis: Expected results achieved		- *		
Interiors I interest repares dettered	Analysis:	Expected results achieved		

## 5.2.100 SPT-24 (Motorola Tundra)

Test Case SPT	-24 SecureView3 v3.8.0
Case	SPT-24 Acquire mobile device internal memory and review reported data via

Test Case SPT	-24 SecureView3 v3.8.0		
Summary:	supported generated report formats.		
Assertions:	SPT-A0-25 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquir useable format via supported generated report formats.	-	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 13 08:52:21 EDT 2012		
Device:	Moto_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:52:21 EDT 2012 Acquisition finished: Mon Aug 13 08:56:02 EDT 2012 Complete representation of known data via generated reports was successfu		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-A0-25 Comparison of known device data elements via generated reports.	as expected	
Analysis:	Expected results achieved		

## 5.2.101 SPT-25 (Motorola Tundra)

Test Case SPT	-25 SecureView3 v3.8.0	
Case	SPT-25 Acquire mobile device internal memory and review rep	orted data via
Summary:	the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquir useable format in a preview-pane view.	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:52:43 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:52:43 EDT 2012 Acquisition finished: Mon Aug 13 08:56:17 EDT 2012 Complete representation of known data via preview-pane was	successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

# 5.2.102 SPT-26 (Motorola Tundra)

Test Case SPT	-26 SecureView3 v3.8.0
Case	SPT-26 Acquire SIM memory and review reported data via supported generated
Summary:	report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM

	without error then the tool shall present the acquired data	in a useable
	format via supported generated report formats.	in a abcabic
	Tormao via supported Jenerated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:57:26 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 08:57:26 EDT 2012	
	Acquisition finished: Mon Aug 13 09:01:13 EDT 2012	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-25 Comparison of known device data elements via	as expected
	generated reports.	_
		•

## 5.2.103 SPT-27 (Motorola Tundra)

Case	SPT-27 Acquire SIM memory and review reported data via the	preview-pape
Summary:	SPI-27 Acquire SIM memory and review reported data via the	preview-pane.
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition without error then the tool shall present the acquired data format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 08:58:16 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 08:58:16 EDT 2012 Acquisition finished: Mon Aug 13 09:06:22 EDT 2012 Complete representation of known data via preview-pane was	successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.104 SPT-28 (Motorola Tundra)

Test Case SPT-	-28 SecureView3 v3.8.0
Case	SPT-28 Attempt acquisition of a password-protected SIM.
Summary:	
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.

Test Case SPT	-28 SecureView3 v3.8.0		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Aug 13 08:58:52 EDT 2012		
Device:	Moto_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: USB		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Mon Aug 13 08:58:52 EDT 2012		
	Acquisition finished: Mon Aug 13 09:06:34 EDT 2012		
	Ability to enter PIN on protected media before acq	uisition was succ	essful
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-28 Acquisition of password-protected SIM.	as expected	
Analysis:	Expected results achieved		

## 5.2.105 SPT-33 (Motorola Tundra)

SPT-33 Acquire mobile device internal memory and review non-ASCII characters. SPT-AO-40 If the cellular forensic tool supports display characters then the application should present address b their native format. SPT-AO-41 If the cellular forensic tool supports proper	y of non-ASCII
SPT-AO-40 If the cellular forensic tool supports display characters then the application should present address b their native format.	
characters then the application should present address $\tilde{\boldsymbol{h}}$ their native format.	
their native format.	JOOK ENCLIES IN
	display of non-
ASCII characters then the application should present ter	
native format.	ie messages in ene
rpa	
Morrisy	
Mon Aug 13 09:13:19 EDT 2012	
Moto_Tundra	
OS: WIN XP v5.1.2600	
Interface: cable	
Created by SecureView3 v3.8.0	
Acquisition started: Mon Aug 13 09:13:19 EDT 2012	
Acquisition finished: Mon Aug 13 09:15:08 EDT 2012	
Non-ASCII text messages were acquired and properly disp.	layed - NA
Assertion & Expected Result	Actual
	Result
SPT-AO-40 Acquisition of non-ASCII address book	as expected
entries/ADNs.	
SPT-AO-41 Acquisition of non-ASCII text messages.	NA
	rpa Morrisy Mon Aug 13 09:13:19 EDT 2012 Moto_Tundra OS: WIN XP v5.1.2600 Interface: cable Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 09:13:19 EDT 2012 Acquisition finished: Mon Aug 13 09:15:08 EDT 2012 Non-ASCII Address book entries were acquired and proper Non-ASCII text messages were acquired and properly displ Assertion & Expected Result SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.

## 5.2.106 SPT-34 (Motorola Tundra)

Test Case SPT-	-34 SecureView3 v3.8.0
Case	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.
Summary:	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their

Test Case SPT	-34 SecureView3 v3.8.0	
	native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 09:16:27 EDT 2012	
Device:	Moto_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 09:16:27 EDT 2012 Acquisition finished: Mon Aug 13 09:18:13 EDT 2012 Non-ASCII ADNs were acquired but not properly displayed Non-ASCII text messages were acquired and properly disp <u>Notes</u> : The character é was reported as ==	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book	Not as
	entries/ADNs.	expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Partial results achieved	

# 5.2.107 SPT-35 (Motorola Tundra)

Test Case SPT	-35 SecureView3 v3.8.0	
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to de provides an accurate count of the remaining number of the PIN attempts are decremented when entering an inc	PIN attempts and if
Assertions:	SPT-AO-29 If a cellular forensic tool provides the ex- remaining number of authentication attempts then the provide an accurate count of the remaining PIN attemp	application should
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 09:19:13 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 09:19:13 EDT 2012	
	Acquisition finished: Mon Aug 13 09:21:45 EDT 2012	
	The remaining number of PIN attempts were properly di	splayed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

## 5.2.108 SPT-36 (Motorola Tundra)

Test Case SPT	-36 SecureView3 v3.8.0
Case	SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to
Summary:	determine if the tool provides an accurate count of the remaining number of
	PUK attempts and if the PUK attempts are decremented when entering an

	incorrect value.	
Assertions:	SPT-AO-30 If a cellular forensic tool provides the ex	aminer with the
	remaining number of PUK attempts then the application	should provide
	accurate count of the remaining PUK attempts.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 09:19:33 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: USB	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Mon Aug 13 09:19:33 EDT 2012	
	Acquisition finished: Mon Aug 13 09:21:59 EDT 2012	
	Remaining number of PUK attempts were properly displa	yed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Analysis:	Expected results achieved	

## 5.2.109 SPT-38 (Motorola Tundra)

Test Case SPT	-38 SecureView3 v3.8.0	
Case	SPT-38 Acquire mobile device internal memory and review has	n values for
Summary:	vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for data objects then the tool shall present the user with a has each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 09:22:58 EDT 2012	
Device:	Moto_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 09:22:58 EDT 2012 Acquisition finished: Mon Aug 13 09:24:42 EDT 2012 Hash values were properly reported for individually acquired elements	d device data
Results:	Assertion & Expected Result	Actual
		Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

## 5.2.110 SPT-39 (Motorola Tundra)

Test Case SPT	-39 SecureView3 v3.8.0
Case	SPT-39 Acquire SIM memory and review hash values for vendor supported data
Summary:	objects.
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual
	data objects then the tool shall present the user with a hash value for

	each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Aug 13 09:25:12 EDT 2012	
Device:	Moto_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Mon Aug 13 09:25:12 EDT 2012 Acquisition finished: Mon Aug 13 09:28:41 EDT 2012 Hash values were properly reported for individually acqui elements	red SIM data
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result SPT-AO-43 Acquire data, check known hash values for consistency.	

# 5.2.111 SPT-01 (iPhone4 CDMA)

Test Case SPT	-01 SecureView3 v3.8.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	ed interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for conthe target device then the tool shall successfully recognize to device via all vendor supported interfaces (e.g., cable, Bluet SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to precedured data objects in a useable format via either a preview generated report. SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option then the tool shall have the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a All" device data objects then the tool shall complete the individual device data objects then the tool shall complete the of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with a cquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool provides the user with a cquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool provides the user with a cquire each exclusive data object without error.	the target tooth, IrDA). The target oresent v-pane or an "Acquire ll complete a "Select All" he acquisition the ability to the tool shall re logical
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Fri Aug 3 10:04:39 EDT 2012	
Device:	iPhone4 CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Fri Aug 3 10:04:39 EDT 2012	
	Acquisition finished: Fri Aug 3 10:10:57 EDT 2012	
	Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result

Test Case SP	I-01 SecureView3 v3.8.0	
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

## 5.2.112 SPT-02 (iPhone4 CDMA)

Test Case SPT	-02 SecureView3 v3.8.0
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.
Tester Name:	гра
Test Host:	Morrisy
Test Date:	Fri Aug 3 10:12:05 EDT 2012
Device:	unsupported_device
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Fri Aug 3 10:12:05 EDT 2012
	Acquisition finished: Fri Aug 3 10:15:25 EDT 2012
	Identification of nonsupported devices was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-02 Identification of nonsupported devices. as expected
Analysis:	Expected results achieved

# 5.2.113 SPT-03 (iPhone4 CDMA)

Test Case SPT	Test Case SPT-03 SecureView3 v3.8.0	
Case	SPT-03 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 10:16:02 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Fri Aug 3 10:16:02 EDT 2012	
	Acquisition finished: Fri Aug 3 10:26:55 EDT 2012	
	Device acquisition disruption notification was successful	
Results:		

	Assertion & Expected Result	Actual Result
	SPT-CA-03 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

## 5.2.114 SPT-04 (iPhone4 CDMA)

Test Case SPI	-04 SecureView3 v3.8.0	
Case	SPT-04 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to acquired data objects in a useable format via either a previe generated report.	present
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Fri Aug 3 10:27:31 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Fri Aug 3 10:27:31 EDT 2012	
5 5	Acquisition finished: Fri Aug 3 10:36:33 EDT 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

## 5.2.115 SPT-06 (iPhone4 CDMA)

Test Case SPT	-06 SecureView3 v3.8.0
Case	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.
	SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.
	SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.
	SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.
	SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.
	SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.
	SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.

	I SPT_('A_14 It a callular torongic tool completed acquisition (	of the target
	SPT-CA-14 If a cellular forensic tool completes acquisition of device without error then maximum length datebook, calendar,	
	shall be presented in a useable format.	note entries
	shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 10:36:58 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Fri Aug 3 10:36:58 EDT 2012	
	Acquisition finished: Fri Aug 3 10:46:21 EDT 2012	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were not acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were acquired	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were not acquin	red
	ALL PIM related data was acquired	
	Notes:	
	Maximum length address book entries were truncated. 64 charac	sters out of
		cleis out of
	126 characters were reported	
	126 characters were reported.	
		reported.
	126 characters were reported. Graphics files associated with address book entries were not	reported.
Results:	Graphics files associated with address book entries were not	
Results:		Actual
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result	Actual Result
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.	Actual Result as expected
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book	Actual Result as expected Not as
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.	Actual Result as expected Not as expected
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.           SPT-CA-09 Acquisition of address book entries containing	Actual Result as expected Not as
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.           SPT-CA-09 Acquisition of address book entries containing special characters.	Actual Result as expected Not as expected as expected
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.           SPT-CA-09 Acquisition of address book entries containing special characters.           SPT-CA-10 Acquisition of address book entries containing a	Actual Result as expected Not as expected
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.           SPT-CA-09 Acquisition of address book entries containing special characters.           SPT-CA-10 Acquisition of address book entries containing a blank name entry.	Actual Result as expected Not as expected as expected as expected
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.           SPT-CA-09 Acquisition of address book entries containing special characters.           SPT-CA-10 Acquisition of address book entries containing a blank name entry.           SPT-CA-11 Acquisition of embedded email addresses within	Actual Result as expected Not as expected as expected
Results:	Graphics files associated with address book entries were not           Assertion & Expected Result           SPT-CA-07 Acquisition of address book entries.           SPT-CA-08 Acquisition of maximum length address book entries.           SPT-CA-09 Acquisition of address book entries containing special characters.           SPT-CA-10 Acquisition of address book entries containing a blank name entry.           SPT-CA-11 Acquisition of embedded email addresses within address book entries.	Actual Result as expected Not as expected as expected as expected as expected
Results:	Graphics files associated with address book entries were not Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address	Actual Result as expected Not as expected as expected as expected as expected Not as
Results:	Graphics files associated with address book entries were not Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries.	Actual Result as expected Not as expected as expected as expected as expected Not as expected
Results:	Graphics files associated with address book entries were not Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	Actual Result as expected Not as expected as expected as expected as expected Not as
Results:	Graphics files associated with address book entries were not Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected Not as expected as expected as expected as expected Not as expected as expected
Results:	Graphics files associated with address book entries were not Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	Actual Result as expected Not as expected as expected as expected as expected Not as expected
Results:	Graphics files associated with address book entries were not Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected Not as expected as expected as expected as expected Not as expected as expected

# 5.2.116 SPT-07 (iPhone4 CDMA)

Test Case SPT-07 SecureView3 v3.8.0	
Case	SPT-07 Acquire mobile device internal memory and review reported call logs.
Summary:	
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Aug 3 12:33:27 EDT 2012

Device:	iPhone4_CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Fri Aug 3 12:33:27 EDT 2012		
	Acquisition finished: Fri Aug 3 12:37:16 EDT 2012		
	All Call Logs (incoming, outgoing, missed) were acquired		
	All Call Log date/time stamps data were correctly rep		
Results:			
Results:			
Results:	All Call Log date/time stamps data were correctly rep	orted	
Results:	All Call Log date/time stamps data were correctly rep Assertion & Expected Result	orted Actual Result	
Results:	All Call Log date/time stamps data were correctly rep Assertion & Expected Result SPT-CA-15 Acquisition of call logs.	orted Actual Result as expected	

# 5.2.117 SPT-08 (iPhone4 CDMA)

Test Case SPT	-08 SecureView3 v3.8.0		
Case	SPT-08 Acquire mobile device internal memory and review reported text		
Summary:	messages.		
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition device without error then ASCII text messages (i.e., SMS, EM presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition device without error then the corresponding status (i.e., re text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition device without error then the corresponding sender / recipie numbers for text messages shall be presented in a useable format.	NS) shall be of the target for text of the target ead, unread) for of the target ent phone	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Aug 3 12:38:41 EDT 2012		
Device:	iPhone4_CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Secupi			
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Fri Aug 3 12:38:41 EDT 2012 Acquisition finished: Fri Aug 3 12:43:52 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-17 Acquisition of text messages.	as expected	
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	
	SPT-CA-19 Acquisition of text message status flags.	as expected	
	SPT-CA-20 Acquisition of sender/recipient phone number	as expected	
	associated with text messages.	-	
Analysis:	Expected results achieved		

# 5.2.118 SPT-09 (iPhone4 CDMA)

Test Case SPT	-09 SecureView3 v3.8.0	
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi- media related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated yideo shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 12:45:07 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0	
HIGHLIGHUS.	Acquisition started: Fri Aug 3 12:45:07 EDT 2012 Acquisition finished: Fri Aug 3 12:47:59 EDT 2012	
	ALL MMS messages (Image, Video) were acquired	
	Audio attachements are not supported.	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	NA
	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected
	SPT-CA-23 Acquisition of video MMS messages.	as expected
Analysis:	Expected results achieved	

## 5.2.119 SPT-10 (iPhone4 CDMA)

Test Case SPI	-10 SecureView3 v3.8.0		
Case	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri Aug 3 13:12:11 EDT 2012		
Device:	iPhone4_CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		

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Test Case SPI	-10 SecureView3 v3.8.0	
Highlights:	Acquisition started: Fri Aug 3 13:12:11 EDT 2012	
	Acquisition finished: Fri Aug 3 13:18:30 EDT 2012	
	ALL stand-alone data files (Image) were acquired Audio and Video attachments are not supported.	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-24 Acquisition of stand-alone audio files.	NA
	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected
	SPT-CA-26 Acquisition of stand-alone video files.	NA
	SPT-CA-26 Acquisition of stand-alone video files.	NA

# 5.2.120 SPT-12 (iPhone4 CDMA)

Test Case SPT	-12 SecureView3 v3.8.0		
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet-related data (i.e., bookmarks, visited sites.		
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Aug 3 13:21:47 EDT 2012		
Device:	iPhone4_CDMA		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Fri Aug 3 13:21:47 EDT 2012 Acquisition finished: Fri Aug 3 13:23:42 EDT 2012 Internet-related data was not acquired		
Results:			
	Assertion & Expected Result Actual Result		
	SPT-CA-28 Acquisition of Internet-related data. Not as expected		
Analysis:	Expected results not achieved		

# 5.2.121 SPT-13 (iPhone4 CDMA)

Test Case SPT	-13 SecureView3 v3.8.0
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Aug 3 13:26:13 EDT 2012

iPhone4_CDMA	
OS: WIN XP v5.1.2600	
Interface: cable	
Created by SecureView3 v3.8.0	
Acquisition started: Fri Aug 3 13:26:13 EDT 2012	
Acquisition finished: Fri Aug 3 13:35:27 EDT 2012	
Acquire All acquisition was successful	
Assertion & Expected Result	Actual Result
SPT-CA-29 Acquire-All data objects acquisition.	as expected
SPT-CA-30 Select-All data objects acquisition.	as expected
SPT-CA-31 Select-Individual data objects acquisition.	as expected
SPT-CA-31 Select-individual data objects acquisition.	as expected
	OS: WIN XP v5.1.2600 Interface: cable Created by SecureView3 v3.8.0 Acquisition started: Fri Aug 3 13:26:13 EDT 2012 Acquisition finished: Fri Aug 3 13:35:27 EDT 2012 Acquire All acquisition was successful Acquire All acquisition was successful SPT-CA-29 Acquire-All data objects acquisition. SPT-CA-30 Select-All data objects acquisition.

# 5.2.122 SPT-24 (iPhone4 CDMA)

Test Case SPT	-24 SecureView3 v3.8.0	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.	
Assertions:	SPT-A0-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 13:55:44 EDT 2012	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Fri Aug 3 13:55:44 EDT 2012 Acquisition finished: Fri Aug 3 13:58:13 EDT 2012 Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

# 5.2.123 SPT-25 (iPhone4 CDMA)

Test Case SPT-25 SecureView3 v3.8.0		
Case	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 13:59:05 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	

-25 SecureView3 v3.8.0	
Created by SecureView3 v3.8.0	
Acquisition started: Fri Aug 3 13:59:05 EDT 2012	
Acquisition finished: Fri Aug 3 14:01:38 EDT 2012	
Complete representation of known data via preview-pane was	successful
Assertion & Expected Result	Actual Result
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Expected results achieved	
	Created by SecureView3 v3.8.0 Acquisition started: Fri Aug 3 13:59:05 EDT 2012 Acquisition finished: Fri Aug 3 14:01:38 EDT 2012 Complete representation of known data via preview-pane was Assertion & Expected Result SPT-AO-26 Comparison of known device data elements via preview-pane.

## 5.2.124 SPT-33 (iPhone4 CDMA)

Test Case SPT	-33 SecureView3 v3.8.0	
Case	SPT-33 Acquire mobile device internal memory and review dat	a containing
Summary:	non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 14:02:06 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	5	
	Non-ASCII Address book entries were acquired and properly d Non-ASCII text messages were acquired and properly displaye	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.125 SPT-38 (iPhone4 CDMA)

Test Case SPT-38 SecureView3 v3.8.0		
Case	SPT-38 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Aug 3 14:11:19 EDT 2012	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	

Test Case SPI	I-38 SecureView3 v3.8.0	
Setup:	Interface: cable	
Log Highlights:		
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected

# 5.2.126 SPT-01 (HTC Thunderbolt)

Test Case SP1	C-01 SecureView3 v3.8.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	ed interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 08:19:07 EDT 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Tue Aug 7 08:19:07 EDT 2012	
	Acquisition finished: Tue Aug 7 08:22:14 EDT 2012	
	Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via	as expected
	supported reports.	_
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition. SPT-CA-31 Select-Individual data objects acquisition.	as expected as expected

Test Case SPT-01 SecureView3 v3.8.0			
	payload for modifications.		
Analysis:	Expected results achieved		

## 5.2.127 SPT-02 (HTC Thunderbolt)

Test Case SPT	-02 SecureView3 v3.8.0
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Aug 7 08:22:39 EDT 2012
Device:	unsupported_device
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Tue Aug 7 08:22:39 EDT 2012
	Acquisition finished: Tue Aug 7 08:29:14 EDT 2012
	Identification of nonsupported devices was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-02 Identification of nonsupported devices. as expected
Analysis:	Expected results achieved

## 5.2.128 SPT-03 (HTC Thunderbolt)

Test Case SPT-03 SecureView3 v3.8.0			
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.		
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Aug 7 08:29:41 EDT 2012		
Device:	HTC_Thunderbolt		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Tue Aug 7 08:29:41 EDT 2012		
	Acquisition finished: Tue Aug 7 08:31:19 EDT 2012		
	Device acquisition disruption notification was successful		
Results:			
	Assertion & Expected Result Actual Result		
	SPT-CA-03 Notification of device acquisition disruption. as expected		
Analysis:	Expected results achieved		

# 5.2.129 SPT-04 (HTC Thunderbolt)

Test Case SP1	I-04 SecureView3 v3.8.0	
Case	SPT-04 Acquire mobile device internal memory and review reported data via	
Summary:	the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition	of the target
	device without error then the tool shall have the ability to	-
	acquired data objects in a useable format via either a previ	ew-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Tue Aug 7 08:31:52 EDT 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Tue Aug 7 08:31:52 EDT 2012	
	Acquisition finished: Tue Aug 7 08:35:20 EDT 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-04 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

### 5.2.130 SPT-06 (HTC Thunderbolt)

Test Case SPT	-06 SecureView3 v3.8.0
Case	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Aug 7 08:35:56 EDT 2012
Device:	HTC_Thunderbolt
Source	OS: WIN XP v5.1.2600

Test Case SPT	-06 SecureView3 v3.8.0		
Setup:	Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 08:35:56 EDT 2012 Acquisition finished: Tue Aug 7 08:40:35 EDT 2012 Regular Length Address Book entries were acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired		
	Notes: Maximum length address book entries were truncated. 71 characters out of 126 characters were reported. Graphics files associated with address book entries were not reported. Memo entries were not reported.		
Results:	Assertion & Expected Result	Actual Result	
	SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes). SPT-CA-14 Acquisition of maximum length PIM data.	as expected Not as expected as expected as expected as expected Not as expected Not as expected as expected as expected	
Analysis:	Partial results achieved		

# 5.2.131 SPT-07 (HTC Thunderbolt)

Test Case SPT	Test Case SPT-07 SecureView3 v3.8.0		
Case	SPT-07 Acquire mobile device internal memory and review reported call logs.		
Summary:			
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Aug 7 08:46:43 EDT 2012		
Device:	HTC_Thunderbolt		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 08:46:43 EDT 2012 Acquisition finished: Tue Aug 7 08:48:04 EDT 2012		

	All Call Log date/time stamps data were correctly repo	orted
Results:	·	
	Assertion & Expected Result	Actual Result
	SPT-CA-15 Acquisition of call logs.	as expected
	SPT-CA-16 Acquisition of call log date/time stamps.	as expected

## 5.2.132 SPT-08 (HTC Thunderbolt)

Test Case SPT	-08 SecureView3 v3.8.0		
Case	SPT-08 Acquire mobile device internal memory and review reported text		
Summary:	messages.		
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Aug 7 08:48:55 EDT 2012		
Device:	HTC Thunderbolt		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 08:48:55 EDT 2012 Acquisition finished: Tue Aug 7 09:23:41 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text message correctly reported	ages were	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-17 Acquisition of text messages.	as expected	
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	
	SPT-CA-19 Acquisition of text message status flags.	as expected	
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected	
Analysis:	Expected results achieved		

### 5.2.133 SPT-09 (HTC Thunderbolt)

Test Case SPT-09 SecureView3 v3.8.0		
Case	SPT-09 Acquire mobile device internal memory and review reported MMS multi-	
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be	

Test Case SPT	-09 SecureView3 v3.8.0	
	presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisitio device without error then MMS messages and associated grap be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisitio device without error then MMS messages and associated vide presented in a useable format.	hic files shall n of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 09:25:22 EDT 2012	
Device:	HTC_Thunderbolt	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 09:25:22 EDT 2012 Acquisition finished: Tue Aug 7 09:30:17 EDT 2012 ALL MMS messages (Audio, Image, Video) were acquired	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	as expected
	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected
	SPT-CA-23 Acquisition of video MMS messages.	as expected
Analysis:	Expected results achieved	

# 5.2.134 SPT-10 (HTC Thunderbolt)

Test Case SPI	I-10 SecureView3 v3.8.0	
Case	SPT-10 Acquire mobile device internal memory and review reported stand-	
Summary:	alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 09:36:07 EDT 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 09:36:07 EDT 2012 Acquisition finished: Tue Aug 7 09:40:07 EDT 2012 Audio files were not acquired Image files were not acquired Video files were not acquired	
Results:		

	Assertion & Expected Result	Actual Result
	SPT-CA-24 Acquisition of stand-alone audio files.	Not as expected
	SPT-CA-25 Acquisition of stand-alone graphic files.	Not as expected
	SPT-CA-26 Acquisition of stand-alone video files.	Not as expected
Analysis:	Expected results not achieved	

# 5.2.135 SPT-12 (HTC Thunderbolt)

Test Case SPT	-12 SecureView3 v3.8.0	
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet-related data (i.e., bookmarks, visited sites.	
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet-related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 09:41:00 EDT 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 09:41:00 EDT 2012 Acquisition finished: Tue Aug 7 09:43:00 EDT 2012	
	All Internet-related data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-28 Acquisition of Internet-related data.	as expected
Analysis:	Expected results achieved	

# 5.2.136 SPT-13 (HTC Thunderbolt)

Test Case SPT	-13 SecureView3 v3.8.0
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of
Summary:	supported data elements.
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Aug 7 09:43:35 EDT 2012
Device:	HTC_Thunderbolt
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 09:43:35 EDT 2012 Acquisition finished: Tue Aug 7 09:47:24 EDT 2012

	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Analysis:	Expected results achieved	

### 5.2.137 SPT-24 (HTC Thunderbolt)

Test Case SPT	-24 SecureView3 v3.8.0	
Case	SPT-24 Acquire mobile device internal memory and review reported data via	
Summary:	supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 09:48:42 EDT 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Tue Aug 7 09:48:42 EDT 2012	
	Acquisition finished: Tue Aug 7 10:16:25 EDT 2012	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via	as expected
	generated reports.	
Analysis:	Expected results achieved	

# 5.2.138 SPT-25 (HTC Thunderbolt)

Test Case SPT-25 SecureView3 v3.8.0	
Case	SPT-25 Acquire mobile device internal memory and review reported data via
Summary:	the preview pane.
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Aug 7 09:49:13 EDT 2012
Device:	HTC_Thunderbolt
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 09:49:13 EDT 2012 Acquisition finished: Tue Aug 7 10:16:38 EDT 2012 Complete representation of known data via preview-pane was successful

Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.139 SPT-33 (HTC Thunderbolt)

	-33 SecureView3 v3.8.0	
Case	SPT-33 Acquire mobile device internal memory and review da	ta containing
Summary:	non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display o	
	characters then the application should present address book	k entries in
	their native format.	
	SPT-AO-41 If the cellular forensic tool supports proper di	
	ASCII characters then the application should present text i	messages in their
	native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 10:17:13 EDT 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Tue Aug 7 10:17:13 EDT 2012	
	Acquisition finished: Tue Aug 7 10:23:29 EDT 2012	
	Non-ASCII Address book entries were acquired and properly displayed	
	Non-ASCII text messages were acquired and properly display	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-40 Acquisition of non-ASCII address book	as expected
	entries/ADNs.	_
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
		, <u> </u>
Analysis:	Expected results achieved	

# 5.2.140 SPT-38 (HTC Thunderbolt)

Test Case SPT	-38 SecureView3 v3.8.0
Case	SPT-38 Acquire mobile device internal memory and review hash values for
Summary:	vendor supported data objects.
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Aug 7 10:29:35 EDT 2012
Device:	HTC_Thunderbolt
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by SecureView3 v3.8.0
Highlights:	Acquisition started: Tue Aug 7 10:29:35 EDT 2012

	Acquisition finished: Tue Aug 7 10:30:28 EDT 2012	
	Hash values were properly reported for individually acquatelements	ired device data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected

# 5.2.141 SPT-01 (Palm Pre 2)

Test Case SPI	-01 SecureView3 v3.8.0	
Case	SPT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for con- the target device then the tool shall successfully recognize a device via all vendor supported interfaces (e.g., cable, Blued SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to p acquired data objects in a useable format via either a preview generated report. SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option then the tool shall the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a individual device data objects then the tool shall complete th of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with a "Select Individual" device data objects for acquisition then a acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool provides the user with a acquire each exclusive data object without error.	the target tooth, IrDA). f the target present w-pane or an "Acquire ll complete a "Select All" he acquisition the ability to the tool shall we logical
	objects) on the mobile device shall remain consistent.	
Tester	rpa	
Name:	Tha	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 12:26:28 EDT 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Tue Aug 7 12:26:28 EDT 2012	
-	Acquisition finished: Tue Aug 7 12:30:56 EDT 2012	
	Device connectivity was established via supported interface	
-	Device connectivity was established via supported interface	
Results:	Departies C Emerted Deput	Jatua I
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via	as expected
	supported reports.	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device	as expected
	payload for modifications.	
Analysis:	Expected results achieved	

#### 5.2.142 SPT-02 (Palm Pre 2)

Test Case SPT	-02 SecureView3 v3.8.0		
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.		
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Aug 7 12:31:18 EDT 2012		
Device:	unsupported_device		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Tue Aug 7 12:31:18 EDT 2012		
	Acquisition finished: Tue Aug 7 12:35:07 EDT 2012		
	Identification of nonsupported devices was successf	ul	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected	
Analysis:	Expected results achieved		

### 5.2.143 SPT-03 (Palm Pre 2)

Test Case SPT	-03 SecureView3 v3.8.0	
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 12:35:37 EDT 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 12:35:37 EDT 2012	
	Acquisition finished: Tue Aug 7 13:07:34 EDT 2012	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result Actual Result	lt
	SPT-CA-03 Notification of device acquisition disruption. as expected	
Analysis:	Expected results achieved	

## 5.2.144 SPT-04 (Palm Pre 2)

Test Case SPT-	-04 SecureView3 v3.8.0
Case	SPT-04 Acquire mobile device internal memory and review reported data via
Summary:	the preview-pane or generated reports for readability.

Test Case SP	I-04 SecureView3 v3.8.0	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to acquired data objects in a useable format via either a previe generated report.	present
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 13:08:00 EDT 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 13:08:00 EDT 2012 Acquisition finished: Tue Aug 7 13:22:12 EDT 2012 Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.145 SPT-10 (Palm Pre 2)

	-10 SecureView3 v3.8.0		
Case	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:	SPT-CA-24 If a cellular forensic tool completes acqui device without error then stand-alone audio files sha useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acqui device without error then stand-alone graphic files si useable format via either an internal application or application. SPT-CA-26 If a cellular forensic tool completes acqui device without error then stand-alone video files sha useable format via either an internal application or application.	<pre>11 be presented in a suggested third-party sition of the target hall be presented in a suggested third-party sition of the target 11 be presented in a</pre>	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Tue Aug 7 13:35:05 EDT 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Tue Aug 7 13:35:05 EDT 2012		
	Acquisition finished: Tue Aug 7 13:40:22 EDT 2012		
	ALL stand-alone data files (Audio, Image, Video) were	acquired	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	
	SPT-CA-25 Acquisition of stand-alone graphic files. as expected		
	SPT-CA-26 Acquisition of stand-alone video files. as expected		

Test Case SPT	-10 SecureView3 v3.8.0
Analysis:	Expected results achieved

### 5.2.146 SPT-13 (Palm Pre 2)

Test Case SPT	-13 SecureView3 v3.8.0		
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Aug 7 13:41:03 EDT 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 13:41:03 EDT 2012		
	Acquisition finished: Tue Aug 7 13:50:19 EDT 2012		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition.	as expected	
Deslarist	Trenantad manulta askingad		
Analysis:	Expected results achieved		

#### 5.2.147 SPT-24 (Palm Pre 2)

Test Case SPT	-24 SecureView3 v3.8.0	
Case	SPT-24 Acquire mobile device internal memory and review repor	ted data via
Summary:	supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of device without error then the tool shall present the acquired useable format via supported generated report formats.	2
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 13:50:48 EDT 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by SecureView3 v3.8.0	
Highlights:	Acquisition started: Tue Aug 7 13:50:48 EDT 2012	
	Acquisition finished: Tue Aug 7 13:53:24 EDT 2012	
	Complete representation of known data via generated reports w	as successful
Results:		
	Assertion & Expected Result	Actual Result

Test Case SPT-24 SecureView3 v3.8.0		
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

# 5.2.148 SPT-25 (Palm Pre 2)

Test Case SPT	-25 SecureView3 v3.8.0	
Case	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Aug 7 13:54:10 EDT 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by SecureView3 v3.8.0 Acquisition started: Tue Aug 7 13:54:10 EDT 2012 Acquisition finished: Tue Aug 7 13:58:53 EDT 2012 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.149 SPT-38 (Palm Pre 2)

Test Case SPT-38 SecureView3 v3.8.0			
Case	SPT-38 Acquire mobile device internal memory and review hash	n values for	
Summary:	vendor supported data objects.		
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for		
	data objects then the tool shall present the user with a has	sh value for	
	each supported data object.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Aug 7 14:01:12 EDT 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by SecureView3 v3.8.0		
Highlights:	Acquisition started: Tue Aug 7 14:01:12 EDT 2012		
	Acquisition finished: Tue Aug 7 14:05:53 EDT 2012		
	Hash values were properly reported for individually acquired	d device data	
	elements		
Results:	<u> </u>		
	Assertion & Expected Result	Actual	
		Result	
	SPT-AO-43 Acquire data, check known hash values for	as expected	

Test Case SPT-38 SecureView3 v3.8.0			
	consistency.		
Analysis:	Expected results achieved		

#### About the National Institute of Justice

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

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#### **Strategic Goals**

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#### Creating relevant knowledge and tools

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

#### Dissemination

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

#### Agency management

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

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