

	NIJ
Special	REPORT
Test Results for Mobile Device Acquisition Tool: Susteen DataPilot Secure View 1.8.0	

www.ojp.usdoj.gov/nij

U.S. Department of Justice Office of Justice Programs

810 Seventh Street N.W. Washington, DC 20531

Michael B. Mukasey
Attorney General

Jeffrey L. Sedgwick
Acting Assistant Attorney General

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

This and other publications and products of the National Institute of Justice can be found at:

National Institute of Justice

www.ojp.usdoj.gov/nij

Office of Justice Programs



OCT. 08

Test Results for Mobile Device Acquisition Tool: Susteen DataPilot Secure View 1.8.0



David W. Hagy

Director, National Institute of Justice

This report was prepared for the National Institute of Justice, U.S. Department of Justice, by the Office of Law Enforcement Standards of the National Institute of Standards and Technology under Interagency Agreement 2003–IJ–R–029.

The National Institute of Justice is a component of the Office of Justice Programs, which also includes the Bureau of Justice Assistance, the Bureau of Justice Statistics, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime.

Test Results for Mobile Device Acquisition Tool:

Susteen DataPilot Secure View 1.8.0



Contents

1	Resu	lts Summary	. 2
2	Test	Case Selection	. 3
3	Resu	lts by Test Assertion	. 5
	3.1	Acquisition of MSISDN	10
	3.2	EMS Messages	10
	3.3	Connectivity Disruption	10
	3.4	Subscriber Information	11
	3.5	Foreign Character Display	11
	3.6	Acquisition Reports	11
4	Testi	ng Environment	12
	4.1	Test Computers	12
5	Test	Results	13
	5.1	Test Results Report Key	13
	5.2	Test Details	14
	5.2.1	CFT-IM-01 (Nokia 6101)	14
	5.2.2	CFT-IM-02 (Nokia 6101)	16
	5.2.3	CFT-IM-03 (Nokia 6101)	18
	5.2.4	CFT-IM-04 (Nokia 6101)	20
	5.2.5	CFT-IM-05 (Nokia 6101)	22
	5.2.6	CFT-IM-06 (Nokia 6101)	24
	5.2.7	CFT-IM-07 (Nokia 6101)	26
	5.2.8	CFT-IM-08 (Nokia 6101)	28
	5.2.9	CFT-IM-10 (Nokia 6101)	30
	5.2.1	0 CFT-IMO-01 (Nokia 6101)	32
	5.2.1	1 CFT-IMO-09 (Nokia 6101)	34
	5.2.1	2 CFT-IMO-11 (Nokia 6101)	36
	5.2.1	3 CFT-SIM-01 (T-Mobile SIM)	38
	5.2.1	4 CFT-SIM-02 (T-Mobile SIM)	39
	5.2.1	5 CFT-SIM-03 (T-Mobile SIM)	40
	5.2.1	6 CFT-SIM-04 (T-Mobile SIM)	41
	5.2.1	7 CFT-SIM-05 (T-Mobile SIM)	42
	5.2.1	8 CFT-SIM-06 (T-Mobile SIM)	43
	5.2.1	9 CFT-SIM-07 (T-Mobile SIM)	45
	5.2.2	0 CFT-SIM-08 (T-Mobile SIM)	46
	5.2.2	1 CFT-SIM-09 (T-Mobile SIM)	47
	5.2.2	2 CFT-SIM-10 (T-Mobile SIM)	48
	5.2.2	3 CFT-SIMO-01 (T-Mobile SIM)	49
	5.2.2	4 CFT-SIMO-05 (T-Mobile SIM)	50
	5.2.2		
	5.2.2	6 CFT-SIMO-08 (T-Mobile SIM)	53
	5.2.2	,	54
	5.2.2	·	
	522	,	56

5.2.30	CFT-IM-02 (Motorola RAZR V3)	58
5.2.31	CFT-IM-03 (Motorola RAZR V3)	60
5.2.32	CFT-IM-04 (Motorola RAZR V3)	62
5.2.33	CFT-IM-05 (Motorola RAZR V3)	64
5.2.34	CFT-IM-06 (Motorola RAZR V3)	66
5.2.35	CFT-IM-07 (Motorola RAZR V3)	68
5.2.36	CFT-IM-08 (Motorola RAZR V3)	70
5.2.37	CFT-IM-10 (Motorola RAZR V3)	72
5.2.38	CFT-IMO-01 (Motorola RAZR V3)	74
5.2.39	CFT-IMO-09 (Motorola RAZR V3)	76
5.2.40	CFT-IMO-11 (Motorola RAZR V3)	78
5.2.41	CFT-SIM-01 (AT&T SIM)	80
5.2.42	CFT-SIM-02 (AT&T SIM)	81
5.2.43	CFT-SIM-03 (AT&T SIM)	82
5.2.44	CFT-SIM-04 (AT&T SIM)	83
5.2.45	CFT-SIM-05 (AT&T SIM)	84
5.2.46	CFT-SIM-06 (AT&T SIM)	85
5.2.47	CFT-SIM-07 (AT&T SIM)	87
5.2.48	CFT-SIM-08 (AT&T SIM)	88
5.2.49	CFT-SIM-09 (AT&T SIM)	89
5.2.50	CFT-SIM-10 (AT&T SIM)	91
5.2.51	CFT-SIMO-01 (AT&T SIM)	92
5.2.52	CFT-SIMO-05 (AT&T SIM)	93
5.2.53	CFT-SIMO-07 (AT&T SIM)	95
5.2.54	CFT-SIMO-08 (AT&T SIM)	97
5.2.55	CFT-SIMO-09 (AT&T SIM)	98
5.2.56	CFT-SIMO-11 (AT&T SIM)	99

Introduction

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

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

This document reports the results from testing Susteen's Secure View, version 1.8.0, against the *GSM Mobile Device and Associated Media Tool Specification and Test Plan Version 1.1*, available at the CFTT Web site (http://www.cftt.nist.gov/GSM-Mobile-Device-and-Associated-Media-Tool-Specification-and-Test-Plan.pdf). Collected data packets (sent and received data transmissions) for mobile device internal memory acquisitions and SIM internal memory acquisitions, captured via a port monitoring utility, are posted at www.cftt.nist.gov/mobile_devices.htm.

Test results from other software packages and the CFTT tool methodology can be found on NIJ's computer forensics tool testing Web

page, http://www.ojp.usdoj.gov/nij/topics/technology/electronic-crime/cftt.htm.

Test Results for Mobile Device Data Acquisition Tool

Tool Tested: Susteen Data Pilot Secure View for Forensics

Version: 1.8.0

Run Environments: Windows XP Service Pack 2

Supplier: Susteen, Inc.

Address: 8001 Irvine Center Dr. Suite 1500

Irvine, CA 92618

Tel: 949–341–0007 Fax: 949–341–0008

WWW: http://www.mobileforensics.com

1 Results Summary

Except for the following test cases (CFT-IM-05, CFT-IM-08, CFT-IMO-09, CFT-SIM-03, CFT-SIM-06, CFT-SIM-09, CFT-SIMO-01, CFT-SIMO-05), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices and associated media (i.e., Nokia 6101, T-Mobile SIM, Motorola RAZR V3, AT&T SIM). The exceptions are the following:

- 1. The MSISDN was not acquired from the Nokia 6101. (CFT–IM–05)
- 2. EMS messages (messages over 160 characters) are not reported in their entirety. Messages are truncated after the 160th character. (CFT–IM–08)
- 3. Address book entries (i.e., Device Internal Memory-contacts) containing foreign characters (i.e., Chinese) are not displayed. Foreign text messages (i.e., French, Chinese) present in the device internal memory are either partially acquired but not properly displayed, or not reported (i.e., Chinese text messages Motorola RAZR). (CFT–IMO–09)
- 4. No warning messages are displayed to the examiner of SIM connectivity issues during acquisition, if the SIM is pulled from the reader. (CFT–SIM–03)
- 5. The Service Provider Name (SPN) is not reported from the SIM acquisitions. (CFT–SIM–06)
- 6. EMS messages present on the AT&T SIM, with the status of Unread were acquired but not properly presented (i.e., the text characters were not consistent with the pre-defined data set. The reported characters were random ASCII characters and symbols. (CFT–SIM–09)
- 7. Complete representation of known data contained on the internal memory of the AT&T SIM presented via generated reports was not consistent with the predefined dataset. (CFT–SIMO–01)
- 8. Deleted EMS messages present on the AT&T SIM were partially acquired but not properly presented. (CFT–SIMO–05)

2 Test Case Selection

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

Table 1 Selected Test Cases

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-08, 10), CFT-SIM-(01-
	10)
Acquire mobile device internal memory and	CFT-IMO-01
review data via supported generated report	
formats	
Acquire mobile device internal memory and	CFT-IMO-09
review data containing foreign language	
characters	
Acquire mobile device internal memory and	CFT-IMO-11
review hash values for vendor supported data	
objects	
Acquire SIM internal memory and review	CFT-SIMO-01
acquired data via supported generated report	
formats	
Acquire SIM internal memory and review	CFT-SIMO-05
reports for recoverable deleted data	
Acquire SIM internal memory and review data	CFT-SIMO-07
containing foreign language characters	
Begin acquisition on a PIN protected SIM to	CFT-SIMO-08
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	
Begin acquisition on a SIM whose PIN	CFT-SIMO-09
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.	
Acquire SIM internal memory and review the	CFT-SIMO-11
overall case file hash.	

Table 2 Omitted Test Cases

Unsupported Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and	CFT-IM-09
review reported MMS multimedia related data	
(i.e., text, audio, graphics, video)	
Acquire mobile device internal memory and	CFT-IMO-02
review reported data via the preview pane	
Acquire mobile device internal memory and	CFT-IMO-03
compare reported data via the preview pane and	
supported generated report formats	
After a successful mobile device internal	CFT-IMO-04
memory acquisition, alter the case file via third	
party means and attempt to re-open the case	
Perform a physical acquisition and review data	CFT-IMO-05
output for readability	
Perform a physical acquisition and review	CFT-IMO-06
reports for recoverable deleted data	
Create a SIM access card via vendor	CFT-IMO-07
documentation	
Acquire mobile device internal memory and	CFT-IMO-08
review generated log files	
Perform a stand-alone mobile device internal	CFT-IMO-10
memory acquisition and review the status flags	
for text messages present on the SIM	
Acquire mobile device internal memory and	CFT-IMO-12
review the overall case file hash	
Acquire SIM internal memory and review	CFT-SIMO-02
acquired data via the preview-pane	
Acquire SIM internal memory and compare	CFT-SIMO-03
acquired data via the preview pane and	
supported generated reports	
After a successful SIM internal memory	CFT-SIMO-04
acquisition, alter the case file via third party	
means and attempt to re-open the case	
Acquire SIM internal memory and review	CFT-SIMO-06
generated log files	
Acquire SIM internal memory and review hash	CFT-SIMO-10
values for vendor supported data objects	

3 Results by Test Assertion

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

Table 3 Assertions Tested

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

		1
address book entries shall be presented in a human-readable format		
without modification.	4	
A_IM-12 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known graphics associated with address		
book entries shall be presented in a human-readable format without		
modification.		
A_IM-13 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known datebook, calendar, and note entries		
shall be presented in a human-readable format without modification.		
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all maximum length datebook, calendar, and		
note entries shall be presented in a human readable format without		
modification.		
A_IM-15 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all call logs (incoming/outgoing) shall be		
presented in a human-readable format without modification.		
A_IM-16 If a cellular forensic tool successfully completes acquisition	1	3.2
of the target device then all text messages (i.e., SMS, EMS) messages		
shall be presented in a human-readable format without modification.		
A_IM-20 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone audio files shall be playable via		
either an internal application or suggested third-party application		
without modification.		
A_IM-21 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone image files shall be viewable via		
either an internal application or suggested third-party application		
without modification.		
A_IM-22 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone video files shall be viewable via		
either an internal application or suggested third-party application		
without modification.		
A_SIM-23 If a cellular forensic tool provides support for connectivity	9	
of the target SIM then the tool shall successfully recognize the target		
SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary		
reader).		
A_SIM-24 If a cellular forensic tool attempts to connect to a non-	1	
supported SIM then the tool shall have the ability to identify that the	1	
SIM is not supported.		
A_SIM-25 If a cellular forensic tool encounters disengagement	1	3.3
between the SIM reader and application then the application shall notify	1	3.3
the user that connectivity has been disrupted.		
A_SIM-26 If the SIM is password-protected then the cellular forensic	1	
tool shall provide the examiner with the opportunity to input the PIN	1	
before acquisition.		
A_SIM-27 If a cellular forensic tool successfully completes acquisition	6	
· · · · · · · · · · · · · · · · · · ·	0	
of the target SIM then the tool shall have the ability to present acquired		

data in a human-readable format via either preview pane or generated		
report. A_SIM-28 If a cellular forensic tool successfully completes acquisition of the target SIM then the SPN shall be presented in a human-readable	1	3.4
format without modification.		
A_SIM-29 If a cellular forensic tool successfully completes acquisition of the target SIM then the ICCID shall be presented in a human-readable format without modification.	1	
A_SIM-30 If a cellular forensic tool successfully completes acquisition	1	
of the target SIM then the IMSI shall be presented in a human-readable format without modification.	1	
A_SIM–31 If a cellular forensic tool successfully completes acquisition of the target SIM then the MSISDN shall be presented in a human-readable format without modification.	1	
A_SIM–32 If a cellular forensic tool successfully completes acquisition of the target SIM then all Abbreviated Dialing Numbers (ADN) shall be presented in a human-readable format without modification.	1	
A_SIM–33 If a cellular forensic tool successfully completes acquisition of the target SIM then all Last Numbers Dialed (LND) shall be presented in a human-readable format without modification.	1	
A_SIM–34 If a cellular forensic tool successfully completes acquisition of the target SIM then all SMS text messages shall be presented in a human-readable format without modification.	1	
A_SIM–35 If a cellular forensic tool successfully completes acquisition of the target SIM then all EMS text messages shall be presented in a human-readable format without modification.	1	3.2
A_SIM–36 If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., LOCI) shall be presented in a human-readable format without modification.	1	
A_SIM–37 If a cellular forensic tool successfully completes acquisition of the target SIM then all location related data (i.e., GRPSLOCI) shall be presented in a human-readable format without modification.	1	
A_IMO–38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.	8	
A_IMO–39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.	8	
A_IMO–53 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.	1	3.5
A_IMO–54 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.	1	3.5

A_IMO–56 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for	1	
each supported data object.		
A_SIMO-58 If a cellular forensic tool successfully completes	6	3.6
acquisition of the target media (i.e., SIM) then the tool shall present the		
acquired data in a human-readable format without modification via		
supported generated report formats.		
A_SIMO-59 If a cellular forensic tool successfully completes	6	
acquisition of the SIM then the tool shall present the acquired data in a		
human-readable format without modification in a preview-pane view.		
A_SIMO-60 If a cellular forensic tool provides a preview-pane view	1	
and a generated report of the acquired data then the reports shall		
maintain consistency of all reported data elements.		
A_SIMO-61 If modification is attempted to the case file or individual	1	
data elements via third-party means then the tool shall provide		
protection mechanisms disallowing or reporting data modification.		
A_SIMO-62 If the cellular forensic tool successfully completes	1	
acquisition of the target SIM and recoverable deleted SMS messages		
exist then the tool shall present recoverable deleted data in a human-		
readable format without modification.		
A_SIMO-63 If the cellular forensic tool successfully completes	1	3.2
acquisition of the target SIM and recoverable deleted EMS messages		
exist then the tool shall present recoverable deleted data in a human-		
readable format without modification.		
A_SIMO-65 If the cellular forensic tool supports proper display of	1	
foreign language character sets then the application should present		
abbreviated dialing numbers (ADNs) containing foreign language		
characters in their native format without modification.		
A_SIMO-66 If the cellular forensic tool supports proper display of	1	
foreign language character sets then the application should present text		
messages containing foreign language characters in their native format		
without modification.		
A_SIMO-67 If a cellular forensic tool provides the examiner with the	1	
remaining number of authentication attempts then the application should		
provide an accurate count of the remaining PIN attempts.		
A_SIMO-68 If a cellular forensic tool provides the examiner with the	1	
remaining number of PUK attempts then the application should provide		
an accurate count of the remaining PUK attempts.		
A_SIMO-70 If the cellular forensic tool supports hashing for the	1	
overall case file then the tool shall present the user with one hash value		
representative of the entire case data.		

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

Table 4 Assertions Not Tested

Assertions not Tested

- **A_IM-17** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.
- **A_IM-18** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.
- **A_IM-19** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
- **A_IMO-40** If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.
- **A_IMO-41** If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
- **A_IMO-42** If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.
- **A_IMO-43** If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted data or address book data remnants in a human-readable format.
- **A_IMO-44** If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note data remnants in a human-readable format.
- **A_IMO-45** If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call or call log data remnants in a human-readable format.
- **A_IMO**–46 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.
- **A_IMO–47** If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.
- **A_IMO**–48 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.
- **A_IMO-49** If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.
- **A_IMO-50** If the cellular forensic tool supports a physical acquisition of video files

present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.

- **A_IMO–51** If the cellular forensic tool supports SIM access card creation then the card creation shall be completed without errors via manufacturer suggested protocols.
- **A_IMO**–**52** If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.
- **A_IMO-55** If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
- **A_IMO-57** If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.
- **A_SIMO–60** If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.
- **A_SIMO–61** If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
- **A_SIMO-64** If a cellular forensic tool supports the creation of log files then the application should present the log files in a human-readable format outlining the acquisition process.
- **A_SIMO–69** If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object

3.1 Acquisition of MSISDN

Secure View does not report the MSISDN when performing an internal memory acquisition on the Nokia 6101. However, the MSISDN is acquired and reported when performing an internal memory acquisition on the Motorola RAZR V3.

3.2 EMS Messages

EMS messages (i.e., messages over 160 characters) present on the internal memory of the Nokia 6101 and Motorola RAZR V3 were truncated and a maximum of 160 characters were reported.

EMS messages present on the internal memory of the AT&T SIM where messages contained a status of UNREAD and DELETED were partially acquired but not properly presented i.e., the data reported was not consistent with the predefined dataset. The reported characters were random ASCII characters and symbols.

3.3 Connectivity Disruption

When disengaging the Subscriber Identity Module (SIM) from the USB reader during an acquisition, Secure View does not provide the examiner with a warning message of media connectivity issues. The acquisition finishes normally displaying data acquired up to the point of media disruption.

3.4 Subscriber Information

The Service Provider Name (SPN) present on both the T-Mobile and AT&T SIM was not acquired or reported.

3.5 Foreign Character Display

Contacts containing foreign characters (i.e., Chinese) residing on the device internal memory of both the Nokia 6101 and Motorola RAZR V3 were not displayed.

Text messages residing on the internal memory of the Nokia 6101 containing foreign characters (i.e., French, Chinese) were partially acquired but not properly displayed. Text messages residing on the internal memory of the Motorola RAZR V3 containing foreign characters (i.e., French) were partially acquired but not properly displayed. Chinese text messages on the Motorola RAZR V3 were not displayed (i.e., the textual portion was blank).

Note: All supporting fonts and language packs are installed. SIM acquisitions displayed foreign characters without error.

3.6 Acquisition Reports

Complete representation of known data present on the AT&T SIM via Secure View's generated reports was unsuccessful in presenting a consistent report with the known dataset for UNREAD and DELETED EMS messages.

4 Testing Environment

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

4.1 Test Computers

One test computers was used.

Morrisy has the following configuration:

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

5 Test Results

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

5.1 Test Results Report Key

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

Table 5 Test Results Report Key

Heading	Description	
First Line:	Test case ID, name, and version of tool tested.	
Case Summary:	Test case summary from GSM Mobile Device and	
	Associated Media Tool Specification and Test Plan Version	
	1.1.	
Assertions:	The test assertions applicable to the test case, selected from	
	GSM Mobile Device and Associated Media Tool	
	Specification and Test Plan Version 1.1.	
Tester Name:	Name or initials of person executing test procedure.	
Test Host:	Host computer executing the test.	
Test Date:	Time and date that test was started.	
Device:	Source mobile device, media (i.e., SIM).	
Source Setup:	Outline of data object types populated on the device or	
	associated media (i.e., SIM).	
Log Highlights:	Information extracted from various log files to illustrate	
	conformance or 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

5.2.1 CFT-IM-01 (Nokia 6101)

Test Case CFT-IM-01 Susteen Secure View Version 1.8.0			
Case	CFT-IM-01 Acquire mobile device internal memory over supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target		
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
Manhau Namat			
Tester Name: Test Host:	rpa Morrisy		
Test Date:	Thu May 22 13:15:58 EDT	2008	
Device:	Nokia 6101	2000	
Source	OS: WIN XP		
Setup:	Interface: USB, IrDA		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	Marriana Tanakh	
		Maximum Length	
		Regular Length Deleted Entry	
		Special Character	
	Call Logs	Special Character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	odegoing mad Defected	
	This responde	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-IM-01 Susteen Secure View Version 1.8.0		
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Thu May 22 13:15:58 EDT 2008 Acquisition finished: Thu May 22 13:46:30 EDT 2008 Device connectivity was established via supported (i.e., cable) interface Notes: IrDA acquisition not supported.	
Results:	Aggestion C Espected Regult	Actual Result
	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

5.2.2 CFT-IM-02 (Nokia 6101)

Case Summary: Assertions: Tester Name: Test Host: Test Date:	device. A_IM-02 If a cellular for device then the tool shall not supported. rpa Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	Il memory acquisition of a non-supported mobile rensic tool attempts to connect to a non-supported a have the ability to identify that the device is
Summary: Assertions: Tester Name: Test Host: Test Date: Device: Source	device. A_IM-02 If a cellular for device then the tool shall not supported. rpa Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	rensic tool attempts to connect to a non-supported. I have the ability to identify that the device is
Assertions: Tester Name: Test Host: Test Date: Device: Source	device then the tool shall not supported. rpa Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	l have the ability to identify that the device is
Tester Name: Test Host: Test Date: Device: Source	device then the tool shall not supported. rpa Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	l have the ability to identify that the device is
Tester Name: Test Host: Test Date: Device: Source	not supported. rpa Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	
Tester Name: Test Host: Test Date: Device: Source	rpa Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	
Test Host: Test Date: Device: Source	Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	
Test Host: Test Date: Device: Source	Morrisy Fri May 23 08:45:06 EDT 2 non-supported mobile devi	
Test Date: Device: Source	Fri May 23 08:45:06 EDT 2 non-supported mobile devi	2000
Device: Source	non-supported mobile devi	(111)8
Source		
	OS: WIN XP	
Secup.	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	DATA ELEMENTS
	Address Book Entries	Manufacture Tarabah
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logg	Special character
	Call Logs	M2 3
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	Outgoing video
	Stand-alone data files	71.
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
Log	Created By Secure View Ve	ergion 1 8 0

Test Case CFT-IM-02 Susteen Secure View Version 1.8.0				
Highlights:	Acquisition started: Fri May 23 08:45:06 EDT 2008			
	Acquisition finished: Fri May 23 08:46:29 EDT 2008			
	Identification of non-supported devices was successful			
Results:				
	Assertion & Expected Result	Actual Result		
	A_IM-02 Identification of non-supported devices.	as expected		
Analysis:	Expected results achieved			

5.2.3 CFT-IM-03 (Nokia 6101)

Test Case CFT-IM-03 Susteen Secure View Version 1.8.0			
Case Case CFT			
Summary:	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
HODEL CIOIIS.			
	the target device then the tool shall successfully recognize the t device via all vendor supported interfaces (e.g., cable, Bluetooth		
		rensic tool encounters disengagement between the	
		hen the application shall notify the user that	
	connectivity has been dis		
	conneceivity has been an	or apoca.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri May 23 08:48:56 EDT	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
I		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	-	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	_	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
İ		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Ì		VIGCO DETECCO	
	1		

Test Case CFT	-IM-03 Susteen Secure View Version 1.8.0	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 08:48:56 EDT 2008 Acquisition finished: Fri May 23 08:51:26 EDT 2008 Device connectivity was established via supported interface acquisition disruption notification was successful Notes: Connectivity Error Message Displayed: Communication Error	1
Results:	Assertion & Expected Result	Actual Result
	A_IM-01 Device connectivity via supported interfaces.	as expected
	A_IM-03 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

5.2.4 CFT-IM-04 (Nokia 6101)

	TW 04 (INOKIA O IU I)	Transier 1 0 0
	-IM-04 Susteen Secure View	
Case		device internal memory and review reported data
Summary:	via the preview-pane or generated reports for readability. A_IM-01 If a cellular forensic tool provides support for connectivity of	
Assertions:		
		ne tool shall successfully recognize the target opported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
	_	ne tool shall have the ability to present acquired
		-readable format via either a preview-pane or
	generated report.	
Tester	rpa	
Name:	ıpa	
Test Host:	Morrisy	
Test Date:	Fri May 23 09:23:35 EDT 2	2000
Device:	Nokia 6101	2008
Source	OS: WIN XP	
Setup:	Interface: cable	
secup.	DATA OBJECTS	DATA ELEMENTS
		DATA ELEMENIS
	Address Book Entries	Marrimum Langth
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special character
	Call Hogs	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
	Stand arone data files	Audio
		Audio - Deleted
		Image
	 	
		Image - Deleted
		Image - Deleted Video Video - Deleted

Test Case CFT	C-IM-04 Susteen Secure View Version 1.8.0	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 09:23:35 EDT 2008 Acquisition finished: Fri May 23 09:32:47 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
Results:	Assertion & Expected Result	Actual Result
	A_IM-01 Device connectivity via supported interfaces.	as expected
	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

5.2.5 CFT-IM-05 (Nokia 6101)

	ew Version 1.8.0	
CFT-IM-05 Acquire mobile	e device internal memory and review reported	
	t related information (i.e., IMEI, MSISDN).	
A_IM-01 If a cellular forensic tool provides support for connectivity		
the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	orensic tool successfully completes acquisition of	
	the tool shall have the ability to present acquired n-readable format via either a preview-pane or	
	n-readable format via efficier a preview-pane of	
-	orensic tool successfully completes acquisition of	
_	subscriber related information shall be presented in	
a human-readable format		
	orensic tool successfully completes acquisition of	
3	equipment related information shall be presented in	
a human-readable format	without modification.	
rpa		
Morrisy		
Fri May 23 09:33:46 EDT	2008	
Nokia_6101		
	DATE TO THE THE THE THE	
	DATA ELEMENTS	
Address Book Entries	Maximum Length	
	Regular Length, email, picture	
	Special Character	
	Blank Name	
	Regular Length, Deleted email - deleted picture	
	Deleted Entry	
	Foreign Entry	
PIM Data		
	Maximum Length	
	Regular Length	
	Deleted Entry	
	Special Character	
Call Logs		
	Missed	
	Missed - Deleted	
	Incoming	
	Incoming - Deleted	
	Outgoing Polated	
Toxt Moggagog	Outgoing - Deleted	
Text Messages	Incoming SMS - Read	
	Incoming SMS - Unread	
	Incoming SMS - Deleted	
	Outgoing SMS	
	Outgoing SMS - Deleted	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
	Outgoing EMS	
	Outgoing EMS - Deleted	
MMS Messages		
	Incoming Audio	
	Incoming Image	
	Incoming Video	
1	Outgoing Audio	
	Out to die a Trace	
	Outgoing Image Outgoing Video	
	subscriber and equipmen A_IM-01 If a cellular f the target device then device via all vendor s A_IM-04 If a cellular f the target device then data elements in a huma generated report. A_IM-05 If a cellular f the target device then a human-readable format A_IM-06 If a cellular f the target device then a human-readable format rpa Morrisy Fri May 23 09:33:46 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data Call Logs Text Messages	

Test Case CFT	-IM-05 Susteen Secure View Version 1.8.0		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log Highlights: Results:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 09:33:46 EDT 2008 Acquisition finished: Fri May 23 09:41:01 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired		
Results:	Assertion & Expected Result	Actual Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A_IM-05 Acquisition of MSISDN.	Not as	
		expected	
	A_IM-06 Acquisition of IMEI.	as expected	
Analysis:	Partial expected results achieved		

5.2.6 CFT-IM-06 (Nokia 6101)

	-IM-06 Susteen Secure Vie	w Version 1 8 0	
Case		e device internal memory and review reported PIM	
Summary:	related data.	device internal memory and review reported rim	
Assertions:		prensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
	device via all vendor su	apported interfaces (e.g., cable, Bluetooth, IrDA).	
	A_IM-04 If a cellular fo	prensic tool successfully completes acquisition of	
	_	the tool shall have the ability to present acquired	
	data elements in a human-readable format via either a preview-pane or generated report.		
	A_IM-07 If a cellular forensic tool successfully completes acquisition of		
	the target device then all known address book entries shall be presented in		
	a human-readable format without modification. A_IM-08 If a cellular forensic tool successfully completes acquisition of		
		all known maximum length address book entries shall	
	_	readable format without modification.	
	_	prensic tool successfully completes acquisition of	
	the target device then a	all known address book entries containing special	
	characters shall be pres	sented in a human-readable format without	
	modification.		
	_	prensic tool successfully completes acquisition of	
	_	all known address book entries containing blank	
	<u> </u>	d in a human-readable format without modification.	
	_	prensic tool successfully completes acquisition of all known email addresses associated with address	
		resented in a human-readable format without	
	modification.	escribed in a naman readable format without	
		prensic tool successfully completes acquisition of	
		all known graphics associated with address book	
	entries shall be present	ted in a human-readable format without modification.	
	A_IM-13 If a cellular fo	prensic tool successfully completes acquisition of	
	_	all known datebook, calendar, note entries shall be	
	_	adable format without modification.	
	_	prensic tool successfully completes acquisition of	
	_	all maximum length datebook, calendar, note entries	
	shall be presented in a	human readable format without modification.	
Tester	rpa		
Tester Name:	rpa		
	rpa Morrisy		
Name:	_	2008	
Name: Test Host:	Morrisy	2008	
Name: Test Host: Test Date:	Morrisy Fri May 23 09:43:07 EDT	2008	
Name: Test Host: Test Date: Device:	Morrisy Fri May 23 09:43:07 EDT Nokia_6101	2008	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP	2008 DATA ELEMENTS	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable		
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming - Deleted Outgoing	
Name: Test Host: Test Date: Device: Source	Morrisy Fri May 23 09:43:07 EDT Nokia_6101 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted	

	Incoming SMS - Read	
	Incoming SMS - Unread	
	Incoming SMS - Deleted	
	Outgoing SMS	
	Outgoing SMS - Deleted	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
	Outgoing EMS	
	Outgoing EMS - Deleted	
	MMS Messages	
	Incoming Audio	
	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
	Video Beleted	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 09:43:07 EDT 2008 Acquisition finished: Fri May 23 09:49:24 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
Dogult -		
KESHIIS:	All address book entries were successfully acquired ALL PIM related data was acquired	
Results:		Actual Result
results:	ALL PIM related data was acquired Assertion & Expected Result	Result
results:	ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	
results:	ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Result as expected as expected
results:	ASSERTION & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries.	as expected as expected as expected
results:	ASSERTION & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book	Result as expected as expected
results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing	as expected as expected as expected
RESUILS:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a	as expected as expected as expected as expected as expected
results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	as expected as expected as expected as expected as expected as expected
results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected
results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries.	as expected
results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	as expected
Analysis:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected

5.2.7 CFT-IM-07 (Nokia 6101)

	TW 07 (NOKIA 6 IUI)	- Wanging 1 0 0	
	-IM-07 Susteen Secure View	device internal memory and review reported call	
Case Summary:	logs.	device internal memory and review reported call	
Assertions:			
Asser Cions.	the target device then the tool shall successfully recognize the target		
	_	pported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of	
		he tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
	generated report.		
	A_IM-15 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then a	ll call logs (incoming/outgoing) shall be presented	
	in a human-readable form	at without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri May 23 09:52:14 EDT	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable	DAMA TI TIVITIVI	
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	Outgoing Video	
	Stand-alone data files	Outgoing Video Audio	
	Stand-alone data files		

Test Case CFT	-IM-07 Susteen Secure View Version 1.8.0		
	Image - Deleted		
	Video		
	Video - Deleted		
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 09:52:14 EDT 2008		
mightighes.	Acquisition finished: Fri May 23 09:55:59 EDT 2008		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired		
7. 1.			
Results:	Assertion & Expected Result	Actual	
	Assertion & Expected Result	Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A_IM-15 Acquisition of call logs.	as expected	
Analysis:	Expected results achieved		

5.2.8 CFT-IM-08 (Nokia 6101)

	Test Case CFT-IM-08 Susteen Secure View Version 1.8.0		
Case			
Summary:	messages.		
Assertions:	_	rensic tool provides support for connectivity of	
110001010110	the target device then the tool shall successfully recognize the target		
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A_IM-04 If a cellular forensic tool successfully completes acquisition of		
	the target device then t	he tool shall have the ability to present acquired	
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
		rensic tool successfully completes acquisition of	
		ll text messages (i.e., SMS, EMS) messages shall be	
	presented in a human-rea	dable format without modification.	
Tester	rpa		
Name:	Managina		
Test Host:	Morrisy	2000	
Test Date:	Fri May 23 09:56:34 EDT	2008	
Device: Source	Nokia_6101 OS: WIN XP		
Setup:	Interface: cable		
nerup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA ELEMENTS	
	Address Book Entries	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	Foreign Entry	
	TIM Baca	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
	call logs	Missed	
		Missed - Deleted	
	_	Incoming	
	_	Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	3 3	
	3	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
1	Stand-alone data files		
İ		Audio	
		Audio - Deleted	
		Image	

Test Case CFT	-IM-08 Susteen Secure View Version 1.8.0		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Fri May 23 09:56:34 EDT 2008 Acquisition finished: Fri May 23 10:02:45 EDT 2008		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	Partial Text messages were acquired		
	Notes:		
	The first 160 characters of EMS messages are only reported. Text messages that contain foreign language characters are not reported or		
	displayed in their native language format.		
Results:			
Results.	Assertion & Expected Result	Actual	
	ABBOTOTO & HAPCOCOU REBUTE	Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A_IM-16 Acquisition of text messages.	Partial	
Analysis:	Partial expected results achieved		

5.2.9 CFT-IM-10 (Nokia 6101)

Test Case CFT	-IM-10 Susteen Secure View	w Version 1.8.0	
Case		device internal memory and review reported stand-	
Summary:	alone multi-media data (i.e., audio, graphics, video).	
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target		
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired		
		-readable format via either a preview-pane or	
	generated report.	manaja taal ayaaagafullu gammlataa agayjajtian of	
		rensic tool successfully completes acquisition of ll stand-alone audio files shall be playable via	
		cation or suggested third-party application without	
	modification.	cation of suggested third-party application without	
		rensic tool successfully completes acquisition of	
		ll stand-alone image files shall be viewable via	
	_	cation or suggested third-party application without	
	modification.		
		rensic tool successfully completes acquisition of	
I		ll stand-alone video files shall be viewable via	
I	either an internal appli	cation or suggested third-party application without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri May 23 10:08:11 EDT	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable	T	
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Manadaman Tanada	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DIM Data	Foreign Entry	
	PIM Data	Marrimum Longth	
		Maximum Length	
		Regular Length	
		Deleted Entry Special Character	
	Call Logs	Shectal Character	
	Call DOSS	Missed	
		Missed - Deleted	
		Incoming Incoming - Deleted	
		Outgoing Outgoing - Deleted	
	Text Messages	ourAntid - hetered	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Read Incoming SMS - Unread	
		Incoming SMS - Unread Incoming SMS - Deleted	
		Outgoing SMS - Defeted	
		Outgoing SMS - Deleted	
Ì		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
İ		Outgoing EMS - Deleted	
	MMS Messages		
	MMS Messages	Incoming Audio	

Test Case CFT	-IM-10 Susteen Secure View Version 1.8.0			
	Incoming Image			
	Incoming Video			
	Outgoing Audio	Outgoing Audio		
	Outgoing Image			
	Outgoing Video			
	Stand-alone data files			
	Audio			
	Audio - Deleted			
	Image			
	Image - Deleted			
	Video			
	Video - Deleted			
Log	Created By Secure View Version 1.8.0			
Highlights:	Acquisition started: Fri May 23 10:08:11 EDT 2008	isition started: Fri May 23 10:08:11 EDT 2008		
	Acquisition finished: Fri May 23 10:12:01 EDT 2008			
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful			
	ALL stand-alone data files (Audio, Image, Video) were acquired			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	A_IM-01 Device connectivity via supported interfaces.	as expected		
	A_IM-04 Readability and completeness of acquired data via as expected			
	supported reports.			
	A_IM-20 Acquisition of stand-alone audio files.	as expected		
	A_IM-21 Acquisition of stand-alone graphic files.	as expected		
	A_IM-22 Acquisition of stand-alone video files.	as expected		
Analysis:	Expected results achieved			

5.2.10 CFT-IMO-01 (Nokia 6101)

-TMO-01 Sugteen Secure Wit	w Vergion 1 8 0
	e device internal memory and review reported data
	orensic tool successfully completes acquisition of
	he tool shall present the acquired data without
modificación via support	ed generated report rormats.
rpa	
-	2008
_	2000
_	
	DATA ELEMENTS
Hadress Been Energe	Maximum Length
	Regular Length, email, picture
	Special Character
	Blank Name
	Regular Length, Deleted email - deleted picture
	Deleted Entry
	Foreign Entry
PIM Data	
	Maximum Length
	Regular Length
	Deleted Entry
	Special Character
Call Logs	bpcciai character
Call Logs	Missed
	Missed - Deleted
	Incoming
	Incoming - Deleted
	Outgoing
	Outgoing - Deleted
Text Messages	0.0000000000000000000000000000000000000
10110 110224302	Incoming SMS - Read
	Incoming SMS - Unread
	Incoming SMS - Deleted
	Outgoing SMS
	Outgoing SMS - Deleted
	Incoming EMS - Read
	Incoming EMS - Unread
	Incoming Foreign EMS - Read
	Incoming EMS - Deleted
	Outgoing EMS
	Outgoing EMS - Deleted
MMS Messages	
	Incoming Audio
	Incoming Image
	Incoming Video
	Outgoing Audio
	Outgoing Image
	Outgoing Video
Stand-alone data files	000001119 V1000
Stand atone data files	Audio
	Audio - Deleted
	Image
	Image - Deleted
	Video Polotod
L	Video - Deleted
1	
	via supported generated A_IMO-38 If a cellular f

Test Case CFT	-IMO-01 Susteen Secure View Version 1.8.0	
Highlights:	Acquisition started: Fri May 23 10:13:17 EDT 2008 Acquisition finished: Fri May 23 10:24:28 EDT 2008 Complete representation of known data via generated reports v	was successful
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-38 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.11 CFT-IMO-09 (Nokia 6101)

_	5.2.11			
	Test Case CFT-IMO-09 Susteen Secure View Version 1.8.0 Case CFT-IMO-09 Acquire mobile device internal memory and review data containing			
Case Summarv:				
Assertions:	foreign language charact	forensic tool successfully completes acquisition of		
Assertions.				
	the target device then the tool shall present the acquired data without			
	modification via supported generated report formats. A_IMO-39 If a cellular forensic tool successfully completes acquisition of			
		the tool shall present the acquired data without		
	modification in a preview			
	_	r forensic tool supports proper display of foreign		
	_	then the application should present address book		
	entries containing fore:	ign language characters in their native format		
	without modification.			
		r forensic tool supports proper display of foreign		
		then the application should present text messages		
		uage characters in their native format without		
	modification.			
Tester	rpa			
Name:	Manadan			
Test Host: Test Date:	Morrisy	2000		
Test Date: Device:	Fri May 23 10:25:00 EDT Nokia_6101	2000		
Source	OS: WIN XP			
Setup:	Interface: cable			
ъссир.	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries			
	madrobb boon Enerrob	Maximum Length		
		Regular Length, email, picture		
	_	Special Character		
	_	Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
	Incoming EMS - Unread Incoming Foreign EMS - Read			
		Incoming EMS - Deleted		
		Outgoing EMS - Deleted		
	MMC Moggogo	Outgoing EMS - Deleted		
	MMS Messages	Ingoming Audio		
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio Outgoing Image		
		1 100 00 00 10308		
		Outgoing Video		

Test Case CFT	-IMO-09 Susteen Secure View Version 1.8.0	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 10:25:00 EDT 2008 Acquisition finished: Fri May 23 10:35:22 EDT 2008 Complete representation of known data via generated reports Partial foreign character Address book entries were acquired Partial foreign character text messages were acquired but no displayed Notes: Contacts containing foreign characters (i.e., Chinese) were Text messages containing foreign characters (i.e., French, C partially acquired but not properly displayed.	t properly
Results:	Assertion & Expected Result	Actual Result
	A_IMO-38 Comparison of known device data elements via generated reports.	as expected
	A_IMO-39 Comparison of known device data elements via preview-pane.	as expected
	A_IMO-53 Acquisition of address book entries containing foreign language characters.	Partial
	A_IMO-54 Acquisition of outgoing text messages containing	Not as
	foreign language characters.	expected
Analysis:	Expected results Not achieved	

5.2.12 CFT-IMO-11 (Nokia 6101)

Test Case CFT	-IMO-11 Susteen Secure Vie	w Version 1.8.0	
Case	CFT-IMO-11 Acquire mobile device internal memory and review hash values for		
Summary:	vendor supported data obj		
Assertions:	A TMO-38 If a cellular for	prensic tool successfully completes acquisition of	
ABBCI CIOIB.		ne tool shall present the acquired data without	
	modification via supported generated report formats. A_IMO-39 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall present the acquired data without modification in a preview-pane view.		
		forensic tool supports hashing for individual data	
		all present the user with a hash value for each	
	supported data object.	all present the user with a hash value for each	
	supported data object.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri May 23 10:57:18 EDT 2	2008	
Device:	Nokia_6101		
Source	OS: WIN XP		
Setup:	Interface: cable		
Decap	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	1401 CDD DOOK EHELLES	Maximum Length	
		9	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
	Tene Hebbageb	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Unread Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Stand alone data liles	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	

Test Case CFT	-IMO-11 Susteen Secure View Version 1.8.0		
	Video - Deleted		
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Fri May 23 10:57:18 EDT 2008		
	Acquisition finished: Fri May 23 11:03:00 EDT 2008 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Device hash reporting for individual acquired data elements was successful		
	Notes: MD5 hashes supported for individually acquired files (e.g., Images, Video, Music, Ringtones, etc.)		
Results:	Describing A Translation of Translation	Actual	
	Assertion & Expected Result	Result	
	A_IMO-38 Comparison of known device data elements via generated reports.	as expected	
	A_IMO-39 Comparison of known device data elements via preview-pane.	as expected	
	A_IMO-56 Device hash reporting for individual acquired data objects.	as expected	
Analysis:	Expected results achieved		

5.2.13 CFT-SIM-01 (T-Mobile SIM)

Test Case CFT	-SIM-01 Susteen Secure View Version 1	8.0	
Case	CFT-SIM-01 Acquire SIM over supported interfaces (e.g., PC/SC reader,		
Summary:	proprietary reader).		
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of		
	the target SIM then the tool shall successfully recognize the target SIM		
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary		
	reader).		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue May 20 08:38:54 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Characte	er
		Blank Name	
		Regular Length -	- Deleted Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dia	aled (LND)
	Text Messages		
		Incoming SMS - F	Read
		Incoming SMS - F	oreign
		Incoming SMS - D	
		Incoming SMS - U	Inread
		Incoming Foreign	n EMS - Read
		Incoming EMS - D	Deleted
Log	Created By Secure View Version 1.8.0)	
Highlights:	Acquisition started: Tue May 20 08:3		
	Acquisition finished: Tue May 20 08	:48:10 EDT 2008	
	Media connectivity was established was	via supported inte	rface
_			
Results:			
	Assertion & Expected Result		Actual Result
	A_SIM-23 SIM connectivity via suppo	orted interfaces.	as expected
Analysis:	Expected results achieved		

5.2.14 CFT-SIM-02 (T-Mobile SIM)

Summary: Assertions:	CFT-SIM-02 Attempt acquisition of a	non-supported	STM.	
Assertions:				
	A_SIM-24 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall have the ability to identify that the SIM is not supported.			
Tester Name:	rpa			
	Morrisy			
Test Date:	Tue May 20 08:49:48 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEM	ENTS	
	Abbreviated Dialing Numbers (ADN)			
		Maximum Len	gth	
		Special Cha	racter	
		Blank Name		
		Regular Len	gth - Deleted Number	
		Foreign Ent	ry	
	Call Logs		_	
	Last Numbers Dialed (LND)			
	Text Messages			
	Incoming SMS - Read			
	Incoming SMS - Foreign			
	Incoming SMS - Deleted			
		Incoming SM	S - Unread	
		Incoming Fo	reign EMS - Read	
		Incoming EM	S - Deleted	
	Charted Dr. Corner View Version 1 0 (
Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Tue May 20 08:49:48 EDT 2008 Acquisition finished: Tue May 20 08:50:34 EDT 2008 Identification of non-supported media was successful			
Results:				
	Assertion & Expected Result		Actual Result	
	A_SIM-24 Identification of non-supported SIMs. as expected			
Analysis:	Expected results achieved			

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

Test Case CFT	-SIM-03 Susteen Secure View Version 1	1.8.0	
Case	CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-25 If a cellular forensic tool encounters disengagement between the SIM reader and application then the application shall notify the user that connectivity has been disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue May 20 08:51:37 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
	Tibble Tarea Blaing nambers (TBH)	Maximum Length	
		Special Character	•
		Blank Name	:
		Regular Length -	Deleted Number
		Foreign Entry	Defected Number
	Call Logs	rereign mery	
	0411 2095	Last Numbers Dial	ed (LND)
	Text Messages	East Nambers Star	ica (END)
	Telle Hebbugeb	Incoming SMS - Re	ead
		Incoming SMS - Fo	
		Incoming SMS - De	
		Incoming SMS - Un	
		Incoming Foreign	
		Incoming EMS - De	
Log Highlights: Created By Secure View Version 1.8.0 Acquisition started: Tue May 20 08:51:37 EDT 2008 Acquisition finished: Tue May 20 08:53:38 EDT 2008 Media connectivity was established via supported interface Media acquisition disruption notification was not successful			
	Notes: No warning messages are displayed to issues. The acquisition finishes not the point of media disruption.		
Results:			
	Assertion & Expected Result		Actual Result
	A_SIM-23 SIM connectivity via supp		as expected
	A_SIM-25 Notification of SIM acqui	sition disruption.	Not as expected
Analysis:	Expected results Not achieved		
-	_		

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

Test Case CFT	-SIM-04 Susteen Secure View Version 1	.8.0	
Case	CFT-SIM-04 Attempt acquisition on a password-protected SIM.		
Summary:			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of		
	the target SIM then the tool shall successfully recognize the target SI		ne target SIM
	<pre>via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-26 If the SIM is password-protected then the cellular forensic tool</pre>		
	shall provide the examiner with the	opportunity to input the	e PIN before
	acquisition.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue May 20 09:40:39 EDT 2008		
Device:	TMOBILE SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Бесир.	DATA OBJECTS	DATA ELEMENTS	
		DATA BEEMBATE	
	Abbreviated Dialing Numbers (ADN)	Marrimum Langth	
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delet	ed Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (L	ND)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Read
		Incoming EMS - Deleted	
		111001111111111111111111111111111111111	
Log	Created By Secure View Version 1.8.0)	
Highlights:	Acquisition started: Tue May 20 09:4		
mightights.	Acquisition finished: Tue May 20 09:		
	rioquibicion rinibilea. rae hay 20 05.	30 10 121 2000	
	Media connectivity was established v	via supported interface	
	Ability to enter PIN on protected me		vas successful
	imility to effect the off proceeded me	Cara Derore dequipreron v	.as successiui
Results:			
icourcs.	Assertion & Expected Result		Actual
	Assertion & Expected Result		Result
	A CIM 22 CIM gonzantiitic	ontod intenferer	
	A_SIM-23 SIM connectivity via suppo		as expected
	A_SIM-26 Password entry before acqu	usition for protected	as expected
	SIMs.		
Analysis:	Expected results achieved		

5.2.17 CFT-SIM-05 (T-Mobile SIM)

Test Case CFT	Test Case CFT-SIM-05 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-05 Acquire SIM internal memory and review reported data via the			
Summary:	preview-pane or generated reports for readability.			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 09:51:33 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Deleted	d Number	
		Foreign Entry		
	Call Logs	7	- \	
		Last Numbers Dialed (LNI))	
	Text Messages	Turneying CMC Pari		
		Incoming SMS - Read		
		Incoming SMS - Foreign Incoming SMS - Deleted		
		Incoming SMS - Deleted Incoming SMS - Unread		
		Incoming Foreign EMS - I	Pead	
		Incoming EMS - Deleted	Keau	
		incoming his beleeced		
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Tue May 20 09:51:33 EDT 2008 Acquisition finished: Tue May 20 10:00:15 EDT 2008			
	Media connectivity was established via supported interface Readability and completeness of acquired data was successful			
Results:	Aggregation C Bronnerted Doguit		Actual	
	Assertion & Expected Result		Result	
	A_SIM-23 SIM connectivity via supp	orted interfaces	as expected	
	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen		as expected	
	supported reports.		and only cooled	
Analugia:	Exposted results ashioved			
Analysis:	Expected results achieved			

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

Test Case CFT	-SIM-06 Susteen Secure View Version 1	1.8.0	
Case	CFT-SIM-06 Acquire SIM internal mem		ubscriber and
Summary:	equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).		
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of		
ABBCI CIOIIB.	the target SIM then the tool shall		_
	via all vendor supported interfaces		
	reader).	(e.g., rc/sc reader, pro	priecary
	A_SIM-27 If a cellular forensic too	l suggessfully completes	agguigition of
	the target SIM then the tool shall		_
	data in a human-readable format via		_
	report.	erther preview-pane or g	ellerated
	A_SIM-28 If a cellular forensic too	l guggoggfully gomplotog	agguigition of
	the target SIM then the SPN shall b		_
	without modification.	e presented in a numan-re	adable lolmat
		1	
	A_SIM-29 If a cellular forensic too	ha	acquisition of
	the target SIM then the ICCID shall	be presented in a numan-	readable format
	without modification.	1	
	A_SIM-30 If a cellular forensic too		
	the target SIM then the IMSI shall	be presented in a human-r	eadable format
	without modification.		
	A_SIM-31 If a cellular forensic too		
	the target SIM then the MSISDN shal	ı be presented in a human	-readable
	format without modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue May 20 10:10:51 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	ed Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (LN	ID)
	Text Messages	Tabe Hambell States (Er	,
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Read
		Incoming EMS - Deleted	
Log	Created By Secure View Version 1.8.		
Highlights:	Acquisition started: Tue May 20 10:		
	Acquisition finished: Tue May 20 10	:16:43 EDT 2008	
	Media connectivity was established	= =	
	Readability and completeness of acq	uired data was successful	
	SPN was not acquired		
	ICCID was acquired		
	IMSI was acquired		
	MSISDN was acquired		
Results:			
	Assertion & Expected Result		Actual
		<u> </u>	Result
	A_SIM-23 SIM connectivity via supp	orted interfaces.	as expected
	A_SIM-27 Readability and completen	ess of acquired data via	as expected
	supported reports.	_	=
	<u> </u>		

Test Case CFT	Test Case CFT-SIM-06 Susteen Secure View Version 1.8.0			
	A_SIM-28 Acquisition of SPN.	Not as		
		expected		
	A_SIM-29 Acquisition of ICCID.	as expected		
	A_SIM-30 Acquisition of IMSI.	as expected		
	A_SIM-31 Acquisition of MSISDN.	as expected		
		<u>.</u>		
Analysis:	Partial expected results achieved			

5.2.19 CFT-SIM-07 (T-Mobile SIM)

Test Case CFT	Test Case CFT-SIM-07 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated			
Summary:	Dialing Numbers (ADN).			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of			
	the target SIM then the tool shall s			
	via all vendor supported interfaces	(e.g., PC/SC reader, prop	rietary	
	reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated			
	report. A_SIM-32 If a cellular forensic tool	l guggoggfylly gomplotog s	amidition of	
	the target SIM then all Abbreviated		_	
	presented in a human-readable format	-	iii be	
	presented in a naman readable format	without modification.		
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 10:26:55 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - 1	Read	
		Incoming EMS - Deleted		
T 0 0	Created By Secure View Version 1.8.0	<u> </u>		
Log Highlights:	Acquisition started: Tue May 20 10:2			
mightights.	Acquisition finished: Tue May 20 10:2			
	Acquisición finisma. Tue may 20 10	.30.31 EDI 2000		
	Media connectivity was established v	via supported interface		
	Readability and completeness of acqu			
	All ADNs were acquired			
	-			
Results:				
	Assertion & Expected Result		Actual	
			Result	
	A_SIM-23 SIM connectivity via suppo		as expected	
	A_SIM-27 Readability and completen	ess of acquired data via	as expected	
	supported reports.			
	A_SIM-32 Acquisition of ADNs.		as expected	
Analysis:	Expected results achieved			

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

Test Case CFT	Test Case CFT-SIM-08 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-08 Acquire SIM internal memory and review reported Last Numbers			
Summary:	Dialed (LND).			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of			
	the target SIM then the tool shall s			
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report. A_SIM-33 If a cellular forensic tool successfully completes acquisition of			
	the target SIM then all Last Numbers			
	human-readable format without modifi	cation.		
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 11:55:14 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted Incoming SMS - Unread		
		Incoming Foreign EMS - 1	Pead	
		Incoming EMS - Deleted	Reau	
		Incoming EMS - Defected		
Log	Created By Secure View Version 1.8.0)		
Highlights:	Acquisition started: Tue May 20 11:5			
	Acquisition finished: Tue May 20 12:	:02:21 EDT 2008		
	Media connectivity was established v	via supported interface		
	Readability and completeness of acqu	ired data was successful		
	LNDs were acquired			
Results:	Demonstra & Francis 1 7 2:		3	
	Assertion & Expected Result		Actual	
	A CTM 22 CTM gopposticites and	out od intenferer	Result	
	A_SIM-23 SIM connectivity via support		as expected	
	A_SIM-27 Readability and completene	ess or acquired data via	as expected	
	supported reports. A_SIM-33 Acquisition of LNDs.		ag expected	
	A_SIM-33 ACQUISICION OI DNDS.		as expected	
Analysis:	Expected results achieved			
111011010.	The court of a control actific ved			

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

Test Case CFT	-SIM-09 Susteen Secure View Version 1	1.8.0	
Case	CFT-SIM-09 Acquire SIM internal memory and review reported text messages		
Summary:	(i.e., SMS, EMS).		
Assertions:	A_SIM-23 If a cellular forensic too		
	the target SIM then the tool shall s		
	via all vendor supported interfaces	(e.g., PC/SC reader, prop	orietary
	reader).		
	A_SIM-27 If a cellular forensic tool		-
	the target SIM then the tool shall he data in a human-readable format via		
	report.	erther preview-pane or ge	eneraced
	A_SIM-34 If a cellular forensic tool	l successfully completes a	acquisition of
	the target SIM then all SMS text mes		
	readable format without modification		
	A_SIM-35 If a cellular forensic too	l successfully completes a	cquisition of
	the target SIM then all EMS text mes	ssages shall be presented	in a human-
	readable format without modification	n.	
The set of the set of			
Tester Name: Test Host:	rpa Morrisy		
Test Date:	Tue May 20 12:03:26 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
	Call Laws	Foreign Entry	
	Call Logs	Last Numbers Dialed (LN	D)
	Toxt Magazgag	Last Numbers Dialed (LN.	D)
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	
		<u> </u>	
Log	Created By Secure View Version 1.8.0	0	
Highlights:	Acquisition started: Tue May 20 12:0	03:26 EDT 2008	
	Acquisition finished: Tue May 20 12:08:54 EDT 2008		
	Media connectivity was established		
	Readability and completeness of acqu		
	ALL text messages (SMS, EMS) were ac	cquired	
Results:			
Results:	Assertion & Expected Result		Actual
Results:			Actual Result
Results:	A_SIM-23 SIM connectivity via supp		Result as expected
Results:	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen		Result
Results:	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen- supported reports.	ess of acquired data via	Result as expected as expected
Results:	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen- supported reports. A_SIM-34 Acquisition of SMS messag	ess of acquired data via	as expected as expected as expected
Results:	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen- supported reports.	ess of acquired data via	Result as expected as expected
Results:	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen- supported reports. A_SIM-34 Acquisition of SMS messag	ess of acquired data via	as expected as expected as expected

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

Test Case CFT	-SIM-10 Susteen Secure View Version 1	L.8.0	
Case	CFT-SIM-10 Acquire SIM internal memory and review reported location related		
Summary:	data (i.e., LOCI, GPRSLOCI).		
Assertions:	A SIM-23 If a cellular forensic tool provides support for connectivity of		
	the target SIM then the tool shall s		-
	via all vendor supported interfaces		
	reader).	(1.5., 11, 50 11, 51, 71, 71, 71, 71, 71, 71, 71, 71, 71, 7	
	A_SIM-27 If a cellular forensic too.	l successfully completes a	acquisition of
	the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated		
	report.	F F 3-	
	A_SIM-36 If a cellular forensic too.	l successfully completes a	acquisition of
	the target SIM then all location re		
	presented in a human-readable format		
	A_SIM-37 If a cellular forensic too.		acquisition of
	the target SIM then all location re		_
	presented in a human-readable format		,
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue May 20 12:30:54 EDT 2008		
Device:	TMOBILE SIM		
	OS: WIN XP		
Source			
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	d Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (LN	D)
	Text Messages		·
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Poad
			Reau
		Incoming EMS - Deleted	
Log	Created By Secure View Version 1.8.		
Highlights:	Acquisition started: Tue May 20 12:		
	Acquisition finished: Tue May 20 12	:45:45 EDT 2008	
	Media connectivity was established		
	Readability and completeness of acqu	uired data was successful	
	LOCI data was acquired		
	GPRSLOCI data was acquired		
Results:			,
	Assertion & Expected Result		Actual
			Result
	A_SIM-23 SIM connectivity via supp		as expected
	A_SIM-27 Readability and completen	ess of acquired data via	as expected
	supported reports.		
	A_SIM-36 Acquisition of LOCI infor	mation.	as expected
,	II_DIN SO NOGGEDICION OI EGGI INICI		
	A_SIM-37 Acquisition of GPRSLOCI is	nformation.	as expected
		nformation.	as expected
		nformation.	as expected
Analysis:		nformation.	as expected

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

Test Case CFT	-SIMO-01 Susteen Secure View Version	1.8.0	
Case	CFT-SIMO-01 Acquire SIM internal memory and review acquired data via		
Summary:	suported generated report formats.		
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition		
	the target media (i.e., SIM) then the	he tool shall present the	acquired data
	in a human-readable format without modification via supported generat		
	report formats.		
Tester	rpa		
Name:	i pu		
Test Host:	Morrisy		
Test Date:	Wed May 21 10:30:34 EDT 2008		
Device:	TMOBILE_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	ed Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (LN	ND)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	D 1
		Incoming Foreign EMS -	Read
		Incoming EMS - Deleted	
Log	Created By Secure View Version 1.8.0	0	
Highlights:	Acquisition started: Wed May 21 10:3	30:34 EDT 2008	
	Acquisition finished: Wed May 21 10:36:58 EDT 2008		
	Complete representation of known date	ta via generated reports	was successful
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-58 Comparison of known SIM	data elements via	as expected
	generated reports.		
Analysis:	Expected results achieved		

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

Test Case CFT-SIMO-05 Susteen Secure View Version 1.8.0				
Case Summary:	CFT-SIMO-05 Acquire SIM internal met deleted data.	mory and review reports f	or recoverable	
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats. A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats. A_SIMO-62 If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted SMS messages exist then the tool shall present recoverable deleted data in a human-readable format without modification. A_SIMO-63 If the cellular forensic tool successfully completes acquisition of the target SIM and recoverable deleted EMS messages exist then the tool shall present recoverable deleted data in a human-readable format without			
	modification.			
Tester	rna			
Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed May 21 10:38:52 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name Regular Length - Delete	d Number	
		Foreign Entry	ed Nullber	
	Call Logs	roreign Enery		
	Call Hogs	Last Numbers Dialed (LN	ID)	
	Text Messages	Dase Hambers Branea (Er	,	
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -	Read	
		Incoming EMS - Deleted		
Log	Created By Secure View Version 1.8.	n		
Highlights:	Acquisition started: Wed May 21 10:			
	Acquisition finished: Wed May 21 10	:46:02 EDT 2008		
	Complete representation of known date	ta via generated reports	was successful	
	Deleted SMS data was recovered			
	Deleted EMS data was recovered			
Results:				
VERUICE.	Assertion & Expected Result		Actual	
	I I I I I I I I I I I I I I I I I I I		Result	
	A_SIMO-58 Comparison of known SIM	data elements via	as expected	
	generated reports.			
	A_SIMO-59 Comparison of known SIM	data elements via	as expected	
	preview-pane.			
	A_SIMO-62 Recovery of deleted SMS	messages.	as expected	
	A_SIMO-63 Recovery of deleted EMS		as expected	
			_	
Analysis:	Expected results achieved			

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

Test Case CFT-SIMO-07 Susteen Secure View Version 1.8.0				
Case Summary:	CFT-SIMO-07 Acquire SIM internal mer language characters.	mory and review data conta	ining foreign	
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition the target media (i.e., SIM) then the tool shall present the acquired do in a human-readable format without modification via supported generated report formats. A_SIMO-59 If a cellular forensic tool successfully completes acquisition the target media (i.e., SIM) then the tool shall present the acquired do in a human-readable format without modification via supported generated report formats.			
	A_SIMO-65 If the cellular forensic tool supports proper display of foreign language character sets then the application should present abbreviated dialing numbers (ADN) containing foreign language characters in their native format without modification. A_SIMO-66 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.			
Tester	rpa			
Name: Test Host:	Morrisy			
Test Date:	Wed May 21 10:48:09 EDT 2008			
Device:	TMOBILE_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
	Tibbleviacea Bialling Nambelb (TibN)	Maximum Length		
		Special Character		
		_		
		Blank Name	1 27 1	
		Regular Length - Delete	a Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
			D 3	
		Incoming Foreign EMS - 1	Read	
		Incoming EMS - Deleted		
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Wed May 21 10: Acquisition finished: Wed May 21 10	48:09 EDT 2008		
	Complete representation of known data via generated reports was successful ADNs containing foreign characters were acquired and properly displayed Text messages containing foreign characters were acquired and properly displayed			
Results:	Assertion & Expected Result		Actual	
	A_SIMO-58 Comparison of known SIM	data elements via	Result as expected	
	generated reports. A_SIMO-59 Comparison of known SIM	data elements via	as expected	
	preview-pane. A_SIMO-65 Acquisition of ADNs cont. characters.	aining foreign language	as expected	
	A_SIMO-66 Acquisition of text mess language characters.	ages containing foreign	as expected	
	1			

Test	Case	CFT	-SIMO-07	Susteen	Secure	View	Version	1.8.0
Analy	veie:		Fynecte	d results	z achie	bev		

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

Test Case CFT	-SIMO-08 Susteen Secure View Version	1.8.0			
Case	CFT-SIMO-08 Begin acquisition on a PIN protected SIM to determine if the				
Summary:	tool provides an accurate count of the remaining number of PIN attempts and				
	if the PIN attempts are decremented	when entering an inc	orrect value.		
Assertions:	A_SIMO-67 If a cellular forensic too	ol provides the exami	ner with the		
	remaining number of authentication a	attempts then the app	lication should		
	provide an accurate count of the rem	maining PIN attempts.			
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed May 21 11:05:54 EDT 2008				
Device:	TMOBILE_SIM				
Source	OS: WIN XP				
Setup:	Interface: USB				
_	DATA OBJECTS	DATA ELEMENTS			
	Abbreviated Dialing Numbers (ADN)				
		Maximum Length			
		Special Character			
		Blank Name			
		Regular Length - De	eleted Number		
		Foreign Entry			
	Call Logs				
		Last Numbers Dialed	d (LND)		
	Text Messages				
	Incoming SMS - Read		d		
	Incoming SMS - Foreign				
	Incoming SMS - Deleted				
	Incoming SMS - Unread		ead		
	Incoming Foreign EMS - Read				
	Incoming EMS - Deleted				
Log	Created By Secure View Version 1.8.0)			
Highlights:	Acquisition started: Wed May 21 11:05:54 EDT 2008				
	Acquisition finished: Wed May 21 11:06:56 EDT 2008				
	Remaining number of PIN attempts properly displayed was successful				
Results:					
	Assertion & Expected Result		Actual Result		
	A_SIMO-67 Display of remaining num	ber of PIN attempts.	as expected		
Analysis:	Expected results achieved				

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

Test Case CF	T-SIMO-09 Susteen Secure View Version	1.8.0			
Case	CFT-SIMO-09 Begin acquisition on a		s have been		
Summary:	exhausted to determine if the tool provides an accurate count of the				
-	remaining number of PUK attempts and	d if the PUK attempts	are decremented		
	when entering an incorrect value.	-			
Assertions:	A_SIMO-68 If a cellular forensic to	ol provides the examin	ner with the		
	remaining number of PUK attempts then the application should provide an				
	accurate count of the remaining PUK	attempts.	_		
Tester Name:	rpa				
	Monariar				
Test Host: Test Date:	Morrisy Wed May 21 11:08:19 EDT 2008				
Device:	TMOBILE SIM				
Source	OS: WIN XP				
Setup:	Interface: USB				
Decap.	DATA OBJECTS	DATA ELEMENTS			
	Abbreviated Dialing Numbers (ADN)				
	Table 1 Table 2 Table 1 Table 1	Maximum Length			
		Special Character			
		Blank Name			
		Regular Length - De	leted Number		
		Foreign Entry			
	Call Logs				
		Last Numbers Dialed	(LND)		
	Text Messages		,		
		Incoming SMS - Read	L		
		Incoming SMS - Fore	ign		
		Incoming SMS - Dele	ted		
		Incoming SMS - Unre	ad		
		Incoming Foreign EM	IS - Read		
		Incoming EMS - Dele	ted		
Log	Created By Secure View Version 1.8.				
Highlights:	Acquisition started: Wed May 21 11:08:19 EDT 2008				
	Acquisition finished: Wed May 21 11:09:43 EDT 2008				
	Remaining number of PUK attempts properly displayed was successful				
	remaining number of For accempts pr	operty dispiayed was :	GUCCEBBLUI		
Results:					
	Assertion & Expected Result		Actual Result		
	A_SIMO-68 Display of remaining number of PUK attempts. as expected		as expected		
			<u> </u>		
Analwaia:	Expected results achieved				
Analysis:	Pybecred tesuits acuiteved				

5.2.28 CFT-SIMO-11 (T-Mobile SIM)

Test Case CFT	-SIMO-11 Susteen Secure View Version	1.8.0			
Case	CFT-SIMO-11 Acquire SIM internal me		ll case file		
Summary:	hash.				
Assertions:	A_SIMO-58 If a cellular forensic to	ol successfully completes	acquisition of		
	the target media (i.e., SIM) then the tool shall present the acquired data				
	in a human-readable format without modification via supported generated				
	report formats.				
	A_SIMO-59 If a cellular forensic to	ol successfully completes	acquisition of		
	the target media (i.e., SIM) then the	_	_		
	in a human-readable format without	modification via supporte	d generated		
	report formats.				
	A_SIMO-70 If the cellular forensic	11 3			
	case file then the tool shall present		value		
	representative of the entire case d	ata.			
Tester	777.0				
Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed May 21 11:10:42 EDT 2008				
Device:	TMOBILE_SIM				
Source	OS: WIN XP				
Setup:	Interface: USB				
Scoup.	DATA OBJECTS	DATA ELEMENTS			
	Abbreviated Dialing Numbers (ADN)				
	ADDICVIACED DIGITING NUMBERS (ADN)	Maximum Length			
		Special Character			
		Blank Name			
		Regular Length - Delete	ad Number		
		Foreign Entry	ed Namber		
	Call Logs	roreign Entry			
Í	cair nogs	Last Numbers Dialed (LI	AD)		
	Text Messages	Last Numbers Dialed (III	ND)		
	Text Messages	Incoming SMS - Read			
		Incoming SMS - Foreign			
		Incoming SMS - Deleted			
		Incoming SMS - Unread			
		Incoming Foreign EMS -	Read		
	Incoming EMS - Deleted		Read		
		Incoming EMS - Defected			
Loq	Created By Secure View Version 1.8.	0			
Highlights:	Acquisition started: Wed May 21 11:				
3 3	Acquisition finished: Wed May 21 11:16:15 EDT 2008				
	Complete representation of known data via generated reports was successful				
	Device hash reporting for overall ca	ase file was successful			
Results:					
	Assertion & Expected Result		Actual		
			Result		
	A_SIMO-58 Comparison of known SIM	data elements via	as expected		
	generated reports.				
	A_SIMO-59 Comparison of known SIM data elements via as				
	preview-pane.				
	A_SIMO-70 SIM hash reporting for o	verall case file.	as expected		
Analysis:	Expected results achieved				

5.2.29 CFT-IM-01 (Motorola RAZR V3)

Test Case CFI	-IM-01 Susteen Secure Vie	w Version 1.8.0	
Case	•	device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	A_IM-01 If a cellular fo	rensic tool provides support for connectivity of	
		he tool shall successfully recognize the target	
		apported interfaces (e.g., cable, Bluetooth, IrDA).	
		· · · · · · · · · · · · · · · · · ·	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed May 21 14:38:13 EDT	2008	
Device:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable, Blueto	ooth	
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Hadrobb Book Energe	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DIM Dot-	Foreign Entry	
	PIM Data	Manimum Tanash	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	MMC Measure	Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	L	Aideo - Deiered	
Log	Created By Secure View V	ersion 1.8.0	

Test Case CFT	Test Case CFT-IM-01 Susteen Secure View Version 1.8.0					
Highlights:	Acquisition started: Wed May 21 14:38:13 EDT 2008 Acquisition finished: Wed May 21 14:46:28 EDT 2008 Device connectivity was established via supported inter Notes: IrDA acquisition not supported. Bluetooth acquisition successful.	face				
Results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected				
Analysis:	Expected results achieved					

5.2.30 CFT-IM-02 (Motorola RAZR V3)

Test Case CFT	-IM-02 Susteen Secure View	v Version 1.8.0		
Case	CFT-IM-02 Attempt intern	al memory acquisition of a non-supported mobile		
Summary:	device.			
Assertions:		rensic tool attempts to connect to a non-supported		
	device then the tool sha	all have the ability to identify that the device is		
	not supported.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed May 21 15:04:00 EDT	2008		
Device:	non-supported mobile dev	rice		
Source	OS: WIN XP			
Setup:	Interface: cable			
	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries			
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages	3 3		
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Thage Outgoing Video		
	Stand-alone data files	Outgoing video		
	Scand-arone data files	Audio		
		Audio - Deleted		
		Image Deleted		
		Image - Deleted		
		Video		
		Video - Deleted		
Log	Created By Secure View V	Version 1.8.0		

Test Case CFT-IM-02 Susteen Secure View Version 1.8.0					
Highlights:	Acquisition started: Wed May 21 15:04:00 EDT 2008				
	Acquisition finished: Wed May 21 15:06:09 EDT 2008				
	Identification of non-supported devices was successful				
Results:					
	Assertion & Expected Result	Actual Result			
	A_IM-02 Identification of non-supported devices.	as expected			
	A_IM-02 Identification of non-supported devices.	as expected			

5.2.31 CFT-IM-03 (Motorola RAZR V3)

Test Case CFT	-IM-03 Susteen Secure View	Version 1.8.0	
Case	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A_IM-03 If a cellular for	rensic tool encounters disengagement between the	
	device and application the	hen the application shall notify the user that	
	connectivity has been dis	srupted.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed May 21 15:06:53 EDT 2	2008	
Device:	Motorola_RAZR_V3		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	-	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special sharacter	
	Call Edgs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	outgoing beleted	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS - Deleted	
		Outgoing SMS - Deleted	
		Outgoing SMS - Deleted Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		video - pereced	

Test Case CFT-IM-03 Susteen Secure View Version 1.8.0					
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Wed May 21 15:06:53 EDT 2008 Acquisition finished: Wed May 21 15:08:09 EDT 2008 Device connectivity was established via supported interface Device acquisition disruption notification was successful Notes: Connectivity Error Message Displayed: There was an error communicating with your phone while reading the list of files from it. Please re-start your phone and then redetect your phone and try this option once again.				
Results:					
	Assertion & Expected Result	Actual Result			
	A_IM-01 Device connectivity via supported interfaces.	as expected			
	A_IM-03 Notification of device acquisition disruption. as expected				
Analysis:	Expected results achieved				

5.2.32 CFT-IM-04 (Motorola RAZR V3)

Case Summary:	via the preview-pane or of A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-04 If a cellular for	device internal memory and review reported data generated reports for readability. rensic tool provides support for connectivity of the tool shall successfully recognize the target		
Summary: Assertions: Tester	via the preview-pane or of A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-04 If a cellular for	generated reports for readability. rensic tool provides support for connectivity of he tool shall successfully recognize the target		
Assertions: Tester	A_IM-01 If a cellular for the target device then the device via all vendor sup A_IM-04 If a cellular for	rensic tool provides support for connectivity of he tool shall successfully recognize the target		
Tester	$\overline{\text{the}}$ target device then the device via all vendor sup A_IM-04 If a cellular for	he tool shall successfully recognize the target		
	device via all vendor sup A_IM-04 If a cellular for			
	A_IM-04 If a cellular for	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-04 If a cellular forensic tool successfully completes acquisition of		
	_			
		he tool shall have the ability to present acquired		
		-readable format via either a preview-pane or		
	generated report.			
Name:	rpa			
-				
	Morrisy			
Test Date:	Wed May 21 15:10:33 EDT 2	2008		
Device:	Motorola_RAZR_V3			
Source	OS: WIN XP			
Setup:	Interface: cable, Bluetoo	oth		
	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries			
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	DIM Data	roleigh Encly		
	PIM Data	Manadana Taranda		
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
	Tone nessages	Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Madio Outgoing Image		
	Chand alone 1 : 513	Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
1		Video - Deleted		

Test Case CFT-IM-04 Susteen Secure View Version 1.8.0				
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Wed May 21 15:10:33 EDT 2008 Acquisition finished: Wed May 21 15:15:58 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Notes: Test case performed over supported Bluetooth interface produces with the cable acquisition.			
Results:	Assertion & Expected Result	Actual Result		
	A_IM-01 Device connectivity via supported interfaces.	as expected		
	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected		
Analysis:	Expected results achieved			

5.2.33 CFT-IM-05 (Motorola RAZR V3)

Test Case CFT	-IM-05 Susteen Secure Vie	w Version 1.8.0	
Case		device internal memory and review reported	
Summary:		related information (i.e., IMEI, MSISDN).	
Assertions:		prensic tool provides support for connectivity of	
	the target device then the tool shall successfully recognize the target		
		apported interfaces (e.g., cable, Bluetooth, IrDA).	
		prensic tool successfully completes acquisition of	
	the target device then t	the tool shall have the ability to present acquired	
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
	A_IM-05 If a cellular fo	rensic tool successfully completes acquisition of	
	_	subscriber related information shall be presented in	
	a human-readable format without modification.		
	_	prensic tool successfully completes acquisition of	
	_	equipment related information shall be presented in	
	a human-readable format	without modification.	
Maska			
Tester Name:	rpa		
	Monnigra		
Test Host: Test Date:	Morrisy Wed May 21 15:17:48 EDT	2009	
Device:		2000	
Source	Motorola_RAZR_V3		
Source Setup:	Interface: cable, Blueto	ooth	
secup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	DATA ELEMENIS	
	Address Book Entries	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DIM Date	Foreign Entry	
	PIM Data	Manadaman Tananda	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	G.11 T	Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
	 	Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Incoming Video Outgoing Audio	
		-	
		Outgoing Audio	

Test Case CFT	-IM-05 Susteen Secure View Version 1.8.0		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Wed May 21 15:17:48 EDT 2008		
	Acquisition finished: Wed May 21 15:22:38 EDT 2008		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	Subscriber and Equipment related data (i.e., MSISDN, IMEI) w	ere acquired	
	Notes:		
	Test case performed over supported Bluetooth interface produced consistent		
	results with the cable acquisition.		
Results:			
1100 0100	Assertion & Expected Result	Actual	
		Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.	1	
	A_IM-05 Acquisition of MSISDN.	as expected	
	A_IM-06 Acquisition of IMEI.	as expected	
		_	
Analysis:	Expected results achieved		

5.2.34 CFT-IM-06 (Motorola RAZR V3)

Test Case CF					
	T-IM-06 Susteen Secure Vie				
Case	_	e device internal memory and review reported PIM			
Summary:	related data.				
Assertions:		orensic tool provides support for connectivity of			
	_	the tool shall successfully recognize the target apported interfaces (e.g., cable, Bluetooth, IrDA).			
		prensic tool successfully completes acquisition of			
		the tool shall have the ability to present acquired			
	_	n-readable format via either a preview-pane or			
	generated report.				
	A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification. A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall				
	_	-readable format without modification.			
	A_IM-09 If a cellular forensic tool successfully completes acquisition of				
	_	all known address book entries containing special			
	_	sented in a human-readable format without			
	modification.	orensic tool successfully completes acquisition of			
		all known address book entries containing blank			
	_	d in a human-readable format without modification.			
	-	prensic tool successfully completes acquisition of			
	_	all known email addresses associated with address			
	book entries shall be pr	resented in a human-readable format without			
	modification.				
		A_IM-12 If a cellular forensic tool successfully completes acquisition of			
	_	all known graphics associated with address book			
		ted in a human-readable format without modification.			
	_	A_IM-13 If a cellular forensic tool successfully completes acquisition of			
	_	all known datebook, calendar, note entries shall be			
		presented in a human-readable format without modification. A_IM-14 If a cellular forensic tool successfully completes acquisition of			
		all maximum length datebook, calendar, note entries			
	_	all maximum length datebook, calendar, note entries human readable format without modification.			
	_				
Tester	_				
Tester Name:	shall be presented in a				
	shall be presented in a rpa Morrisy	human readable format without modification.			
Name:	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT	human readable format without modification.			
Name: Test Host:	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3	human readable format without modification.			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP	human readable format without modification. 2008			
Name: Test Host: Test Date: Device:	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto	human readable format without modification. 2008			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto	human readable format without modification. 2008 DATA ELEMENTS			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 DATA ELEMENTS Maximum Length			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 Doth DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 Doth DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 Doth DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries	human readable format without modification. 2008 Doth DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Maximum Length			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Length			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Deleted Entry Maximum Length Regular Length Deleted Entry			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Regular Length			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Special Character Maximum Length Special Character Special Character			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	Doth DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Foreign Entry Missed Missed Missed - Deleted Incoming			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2008 Doth DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed Missed - Deleted Incoming Incoming - Deleted Outgoing			
Name: Test Host: Test Date: Device: Source	shall be presented in a rpa Morrisy Wed May 21 15:30:42 EDT Motorola_RAZR_V3 OS: WIN XP Interface: cable, Blueto DATA OBJECTS Address Book Entries PIM Data	human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted			

ı rest Case CF1	:-IM-06 Susteen Secure View		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		i	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Obered alone data files	Outgoing video	
	Stand-alone data files	20.21	
		Audio	
		Audio - Deleted	
		Image	
	<u> </u>	Image - Deleted	
		Video	
		Video - Deleted	
	Readability and complete		
Results:			ced consistent
	Assertion & Expected Re	equisition. sult	Actual Result
	A_IM-01 Device connecti	sult vity via supported interfaces.	Actual
	A_IM-01 Device connecti A_IM-04 Readability and	equisition. sult	Actual Result
	A_IM-01 Device connecti A_IM-04 Readability and supported reports.	sult vity via supported interfaces. completeness of acquired data via	Actual Result as expected
	A_IM-01 Device connecti A_IM-04 Readability and	sult vity via supported interfaces. completeness of acquired data via	Actual Result as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of	sult vity via supported interfaces. completeness of acquired data via	Actual Result as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of	sult vity via supported interfaces. completeness of acquired data via address book entries.	Actual Result as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries.	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book	Actual Result as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of	sult vity via supported interfaces. completeness of acquired data via address book entries.	Actual Result as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters.	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing	Actual Result as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book	Actual Result as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry.	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a	Actual Result as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing	Actual Result as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries.	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a	Actual Result as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries.	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries. A_IM-13 Acquisition of	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries. A_IM-13 Acquisition of notes).	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries. A_IM-13 Acquisition of notes).	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries. A_IM-13 Acquisition of notes).	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries. A_IM-13 Acquisition of notes).	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar,	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected
Analysis:	A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of entries. A_IM-09 Acquisition of special characters. A_IM-10 Acquisition of blank name entry. A_IM-11 Acquisition of address book entries. A_IM-12 Acquisition of book entries. A_IM-13 Acquisition of notes).	sult vity via supported interfaces. completeness of acquired data via address book entries. maximum length address book address book entries containing address book entries containing a embedded email addresses within embedded graphics within address PIM data (i.e., datebook/calendar, maximum length PIM data.	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected as expected

5.2.35 CFT-IM-07 (Motorola RAZR V3)

J.Z.JJ	01 1-1111-07 (1010101	<u> </u>	
	-IM-07 Susteen Secure Vie		
Case	CFT-IM-07 Acquire mobile device internal memory and review reported call		
Summary:	logs.		
Assertions:		prensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
		apported interfaces (e.g., cable, Bluetooth, IrDA).	
		prensic tool successfully completes acquisition of	
		the tool shall have the ability to present acquired	
		n-readable format via either a preview-pane or	
	generated report.		
		prensic tool successfully completes acquisition of all call logs (incoming/outgoing) shall be presented	
	_	nat without modification.	
	III a Hullian-leadable lolli	lat without modification.	
Tester	rpa		
Name:	i pa		
Test Host:	Morrisy		
Test Date:	Thu May 22 08:29:17 EDT	2008	
Device:	Motorola_RAZR_V3	2000	
Source	OS: WIN XP		
Setup:	Interface: cable, Blueto	ooth	
becap.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Dilli Hilliani	
	Address Book Entries	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DIM Data	Foreign Entry	
	PIM Data	Marrianan Tanah	
		Maximum Length	
		Regular Length	
		Deleted Entry	
	Call Laws	Special Character	
	Call Logs	Minned	
		Missed - Deleted	
		Incoming Deleted	
		Incoming - Deleted	
		Outgoing	
	March Maggara	Outgoing - Deleted	
	Text Messages	Transition CMC Dood	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
İ		Audio	
		Audio - Deleted	
1		Image	
		Tillage	

Test Case CFT	-IM-07 Susteen Secure View Version 1.8.0		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Thu May 22 08:29:17 EDT 2008		
	Acquisition finished: Thu May 22 08:36:44 EDT 2008		
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired		
	Notes: Test case performed over supported Bluetooth interface produces with the cable acquisition.	ced consistent	
Results:			
RODUTOS	Assertion & Expected Result	Actual Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A_IM-15 Acquisition of call logs.	as expected	
Analysis:	Expected results achieved		

5.2.36 CFT-IM-08 (Motorola RAZR V3)

Test Case CFT	-IM-08 Susteen Secure View	Version 1.8.0
Case	CFT-IM-08 Acquire mobile device internal memory and review reported text	
Summary:	messages.	
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of	
		ne tool shall successfully recognize the target
		pported interfaces (e.g., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
		ne tool shall have the ability to present acquired
		-readable format via either a preview-pane or
	generated report.	
	A_IM-16 If a cellular for	rensic tool successfully completes acquisition of
	the target device then a	ll text messages (i.e., SMS, EMS) messages shall be
	presented in a human-read	dable format without modification.
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Thu May 22 08:37:44 EDT	2008
Device:	Motorola_RAZR_V3	
Source	OS: WIN XP	
Setup:	Interface: cable, Blueto	oth
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS - Defeted
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
	<u> </u>	Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
	<u> </u>)

Test Case CFT	-IM-08 Susteen Secure View Version 1.8.0		
	Image - Deleted		
	Video		
	Video - Deleted		
_			
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Thu May 22 08:37:44 EDT 2008 Acquisition finished: Thu May 22 08:44:25 EDT 2008		
	Acquisition finished. The may 22 00.44.25 EDT 2000		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	Partial Text messages were acquired		
	Notes: Test case performed over supported Bluetooth interface produced consistent		
	results with the cable acquisition.		
	The first 160 characters of EMS messages are only reported.	at managet ad an	
	Text messages that contain foreign language characters are not reported or displayed in their native language format.		
	displayed in cheff hacive language format.		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
	A_IM-04 Readability and completeness of acquired data via	as expected	
	supported reports.		
	A_IM-16 Acquisition of text messages.	Partial	
Analygig:	Dartial expected regults ashiowed		
Analysis:	Partial expected results achieved		

5.2.37 CFT-IM-10 (Motorola RAZR V3)

	-IM-10 Susteen Secure Vie	w Version 1.8.0	
Case		e device internal memory and review reported stand-	
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:	A_IM-01 If a cellular fo	rensic tool provides support for connectivity of	
	the target device then the tool shall successfully recognize the target		
	device via all vendor su	upported interfaces (e.g., cable, Bluetooth, IrDA).	
	A_IM-04 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then t	the tool shall have the ability to present acquired	
	data elements in a human	n-readable format via either a preview-pane or	
	generated report.		
	A_IM-20 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then a	ll stand-alone audio files shall be playable via	
	either an internal appli	cation or suggested third-party application without	
	modification.		
		rensic tool successfully completes acquisition of	
	the target device then a	ll stand-alone image files shall be viewable via	
	either an internal appli	cation or suggested third-party application without	
	modification.		
		rensic tool successfully completes acquisition of	
	the target device then a	ll stand-alone video files shall be viewable via	
		cation or suggested third-party application without	
	modification.		
Tester	rpa		
Name:	Manusian		
Test Host:	Morrisy	0000	
Test Date:	Thu May 22 10:34:08 EDT	2008	
Device:	Motorola_RAZR_V3 OS: WIN XP		
Source	V.0		
Setup:	Interface: cable, Blueto		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Manufacture Tarrecki	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
	i i	Transpire CMC Harrand	
		Incoming SMS - Unread	
		Incoming SMS - Unread Incoming SMS - Deleted	
		Incoming SMS - Deleted Outgoing SMS	
		Incoming SMS - Deleted	
		Incoming SMS - Deleted Outgoing SMS	
		Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted	
		Incoming SMS - Deleted Outgoing SMS - Deleted Outgoing SMS - Deleted Incoming EMS - Read	
		Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read	
		Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted	
		Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Outgoing EMS - Deleted	
	MMS Messages	Incoming SMS - Deleted Outgoing SMS Outgoing SMS - Deleted Incoming EMS - Read Incoming EMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted	

Test Case CFT	-IM-10 Susteen Secure View Version 1.8.0		
	Incoming Image		
	Incoming Video		
	Outgoing Audio		
	Outgoing Image		
	Outgoing Video		
	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Thu May 22 10:34:08 EDT 2008		
	Acquisition finished: Thu May 22 10:41:32 EDT 2008		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	ALL stand-alone data files (Audio, Image, Video) were acquired		
	Notes:		
	Test case performed over supported Bluetooth interface produc	ced consistent	
	results with the cable acquisition.		
Results:		T 1	
	Assertion & Expected Result	Actual Result	
	A TM 01 Device compectivity via compected interfered		
	A_IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via	as expected as expected	
	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	
	A_IM-20 Acquisition of stand-alone audio files.	as expected	
	A_IM-21 Acquisition of stand-alone graphic files.	as expected	
	A_IM-21 Acquisition of stand-alone graphic files. A_IM-22 Acquisition of stand-alone video files.		
	A_IM-ZZ ACQUISITION OF STANG-ATONE VIGEO FILES.	as expected	
Analysis:	Expected results achieved		

5.2.38 CFT-IMO-01 (Motorola RAZR V3)

Case	CET_IMO_01 Acquire mehil	e device internal memory and review reported data	
Summary:	via supported generated report formats.		
Assertions:			
ASSELLIONS.	A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without		
		ed generated report formats.	
	modification via support	ed generated report formats.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu May 22 10:45:51 EDT	2008	
Device:	Motorola_RAZR_V3	2008	
Source	OS: WIN XP	- L h	
Setup:	Interface: cable, Blueton DATA OBJECTS		
		DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	bpecial character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	oredoring min - perecen	
	MIND Messages	To coming Dudie	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 Susteen Secure View Version 1.8.0			
Highlights:	Acquisition started: Thu May 22 10:45:51 EDT 2008 Acquisition finished: Thu May 22 10:54:31 EDT 2008			
	Complete representation of known data via generated reports was successful			
	Notes: Test case performed over supported Bluetooth interface procesults with the cable acquisition.	duced consistent		
Results:				
	Assertion & Expected Result	Actual Result		
	A_IMO-38 Comparison of known device data elements via generated reports.	as expected		
Analysis:	Expected results achieved			

5.2.39 CFT-IMO-09 (Motorola RAZR V3)

5.2.39	CF 1-11VIO-09	(IVIOLOTOTA RAZR V3)			
Test Case CFT	-IMO-09 Susteen Secure V	View Version 1.8.0			
Case	CFT-IMO-09 Acquire mobi	ile device internal memory and review data containing			
Summary:	foreign language charac	cters.			
Assertions:	A_IMO-38 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats. A_IMO-39 If a cellular forensic tool successfully completes acquisition of				
	A_IMO-39 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view. A_IMO-53 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification. A_IMO-54 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu May 22 10:57:26 ED				
Device:	Motorola_RAZR_V3				
Source Setup:	OS: WIN XP Interface: cable,Blueto	ooth			
	DATA OBJECTS	DATA ELEMENTS			
	Address Book Entries				
		Maximum Length			
		Regular Length, email, picture			
		Special Character			
		Blank Name			
		Regular Length, Deleted email - deleted picture			
		Deleted Entry			
		Foreign Entry			
	PIM Data				
		Maximum Length			
		Regular Length			
		Deleted Entry			
		Special Character			
	Call Logs				
		Missed			
		Missed - Deleted			
		Incoming			
		Incoming - Deleted			
		Outgoing			
		Outgoing - Deleted			
	Text Messages				
		Incoming SMS - Read			
		Incoming SMS - Unread			
		Incoming SMS - Deleted			
		Outgoing SMS			
		Outgoing SMS - Deleted			
		Incoming EMS - Read			
		Incoming EMS - Unread			
		Incoming Foreign EMS - Read			
		Incoming EMS - Deleted			
		Outgoing EMS			
		Outgoing EMS - Deleted			
	MMS Messages	J-1111			
	Tario Fiesbuges	Incoming Audio			
		Incoming Madio			
		Incoming Image Incoming Video			
		-			
		Outgoing Audio Outgoing Image			
		Outgoing Video			

Test Case CFT	-IMO-09 Susteen Secure View Version 1.8.0			
	Stand-alone data files			
	Audio			
	Audio - Deleted			
	Image			
	Image - Deleted			
	Video			
	Video - Deleted			
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Thu May 22 10:57:26 EDT 2008 Acquisition finished: Thu May 22 11:11:42 EDT 2008	g wag gyggaggfyl		
	Complete representation of known data via generated reports was successful Partial foreign character Address book entries were acquired Partial foreign character text messages were acquired but not properly displayed			
	Notes: Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition. Contacts containing foreign characters (i.e., Chinese) were not displayed. Text messages containing foreign characters (i.e., French) were partially acquired but not properly displayed. Text messages containing foreign characters (i.e., Chinese) were not displayed.			
Results:				
	Assertion & Expected Result	Actual Result		
	A_IMO-38 Comparison of known device data elements via generated reports.	as expected		
	A_IMO-39 Comparison of known device data elements via preview-pane.	as expected		
	A_IMO-53 Acquisition of address book entries containing foreign language characters.	Not as expected		
	A_IMO-54 Acquisition of outgoing text messages containing foreign language characters.	Partial		
Analysis:	Expected results Not achieved			

5.2.40 CFT-IMO-11 (Motorola RAZR V3)

	011-01110-111 (1	motorola RAZIT V3)		
Test Case CFT-	Test Case CFT-IMO-11 Susteen Secure View Version 1.8.0			
Case CFT-IMO-11 Acquire mobile device internal memory and review hash values for				
Summary:	vendor supported data objects.			
Assertions:		prensic tool successfully completes acquisition of		
ABBCI CIOIB.	the target device then the tool shall present the acquired data without			
	modification via supported generated report formats.			
	A_IMO-39 If a cellular forensic tool successfully completes acquisition of			
	the target device then the tool shall present the acquired data without			
	modification in a preview-pane view.			
		forensic tool supports hashing for individual data		
		all present the user with a hash value for each		
	supported data object.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Thu May 22 11:49:22 EDT	2008		
Device:	Motorola_RAZR_V3			
	OS: WIN XP			
Source		- 4.3-		
Setup:	Interface: cable, Blueton			
	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries			
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry Special Character		
	Coll Logg			
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
	l I	Video		

Test Case CFT	-IMO-11 Susteen Secure View Version 1.8.0			
	Video - Deleted			
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Thu May 22 11:49:22 EDT 2008 Acquisition finished: Thu May 22 11:56:52 EDT 2008			
	Complete representation of known data via generated reports Device hash reporting for individual acquired data elements			
	Notes: Test case performed over supported Bluetooth interface produced consistent results with the cable acquisition. MD5 hashes supported for individually acquired files (e.g., Images, Video, Music, Ringtones, etc.)			
Results:				
	Assertion & Expected Result	Actual Result		
	A_IMO-38 Comparison of known device data elements via generated reports.	as expected		
	A_IMO-39 Comparison of known device data elements via preview-pane.	as expected		
	A_IMO-56 Device hash reporting for individual acquired as expected data objects.			
Analysis:	Expected results achieved			

5.2.41 CFT-SIM-01 (AT&T SIM)

Test Case CFT	T-SIM-01 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-01 Acquire SIM over supported interfaces (e.g., PC/SC reader,			
Summary:	proprietary reader).			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of			
	the target SIM then the tool shall successfully recognize the target SIM			
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary			
	reader).			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 12:47:37 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Characte	er	
		Blank Name		
		Regular Length -	- Deleted Number	
	Foreign Entry			
	Call Logs			
		Last Numbers Dia	aled (LND)	
	Text Messages Incoming SMS - Read			
	Incoming SMS - Foreign			
		Incoming SMS - I	Deleted	
		Incoming SMS - U	Inread	
		Incoming Foreign	n EMS - Read	
		Incoming EMS - I	Deleted	
Log	Created By Secure View Version 1.8.0			
Highlights:	Acquisition started: Tue May 20 12:4			
	Acquisition finished: Tue May 20 12:	55:37 EDT 2008		
1	Media connectivity was established v	ria supported inte	rface	
Results:				
1	Assertion & Expected Result		Actual Result	
	A_SIM-23 SIM connectivity via suppo	orted interfaces.	as expected	
1				
Analysis:	Expected results achieved			

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

Test Case CFT	-SIM-02 Susteen Secure View Version 1	.8.0		
Case	CFT-SIM-02 Attempt acquisition of a non-supported SIM.			
Summary:				
Assertions:	A_SIM-24 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall have the ability to identify that the SIM is not supported.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 13:37:20 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
-	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Deleted Number		
		Foreign Entry		
	Call Logs	10101911 Enoty		
	carr nogo	Last Numbers Dialed (LND)		
	Text Messages	Edge Nambers Brated (END)		
	Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted			
		Incoming SMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		incoming EMS - Defected		
Log	Created By Secure View Version 1.8.			
Highlights:	Acquisition started: Tue May 20 13:			
	Acquisition finished: Tue May 20 13	:37:46 EDT 2008		
	Identification of non-supported media was successful			
Results:				
	Assertion & Expected Result	Actual Result		
	A_SIM-24 Identification of non-sup	ported SIMs. as expected		
Analysis:	Expected results achieved			

5.2.43 CFT-SIM-03 (AT&T SIM)

Test Case CFT	Test Case CFT-SIM-03 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface			
Summary:	disengagement.			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-25 If a cellular forensic tool encounters disengagement between the SIM reader and application then the application shall notify the user that connectivity has been disrupted.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 13:38:10 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB DATA OBJECTS			
		DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	Maximum Tanath		
		Maximum Length Special Character		
		Blank Name	•	
		Regular Length -	Deleted Number	
		Foreign Entry	Defected Number	
	Call Logs	roreign Enery		
	Call Logs	Last Numbers Dial	ed (LND)	
	Text Messages		(212)	
	Incoming SMS - Read			
		Incoming SMS - Foreign		
	_			
	Incoming SMS - Deleted Incoming SMS - Unread			
	Incoming Foreign EMS - Read			
	Incoming EMS - Deleted			
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Tue May 20 13:3			
	Media connectivity was established via supported interface Media acquisition disruption notification was not successful Notes: No warning messages are displayed to the examiner of media connectivity issues. The acquisition finishes normally displaying data acquired up to the point of media disruption.			
Results:				
	Assertion & Expected Result	. 1	Actual Result	
	A_SIM-23 SIM connectivity via supp		as expected	
	A_SIM-25 Notification of SIM acquisition disruption. Not as expected			
Analysis:	Expected results Not achieved			
-		-	-	

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

Test Case CFT	Test Case CFT-SIM-04 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-04 Attempt acquisition on a password-protected SIM.			
Summary:				
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of			
	the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-26 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before			
	acquisition.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 13:45:10 EDT 2008			
Device:	ATT SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
	(1321)	Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delet	ed Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (L	ND)	
	Text Messages	·	,	
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS -	Read	
		Incoming EMS - Deleted		
			<u>.</u>	
Log	Created By Secure View Version 1.8.0			
Highlights:	Acquisition started: Tue May 20 13:4			
	Acquisition finished: Tue May 20 13:	:54:19 EDT 2008		
	Media connectivity was established w	ria supported interface		
	_		vac cucceccful	
	Ability to enter PIN on protected media before acquisition was successful			
Results:				
	Assertion & Expected Result		Actual	
			Result	
	A_SIM-23 SIM connectivity via suppo	orted interfaces.	as expected	
	A_SIM-26 Password entry before acqu		as expected	
	SIMs.		_	
	<u> </u>			
Analysis:	Expected results achieved			

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

Test Case CFT	Test Case CFT-SIM-05 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-05 Acquire SIM internal memory and review reported data via the			
Summary:	preview-pane or generated reports for readability.			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition of			
	the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 14:06:35 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB	-		
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name	3. 37	
		Regular Length - Deleted	1 Number	
	Call Logg	Foreign Entry		
	Call Logs	Last Numbers Dialed (LNI	2)	
	Text Messages			
	Tene Hebbageb	Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - F	Read	
		Incoming EMS - Deleted		
			5	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Tue May 20 14:06:35 EDT 2008 Acquisition finished: Tue May 20 14:14:31 EDT 2008 Media connectivity was established via supported interface Readability and completeness of acquired data was successful			
Darulta				
Results:	Assertion & Expected Result		Actual	
	Appelition & Expedited Result		Result	
	A_SIM-23 SIM connectivity via supp	orted interfaces	as expected	
	A_SIM-23 SIM connectivity via supp A_SIM-27 Readability and completen		as expected	
	supported reports.			
Analugia:	Exposted results achieved			
Analysis:	Expected results achieved			

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

	-06 Susteen Secure View Version 1	1.8.0			
	-SIM-06 Acquire SIM internal memory		ubscriber and		
Summary: equ	equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
I —	A_SIM-23 If a cellular forensic tool provides support for connectivity of				
	target SIM then the tool shall :				
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated				
		either preview-pane or ge	enerated		
_	ort.		1 1.1		
	IM-28 If a cellular forensic too				
	target SIM then the SPN shall be	e presented in a human-rea	adable format		
	without modification. A_SIM-29 If a cellular forensic tool successfully completes acquisition of the target SIM then the ICCID shall be presented in a human-readable format without modification.				
A_5					
	IM-30 If a cellular forensic too.	l suggessfully completes :	agguigition of		
	target SIM then the IMSI shall l				
	hout modification.	De presenced in a numan-re	eadable Tormat		
	IM-31 If a cellular forensic too.	l successfully completes :	acquisition of		
	target SIM then the MSISDN shall		_		
	mat without modification.	proboned in a naman	_ 50000710		
Tester Name: rpa					
•	risy				
	May 20 14:15:00 EDT 2008				
	'_SIM				
	WIN XP				
	erface: USB				
	ATA OBJECTS	DATA ELEMENTS			
	obreviated Dialing Numbers (ADN)				
		Maximum Length			
		Special Character			
	_	Blank Name			
		Regular Length - Delete	d Number		
		Foreign Entry	1.0		
Ca	ill Logs	1010131			
		Last Numbers Dialed (LN	ID)		
Te	ext Messages				
		Incoming SMS - Read			
		Incoming SMS - Foreign			
		Incoming SMS - Deleted			
		Incoming SMS - Unread			
		Incoming Foreign EMS -	Read		
		Incoming EMS - Deleted			
		THOUMING BIND - Detected			
Log Cre	ated By Secure View Version 1.8.	0			
_	uisition started: Tue May 20 14:				
	uisition finished: Tue May 20 14				
_	-				
	Media connectivity was established via supported interface				
Med	ia connectivity was established `	Readability and completeness of acquired data was successful			
Rea SPN	dability and completeness of acquives not acquired				
Rea SPN ICC	dability and completeness of acq was not acquired ID was acquired				
Rea SPN ICC IMS	dability and completeness of acquired ID was acquired ID was acquired I was acquired				
Rea SPN ICC IMS	dability and completeness of acq was not acquired ID was acquired				
Rea SPN ICC IMS	dability and completeness of acquired ID was acquired ID was acquired I was acquired				
Rea SPN ICC IMS	dability and completeness of acquired ID was acquired ID was acquired I was acquired				
Rea SPN ICC IMS MSI	dability and completeness of acquired ID was acquired ID was acquired I was acquired		Actual		
Rea SPN ICC IMS MSI	dability and completeness of acquired The was acquired ID was acquired I was acquired SDN was acquired				
Rea SPN ICC IMS MSI Results:	dability and completeness of acquives not acquired ID was acquired I was acquired SDN was acquired Secretion & Expected Result SIM-23 SIM connectivity via supp	uired data was successful	Actual		
Rea SPN ICC IMS MSI Results:	dability and completeness of acquired The was acquired In was acquired In was acquired SDN was acquired Secretion & Expected Result	uired data was successful	Actual Result		

Test Case CFT-SIM-06 Susteen Secure View Version 1.8.0			
	A_SIM-28 Acquisition of SPN.	Not as expected	
	A_SIM-29 Acquisition of ICCID.	as expected	
	A_SIM-30 Acquisition of IMSI.	as expected	
	A_SIM-31 Acquisition of MSISDN.	as expected	
Analysis:	Partial expected results achieved		

5.2.47 CFT-SIM-07 (AT&T SIM)

Test Case CFT	Test Case CFT-SIM-07 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated			
Summary:	Dialing Numbers (ADN).			
Assertions:	A_SIM-23 If a cellular forensic tool	provides support for con	nectivity of	
	the target SIM then the tool shall successfully recognize the target SIM			
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary			
	reader).			
	A_SIM-27 If a cellular forensic tool successfully completes acquisition of			
	the target SIM then the tool shall have the ability to present acquired			
	data in a human-readable format via either preview-pane or generated			
	report.			
	A_SIM-32 If a cellular forensic tool successfully completes acquisition of			
	the target SIM then all Abbreviated Dialing Numbers (ADN) shall be presented in a human-readable format without modification.			
	presented in a numan-readable format	without modification.		
Tester Name:	100 C			
	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 14:27:26 EDT 2008			
Device: Source	ATT_SIM OS: WIN XP			
Source Setup:	Interface: USB			
serup.	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	DAIN CHEMENIS		
	Abbreviated Dialing Numbers (ADN)	Marrimum Langth		
		Maximum Length		
		Special Character		
		Blank Name	d Manuala a sa	
		Regular Length - Deleted	1 Number	
	Gall Tarre	Foreign Entry		
	Call Logs	Tank Markey Disland (IN	2)	
	Text Messages Incoming SMS - Read			
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - I	Read	
		Incoming EMS - Deleted		
Log	Created By Secure View Version 1.8.0			
Highlights:	Acquisition started: Tue May 20 14:2			
mightights.	Acquisition finished: Tue May 20 14:2			
	Acquisicion linished. Ide May 20 14.	33.31 ED1 2000		
	Media connectivity was established v	ia supported interface		
	Readability and completeness of acqu			
	All ADNs were acquired	area aaca was successful		
	WIT WOMP METE GOOGNIEG			
Results:				
	Assertion & Expected Result		Actual	
	Result			
	A_SIM-23 SIM connectivity via supported interfaces. as expected			
	A_SIM-27 Readability and completene		as expected	
	supported reports.	•		
	A_SIM-32 Acquisition of ADNs. as expected			
	ab capacita			
Analysis:	Expected results achieved			
	-			

5.2.48 CFT-SIM-08 (AT&T SIM)

Test Case CFT	Test Case CFT-SIM-08 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-08 Acquire SIM internal memo		st Numbers	
Summary:	Dialed (LND).			
Assertions:	A_SIM-23 If a cellular forensic tool	l provides support for con	nectivity of	
	the target SIM then the tool shall s			
	via all vendor supported interfaces (e.g., PC/SC reader, proprietary			
	reader).			
	A_SIM-27 If a cellular forensic tool		_	
	the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report. A_SIM-33 If a cellular forensic tool successfully completes acquisition of the target SIM then all Last Numbers Dialed (LND) shall be presented in a			
	human-readable format without modifi			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Tue May 20 14:40:22 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Delete	d Number	
		Foreign Entry		
	Call Logs			
		Last Numbers Dialed (LN	D)	
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread	Dand	
		Incoming Foreign EMS - I	Read	
		Incoming EMS - Deleted		
Log	Created By Secure View Version 1.8.0	0		
Highlights:	Acquisition started: Tue May 20 14:4			
3 3	Acquisition finished: Tue May 20 14			
	-			
	Media connectivity was established v	via supported interface		
	Readability and completeness of acqu	uired data was successful		
	LNDs were acquired			
Results:				
	Assertion & Expected Result		Actual	
	7. GTM 02. GTM		Result	
	A_SIM-23 SIM connectivity via supp		as expected	
	A_SIM-27 Readability and completen	ess of acquired data via	as expected	
	supported reports.		ag armagt ad	
	A_SIM-33 Acquisition of LNDs. as expected			
Analysis:	Expected results achieved			
THICT Y DID.	nubcocca repares actives			

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

Test Case CFT-SIM-09 Susteen Secure View Version 1.8.0				
Case		CFT-SIM-09 Acquire SIM internal memory and review reported text messages (i.e.,		
Summary:	SMS, EMS).			
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of the			
ASSCI CIOIIS	target SIM then the tool shall succ	essfully recognize the target	SIM via all	
	vendor supported interfaces (e.g., PC/SC reader, proprietary reader). A_SIM-27 If a cellular forensic tool successfully completes acquisition of the target SIM then the tool shall have the ability to present acquired data in a human-readable format via either preview-pane or generated report. A_SIM-34 If a cellular forensic tool successfully completes acquisition of the target SIM then all SMS text messages shall be presented in a human-readable format without modification. A_SIM-35 If a cellular forensic tool successfully completes acquisition of the target SIM then all EMS text messages shall be presented in a human-readable			
	format without modification.	os sharr se prosented in a na	arr readabre	
Tester	rpa			
Name:				
Test Host:	Morrisy			
Test Date:	Tue May 20 14:52:16 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)	Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Deleted Nu	mber	
		Foreign Entry		
	Call Logs	<u> </u>		
		Last Numbers Dialed (LND)		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - Read	1	
		Incoming EMS - Deleted		
Log	Created By Secure View Version 1.8.	0		
Highlights:	-			
	Acquisition finished: Tue May 20 15	:00:15 EDT 2008		
	Media connectivity was established			
	Readability and completeness of acq	uired data was successful		
	SMS messsages were acquired Partial EMS messages were acquired			
	raitiai Emb messages were acquired			
	Notes:			
	EMS messages with the status of UNR	EAD were acquired but not pro	perly presented	
	(i.e., displayed consistent with the	e pre-defined dataset). The	message was	
	displayed as:			
	45	100127 0007713	****	
	*ÑeKCIAZ;JÄgAZKggCOKgABeKAZKggCOKgA			
	sAHKYSmKeKIABgAho§AZKggCOKgABÑIAF§ÑGCiKÑCiKIAh§OKiQKeABgAÜÑKAnQKÑAdKGKSmKIADsAi hQKAdKGKSmSÑOA;CeisApà			
	IIQKAGKGKGKGKGKGKGKGKGKGKGKGKGKGKGKGKGKGKG			
Results:				
	Assertion & Expected Result		Actual	
			Result	
	A_SIM-23 SIM connectivity via supported interfaces. as expecte			
	A_SIM-27 Readability and completen		as expected	
	supported reports.			
·				

Test Case CF	T-SIM-09 Susteen Secure View Version 1.8.0	
	A_SIM-34 Acquisition of SMS messages.	as expected
	A_SIM-35 Acquisition of EMS messages.	Partial
Analysis:	Partial expected results achieved	

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

Test Case CFT-SIM-10 Susteen Secure View Version 1.8.0			
Case	CFT-SIM-10 Acquire SIM internal memory		cation related
Summary:	data (i.e., LOCI, GPRSLOCI).		
Assertions:	A_SIM-23 If a cellular forensic tool provides support for connectivity of		
	the target SIM then the tool shall successfully recognize the target SIM		
	via all vendor supported interfaces (e	e.g., PC/SC reader, prop	rietary
	reader).		
	A_SIM-27 If a cellular forensic tool successfully completes acquisition the target SIM then the tool shall have the ability to present acquire		
	data in a human-readable format via es	ither preview-pane or ge	nerated
	report.		
	A_SIM-36 If a cellular forensic tool a	successfully completes a	cquisition of
	the target SIM then all location relat		all be
	presented in a human-readable format v		
	A_SIM-37 If a cellular forensic tool a		-
	the target SIM then all location relat) shall be
	presented in a human-readable format v	without modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue May 20 15:07:07 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)	Manadanana Tananaha	
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Deleted	d Number
		Foreign Entry	
	Call Logs		- \
		Last Numbers Dialed (LNI))
	Text Messages	T ' GMG D 1	
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - I	Read
		Incoming EMS - Deleted	
Ŧ	Control De Common Wise Manufact 1 0 0		
Log Highlights:	Created By Secure View Version 1.8.0	.07 EDE 2000	
HIGHIIIGHUS.	Acquisition started: Tue May 20 15:07 Acquisition finished: Tue May 20 15:10		
	Acquisition ilmished. The May 20 15.10	0.53 EDI 2006	
	Media connectivity was established via	a supported interface	
	Readability and completeness of acquir		
	LOCI data was acquired	rea data was successful	
	GPRSLOCI data was acquired		
Results:			
	Assertion & Expected Result		Actual
			Result
	A_SIM-23 SIM connectivity via suppor	ted interfaces.	as expected
	A_SIM-27 Readability and completeness		as expected
	supported reports.	-	-
	A_SIM-36 Acquisition of LOCI information	tion.	as expected
	A_SIM-37 Acquisition of GPRSLOCI info		as expected
Analysis:	Expected results achieved		
_			

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

Test Case CF	G-SIMO-01 Susteen Secure View Version	1.8.0	
Case	CFT-SIMO-01 Acquire SIM internal memory and review acquired data via		
Summary:	supported generated report formats.		
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed May 21 09:01:54 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
_	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	ed Number
		Foreign Entry	
	Call Logs	rorergn zmery	
	0011 2035	Last Numbers Dialed (LN	ID)
	Text Messages	East Nametr Braica (Er	(12)
	Text hebbugeb	Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Pead
		Incoming EMS - Deleted	iteau
Log Highlights:			
Daniel Land	EMS messages with the status of UNR properly presented (i.e., displayed dataset).	_	
Results:	Assertion & Expected Result		Actual Result
	A_SIMO-58 Comparison of known SIM generated reports.	data elements via	Partial
Analysis:	Partial expected results achieved		

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

Test Case CF	T-SIMO-05 Susteen Secure View Version	1.8.0		
Case	CFT-SIMO-05 Acquire SIM internal mer	CFT-SIMO-05 Acquire SIM internal memory and review reports for recoverable		
Summary:	deleted data.			
Assertions:	A_SIMO-58 If a cellular forensic too the target media (i.e., SIM) then the a human-readable format without mode formats.	ne tool shall present the a	cquired data in	
	A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats.			
	A_SIMO-62 If the cellular forensic the target SIM and recoverable deleteresent recoverable deleted data in modification.	ted SMS messages exist then a human-readable format wi	the tool shall thout	
	A_SIMO-63 If the cellular forensic the target SIM and recoverable deleteresent recoverable deleted data in modification.	ted EMS messages exist then	the tool shall	
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed May 21 09:24:47 EDT 2008			
Device:	ATT_SIM			
Source	OS: WIN XP			
Setup:	Interface: USB			
	DATA OBJECTS	DATA ELEMENTS		
	Abbreviated Dialing Numbers (ADN)			
		Maximum Length		
		Special Character		
		Blank Name		
		Regular Length - Deleted	Number	
		Foreign Entry		
	Call Logs	,		
	3	Last Numbers Dialed (LND)	
	Text Messages	,	,	
		Incoming SMS - Read		
		Incoming SMS - Foreign		
		Incoming SMS - Deleted		
		Incoming SMS - Unread		
		Incoming Foreign EMS - Re	bee	
		Incoming EMS - Deleted	zau	
		incoming and beleece		
Log	Created By Secure View Version 1.8.0)		
Highlights:	Acquisition started: Wed May 21 09:2 Acquisition finished: Wed May 21 09	24:47 EDT 2008		
	Complete representation of known data Deleted SMS data was recovered Deleted EMS data was recovered but n		s successful	
	Notes: Deleted EMS messages were partially acquired but not properly presented (i.e displayed consistent with the pre-defined dataset). The message was displaye as: QSGARGABAHKYKIKIAJÄGAZKGGCOKY; JÄGAZKGGCOKGABYG§APCMKAhQKABESYSisAh§AJÄEKIAFÄ CYYARÄCOKGY; Z§Ñ§aQ§ÑSGAf§kÑIADsiKGABÑIAPCMKAhQKABESYSisAh§AHSGAYCSAJÑSG§IKAF PCeCGiKegABYY§OSÑOAZKGGCOKGAJÑADKAFEKCIKIARÄAlCeS§kgAXCÑOkCOKGAÀ			
Results:				
	Assertion & Expected Result		Actual	
			Result	

Test Case CFT-SIMO-05 Susteen Secure View Version 1.8.0			
	A_SIMO-58 Comparison of known SIM data elements via generated reports.	as expected	
	A_SIMO-59 Comparison of known SIM data elements via preview-pane.	as expected	
	A_SIMO-62 Recovery of deleted SMS messages.	as expected	
	A_SIMO-63 Recovery of deleted EMS messages.	Not as expected	
Analugia:	Emograd wagulta Not aghioved		
Analysis:	Expected results Not achieved		

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

Test Case CFT-SIMO-07 Susteen Secure View Version 1.8.0			
Case Summary:	CFT-SIMO-07 Acquire SIM internal men	mory and review data conta	aining foreign
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats. A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats. A_SIMO-65 If the cellular forensic tool supports proper display of foreign language character sets then the application should present abbreviated dialing numbers (ADN) containing foreign language characters in their native format without modification. A_SIMO-66 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language character in their native format without modification.		
Tester	rpa		
Name: Test Host:	Morrisy		
Test Date:	Wed May 21 09:47:42 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	1 27 1
		Regular Length - Deleted	d Number
	Call Laws	Foreign Entry	
	Call Logs	Tank Manushama Dialog (IM	D.)
	Toxt Maggagag	Last Numbers Dialed (LN	ע (ט
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Read Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS - 1	Read
		Incoming EMS - Deleted	iteaa
		incoming his beleece	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Wed May 21 09:4 Acquisition finished: Wed May 21 09	42:42 EDT 2008	
	Complete representation of known data via generated reports was successful ADNs containing foreign characters were acquired and properly displayed Text messages containing foreign characters were acquired and properly displayed		
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-58 Comparison of known SIM	data elements via	as expected
	generated reports.		
	A_SIMO-59 Comparison of known SIM	data elements via	as expected
	preview-pane.		
	A_SIMO-65 Acquisition of ADNs cont	aining foreign language	as expected
	characters.		
	A_SIMO-66 Acquisition of text messages containing foreign as expected		
	language characters.		

Test Case CFT	-SIMO-07 Susteen Secure View Version 1.8.0
Analysis:	Expected results achieved

5.2.54 CFT-SIMO-08 (AT&T SIM)

Test Case CFT-SIMO-08 Susteen Secure View Version 1.8.0			
Case	CFT-SIMO-08 Begin acquisition on a PIN protected SIM to determine if the		
Summary:	tool provides an accurate count of the remaining number of PIN attempts and		
	if the PIN attempts are decremented		
Assertions:	A_SIMO-67 If a cellular forensic too	ol provides the exami	ner with the
	remaining number of authentication attempts then the application should		
	provide an accurate count of the rem	maining PIN attempts.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed May 21 09:52:50 EDT 2008		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)		
		Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - De	eleted Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed	l (LND)
	Text Messages		
		Incoming SMS - Read	l
		Incoming SMS - Fore	eign
		Incoming SMS - Dele	eted
		Incoming SMS - Unre	ead
		Incoming Foreign EM	IS - Read
		Incoming EMS - Dele	eted
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Wed May 21 09:5		
	Acquisition finished: Wed May 21 09	:53:35 EDT 2008	
	Remaining number of PIN attempts pro	operly displayed was	successful
Results:	Describing 6 Franchish Bernati		1 2 minute 1 2 minute 1
	Assertion & Expected Result	5 777	Actual Result
	A_SIMO-67 Display of remaining number of PIN attempts. as expected		
Analysis:	Expected results achieved		

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

Test Case CFT	-SIMO-09 Susteen Secure View Version	1.8.0	
Case	CFT-SIMO-09 Begin acquisition on a SIM whose PIN attempts have been		
Summary:	exhausted to determine if the tool provides an accurate count of the		
	remaining number of PUK attempts and if the PUK attempts are decremented		
	when entering an incorrect value.		
Assertions:	A_SIMO-68 If a cellular forensic tool provides the examiner with the		
	remaining number of PUK attempts then the application should provide an		
	accurate count of the remaining PUK attempts.		
Tester	2000		
Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed May 21 09:54:05 EDT 2008		
Device:	ATT SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
secup.	DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)	Marinum I anath	
		Maximum Length	
		Special Character	
		Blank Name	lated Monday
		Regular Length - De	eleted Number
	0.11.7	Foreign Entry	
	Call Logs		(
		Last Numbers Dialed	(LND)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Fore	
		Incoming SMS - Dele	
		Incoming SMS - Unre	
		Incoming Foreign EM	
		Incoming EMS - Dele	eted
Log	Created By Secure View Version 1.8.0		
Highlights:	Acquisition started: Wed May 21 09:5		
	Acquisition finished: Wed May 21 09:	5/:U4 EDT 2008	
	Domaining number of DIW attended	moralis displayed	auggoggful
	Remaining number of PUK attempts pro	pperry displayed was	Successiui
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-68 Display of remaining number of PUK attempts. as expected		
		<u> </u>	-
Analysis:	Expected results achieved		

5.2.56 CFT-SIMO-11 (AT&T SIM)

Test Case CFT	-SIMO-11 Susteen Secure View Version	1.8.0	
Case	CFT-SIMO-11 Acquire SIM internal me	mory and review the overa	ll case file
Summary:	hash.		
Assertions:	A_SIMO-58 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats. A_SIMO-59 If a cellular forensic tool successfully completes acquisition of the target media (i.e., SIM) then the tool shall present the acquired data in a human-readable format without modification via supported generated report formats. A_SIMO-70 If the cellular forensic tool supports hashing for the overall case file then the tool shall present the user with one hash value representative of the entire case data.		
	_		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed May 21 09:59:19 EDT 2008		
Device:	ATT_SIM OS: WIN XP		
Source Setup:	Interface: USB		
perup.	DATA OBJECTS	DATA ELEMENTS	
	Abbreviated Dialing Numbers (ADN)	DATA BERMATO	
	Abbieviaced bidiing Numbers (Abiv)	Maximum Length	
		Special Character	
		Blank Name	
		Regular Length - Delete	ed Number
		Foreign Entry	
	Call Logs		
		Last Numbers Dialed (Li	ND)
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Foreign	
		Incoming SMS - Deleted	
		Incoming SMS - Unread	
		Incoming Foreign EMS -	Read
		Incoming EMS - Deleted	
Log Highlights:	Created By Secure View Version 1.8.0 Acquisition started: Wed May 21 09:59:19 EDT 2008 Acquisition finished: Wed May 21 10:18:27 EDT 2008		
	Complete representation of known da Device hash reporting for overall c	-	was successful
Results:			
	Assertion & Expected Result		Actual Result
	A_SIMO-58 Comparison of known SIM generated reports.	data elements via	as expected
	A_SIMO-59 Comparison of known SIM preview-pane.	data elements via	as expected
	A_SIMO-70 SIM hash reporting for o	verall case file.	as expected
7			
Analysis:	Expected results achieved		

About the National Institute of Justice

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

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

Strategic Goals

NIJ has seven strategic goals grouped into three categories:

Creating relevant knowledge and tools

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

Dissemination

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

Agency management

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

Program Areas

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

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

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

http://www.ojp.usdoj.gov/nij

or contact:

National Criminal Justice Reference Service P.O. Box 6000 Rockville, MD 20849–6000 800–851–3420 http://www.ncjrs.gov