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| | Test Results for Mobile Device Acquisition Tool: Guidance Software Neutrino 1.4.14 |
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Test Results for Mobile Device Acquisition Tool:

Guidance Software Neutrino 1.4.14



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Introduction

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

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

This document reports the results from testing Guidance Software Neutrino, version 1.4.14, 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 <u>www.cftt.nist.gov/mobile_devices.htm</u>.

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: Version: Run Environments: | Guidance Software Neutrino 1.4.14 Windows XP Service Pack 2 |
|---|---|
| Supplier: | Guidance Software |
| Address: | 215 North Marengo Ave., Suite 250 Pasadena, CA 91101 |
| Tel: | 626–229–9191 |
| Fax: | 626–229–9199 |
| WWW: | http://www.guidancesoftware.com |

1 Results Summary

Except for the following test cases (CFT–IM–08, CFT–SIM–07, CFT–IMO–10), 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. EMS messages (text messages over 160 characters were not acquired for the Motorola RAZR V3). (CFT–IM–08)
- 2. Maximum length ADNs and ADNs that contain special characters for the name (i.e., '@') were not reported. (CFT–SIM–07)
- 3. Stand-alone internal memory acquisitions alter the status flags of 'unread' text messages present on the SIM to 'read'. (CFT–IMO–10)

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 Guidance Software's Neutrino V1.4.14 and the linked test cases.

Table 2 lists the features not available in Guidance Software's Neutrino v1.4.14 and the linked test cases.

| Supported Optional Feature | Cases selected for execution |
|---|-------------------------------|
| Base Cases | CFT-IM-(01-02,04-08,10), CFT- |
| | SIM-(01-07, 08, 09) |
| Acquire mobile device internal memory and | CFT-IMO-01 |
| review data via supported generated report | |
| formats | |
| Acquire mobile device internal memory and | CFT-IMO-02 |
| review reported data via the preview pane | |
| Acquire mobile device internal memory and | CFT-IMO-03 |
| compare reported data via the preview pane | |
| and supported generated report formats | |
| After a successful mobile device internal | CFT-IMO-04 |
| memory acquisition, alter the case file via third | |
| party means and attempt to reopen the case | |
| 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-11 |
| review hash values for vendor supported data | |
| objects | |
| Acquire SIM internal memory and review | CFT–SIMO–01 |
| acquired data via supported generated report | |
| formats | |
| Acquire SIM internal memory and review | CFT–SIMO–02 |
| acquired data via the preview pane | |
| Acquire SIM internal memory and compare | CFT–SIMO–03 |
| acquired data via the preview pane and | |
| supported generated reports | |
| After a successful SIM internal memory | CFT–SIMO–04 |
| acquisition, alter the case file via third party | |
| means and attempt to reopen the case | |
| Acquire SIM internal memory and review | CFT–SIMO–05 |
| reports for recoverable deleted data | |

Table 1 Selected Test Cases

| 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 hash | CFT-SIMO-10 |
| values for vendor supported data objects | |

Table 2 Omitted Test Cases

| Unsupported Optional Feature | Cases omitted (not executed) |
|--|------------------------------|
| Begin mobile device internal memory | CFT-IM-03 |
| acquisition and interrupt connectivity by | |
| interface disengagement | |
| Acquire mobile device internal memory and | CFT-IM-09 |
| review reported MMS multimedia related data | |
| (i.e., text, audio, graphics, video) | |
| Acquire SIM internal memory and review | CFT-SIM-10 |
| reported location related data (i.e., LOCI, | |
| GPRSLOCI) | |
| 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 | |
| Acquire mobile device internal memory and | CFT-IMO-09 |
| review data containing foreign language | |
| characters | |
| Acquire mobile device internal memory and | CFT–IMO–12 |
| review the overall case file hash | |
| Acquire SIM internal memory and review | CFT–SIMO–06 |
| generated log files | |
| Acquire SIM internal memory and review data | CFT–SIMO–07 |
| containing foreign language characters | |
| Acquire SIM internal memory and review the | CFT–SIMO–11 |
| overall case file hash. | |

3 Results by Test Assertion

Table 4 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.

| 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-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-06 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then equipment related information shall be | | |
| presented in a human-readable format without modification. | | |
| A_IM-07 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all known address book entries shall be | | |
| presented in a human-readable format without modification. | | |
| A_IM-08 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all known maximum length address book | | |
| entries shall be presented in a human-readable format without | | |
| modification. | | |
| A_IM–09 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all known address book entries containing | | |
| special characters shall be presented in a human-readable format | | |
| without modification. | | |
| A_IM–10 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all known address book entries containing | | |
| blank names shall be presented in a human-readable format without | | |
| modification. | | |
| A_IM–11 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all known email addresses associated with | | |
| address book entries shall be presented in a human-readable format | | |
| without modification. | | |
| A_IM–12 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all known graphics associated with address | | |
| book entries shall be presented in a human-readable format without | | |
| modification. | | |
| A_IM-13 If a cellular forensic tool successfully completes acquisition | 1 | |

| of the target device then all known datebook, calendar, note entries shall | | |
|---|---|------|
| be presented in a human-readable format without modification. | | |
| A_IM-14 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without | | |
| modification. | | |
| A_IM-15 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target device then all call logs (incoming/outgoing) shall be | 1 | |
| presented in a human-readable format without modification. | | |
| A_IM–16 If a cellular forensic tool successfully completes acquisition | 1 | 3.1 |
| of the target device then all text messages (i.e., SMS, EMS) messages | - | 5.11 |
| 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). | 1 | |
| 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 | | |
| SIM is not supported. | 1 | |
| A_SIM-25 If a cellular forensic tool encounters disengagement between the SIM reader and application then the application shall notify | 1 | |
| the user that connectivity has been disrupted. | | |
| A_SIM-26 If the SIM is password protected then the cellular forensic | 1 | |
| tool shall provide the examiner with the opportunity to input the PIN | 1 | |
| before acquisition. | | |
| A_SIM-27 If a cellular forensic tool successfully completes acquisition | 6 | |
| of the target SIM then the tool shall have the ability to present acquired | Ŭ | |
| data in a human-readable format via either preview pane or generated | | |
| report. | | |
| A_SIM–29 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target SIM then the ICCID shall be presented in a human-readable | | |
| format without modification. | | |
| A_SIM-30 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target SIM then the IMSI shall be presented in a human-readable | | |

| format without modification. | | |
|--|---|-----|
| A_SIM-32 If a cellular forensic tool successfully completes acquisition | 1 | 3.2 |
| of the target SIM then all Abbreviated Dialing Numbers (ADN) shall be | | |
| presented in a human-readable format without modification. | | |
| A_SIM-33 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target SIM then all Last Numbers Dialed (LND) shall be | | |
| presented in a human-readable format without modification. | | |
| A_SIM-34 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target SIM then all SMS text messages shall be presented in a | | |
| human-readable format without modification. | | |
| A_SIM-35 If a cellular forensic tool successfully completes acquisition | 1 | |
| of the target SIM then all EMS text messages shall be presented in a | | |
| human-readable format without modification. | | |
| A_IMO-38 If a cellular forensic tool successfully completes acquisition | 8 | |
| of the target device then the tool shall present the acquired data without | | |
| modification via supported generated report formats. | | |
| A_IMO-39 If a cellular forensic tool successfully completes acquisition | 8 | |
| of the target device then the tool shall present the acquired data without | | |
| modification in a preview-pane view. | | |
| A_IMO-40 If a cellular forensic tool provides a preview-pane view and | 1 | |
| a generated report of the acquired data then the reports shall maintain | | |
| consistency of all reported data elements. | | |
| A_IMO-41 If modification is attempted to the case file or individual | 1 | |
| data elements via third-party means then the tool shall provide | | |
| protection mechanisms disallowing or reporting data modification. | | |
| A_IMO-55 If the cellular forensic tool supports stand-alone acquisition | 1 | 3.3 |
| of internal memory with the SIM present, then the contents of the SIM | | |
| shall not be modified during internal memory acquisition. | | |
| A_IMO-56 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. | 6 | |
| A_SIMO-58 If a cellular forensic tool successfully completes | 6 | |
| acquisition of the target media (i.e., SIM) then the tool shall present the | | |
| acquired data in a human-readable format without modification via | | |
| supported generated report formats. | 6 | |
| 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 proving page view. | | |
| human-readable format without modification in a preview-pane view. | 1 | |
| A_SIMO -60 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data than the reports shall | 1 | |
| and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements. | | |
| A_SIMO–61 If modification is attempted to the case file or individual | 1 | |
| data elements via third-party means then the tool shall provide | 1 | |
| protection mechanisms disallowing or reporting data modification. | | |
| A_SIMO–62 If the cellular forensic tool successfully completes | 1 | |
| acquisition of the target SIM and recoverable deleted SMS messages | 1 | |
| acquisition of the target shirt and recoverable deleted siris 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 | |
| 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–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-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 | | |

Table 5 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-03 If a cellular forensic tool encounters disengagement between the device and |
| application then the application shall notify the user that connectivity has been disrupted. |
| A_IM-05 If a cellular forensic tool successfully completes acquisition of the target |
| device then subscriber related information shall be presented in a human-readable format |
| without modification. |
| A_IM–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_SIM-28 If a cellular forensic tool successfully completes acquisition of the target SIM |
| then the SPN shall be presented in a human-readable format without modification. |
| A_SIM-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. |
| A_SIM-36 If a cellular forensic tool successfully completes acquisition of the target SIM |
| then all location related data (i.e., LOCI) shall be presented in a human-readable format |
| without modification. |
| A_SIM-37 If a cellular forensic tool successfully completes acquisition of the target SIM |
| then all location related data (i.e., GRPSLOCI) shall be presented in a human-readable |
| |

format without modification.

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-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.

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-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-65 If the cellular forensic tool supports proper display of foreign language character sets then the application should present abbreviated dialing numbers (ADNs) containing foreign language characters in their native format without modification.

A_SIMO–66 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

A_SIMO–70 If the cellular forensic tool supports hashing for the overall case file then the tool shall present the user with one hash value representative of the entire case data.

3.1 EMS Messages

EMS messages (i.e., messages over 160 characters) present on the internal memory of the Motorola RAZR V3 were not acquired or reported in either the GUI or generated report.

3.2 Abbreviated Dialing Numbers

Maximum Length ADNs (16 characters) or ADNs containing special characters (i.e., '@') present on both the T-Mobile and AT&T SIM were not acquired or reported in either the GUI or generated report.

3.3 Stand-alone Acquisition

When selecting "Acquire Logical Data" for the internal memory of the mobile device, text messages present on the SIM whose status is Unread is modified to Read after completing the logical data acquisition for the internal memory of the device. Note: "Acquire SIM Image" is not selected.

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.

| Heading | Description |
|-----------------|--|
| First Line: | Test case ID, name, and version of tool tested. |
| Case Summary: | Test case summary from GSM Mobile Device and |
| | Associated Media Tool Specification and Test Plan Version |
| | 1.1. |
| Assertions: | The test assertions applicable to the test case, selected from |
| | GSM Mobile Device and Associated Media Tool |
| | Specification and Test Plan Version 1.1. |
| Tester Name: | Name or initials of person executing test procedure. |
| Test Host: | Host computer executing the test. |
| Test Date: | Time and date that test was started. |
| Device: | Source mobile device, media (i.e., SIM). |
| Source Setup: | Outline of data object types populated on the device or |
| | associated media (i.e., SIM). |
| Log Highlights: | Information extracted from various log files to illustrate |
| | conformance or nonconformance to the test assertions. |
| Results | Expected and actual results for each assertion tested. |
| Analysis | Whether or not the expected results were achieved. |

Table 5 Test Results Report Key

5.2 Test Details

5.2.1 CFT-IM-01 (Nokia 6101)

| | -IM-01 Guidance Software | |
|--------------|--------------------------|--|
| Case | | device internal memory over supported interfaces |
| Summary: | (e.g., cable, Bluetooth, | |
| Assertions: | | rensic tool provides support for connectivity of |
| | | he tool shall successfully recognize the target |
| | device via all vendor su | pported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 14:06:24 EDT | 2008 |
| Device: | Nokia_6101 | |
| Source | OS: WIN XP | |
| Setup: | Interface: RJ45 | |
| | 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 Deleted |
| | | 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 atone data files | Audio |
| | | Audio - Deleted |
| | | |
| | | Image |
| | | Image - Deleted |
| | | Video |
| | | Video - Deleted |

| Test Case CF1 | -IM-01 Guidance Software Neutrino Version 1.4.14 | |
|--------------------|--|---------------|
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 14:06:24 EDT 2008 Acquisition finished: Thu Apr 24 14:16:04 EDT 2008 Device connectivity was established via supported inter | face |
| Results: | Assertion & Expected Result | Actual Result |
| | A_IM-01 Device connectivity via supported interfaces. | as expected |
| Analysis: | Expected results achieved | |

5.2.2 CFT-IM-02 (Nokia 6101)

| Case | -IM-02 Guidance Software | rnal memory acquisition of a non-supported mobile |
|--------------|--------------------------|--|
| Summary: | device. | |
| Assertions: | | forensic tool attempts to connect to a non-supported |
| | | nall have the ability to identify that the device is |
| | not supported. | |
| | | |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 14:18:53 ED | |
| Device: | non-supported mobile de | evice |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | Marrimum Longth |
| | | Maximum Length Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | Foreign Entry |
| | PIM Data | |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | - |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | Incoming Video |
| | | Outgoing Audio |
| | | Outgoing Image |
| | Obered eleve deter Sill | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | Audio - Deleted |
| | | Image |
| | | Image - Deleted |
| | | Video |
| | | Video - Deleted |
| | | |
| | | |
| | | |

| Test Case CFT | -IM-02 Guidance Software Neutrino Version 1.4.14 | | |
|---------------|--|---------------|--|
| Highlights: | Acquisition started: Thu Apr 24 14:18:53 EDT 2008 | | |
| | Acquisition finished: Thu Apr 24 14:20:17 EDT 2008 | | |
| | Identification of non-supported devices was succes | sful | |
| Results: | | | |
| | Assertion & Expected Result | Actual Result | |
| | A_IM-02 Identification of non-supported devices. | as expected | |
| | | | |
| Analysis: | Expected results achieved | | |

5.2.3 CFT-IM-04 (Nokia 6101)

| Test Case CFT- | -IM-04 Guidance Software N | Neutrino Version 1.4.14 |
|----------------|------------------------------|---|
| Case | | device internal memory and review reported data |
| Summary: | - | generated reports for readability. |
| Assertions: | | censic tool provides support for connectivity of |
| IDDCI CIOID | _ | ne tool shall successfully recognize the target |
| | - | poported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | censic tool successfully completes acquisition of |
| | | he tool shall have the ability to present acquired |
| | | |
| | | -readable format via either a preview-pane or |
| | generated report. | |
| | | |
| Tester | rpa | |
| Name: | | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 14:32:41 EDT 2 | 2008 |
| Device: | Nokia_6101 | |
| Source | OS: WIN XP | |
| Setup: | Interface: RJ45 | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | Inddiopp boom indiitop | Maximum Length |
| | | Regular Length, email, picture |
| | | |
| | | Special Character |
| | ļ | 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 |
| | The set of the second second | Outgoing - Dereted |
| | Text Messages | |
| | ļ | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | Incoming Video |
| | | Outgoing Audio |
| | | |
| | | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | Audio - Deleted |
| | | Image |
| | | Image - Deleted |
| | | |
| | | Video |
| | | Video - Deleted |

| Test case CF | T-IM-04 Guidance Software Neutrino Version 1.4.14 | |
|--------------------|--|-----------------------|
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 14:32:41 EDT 2008 Acquisition finished: Thu Apr 24 14:39:42 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful | |
| Results: | | |
| | Assertion & Expected Result | Actual Result |
| | Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. | |
| | | Result |
| Analysis: | A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Result as expected |

5.2.4 CFT-IM-05 (Nokia 6101)

| Test Case CF1 | I-IM-05 Guidance Software | Neutrino Version 1.4.14 |
|---------------|---------------------------|--|
| Case | - | e device internal memory and review reported |
| Summary: | | related information (i.e., IMEI, MSISDN). |
| 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 arreadable format via either a preview-pane or |
| | generated report. | i-readable format via either a preview-pane or |
| | | prensic tool successfully completes acquisition of |
| | | equipment related information shall be presented in |
| | a human-readable format | |
| | | |
| Tester | rpa | |
| Name: | | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 14:40:15 EDT | 2008 |
| Device: | Nokia_6101 | |
| Source | OS: WIN XP | |
| Setup: | Interface: RJ45 | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | Maximum Length |
| | | |
| | | Regular Length, email, picture Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | Foreign Entry |
| | PIM Data | Foreign Entry |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | Spoorar onardooor |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | - | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | Incoming Video |
| | | Outgoing Audio |
| | | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |

| | Audio - Deleted | |
|-------------------------|--|------------------|
| | Image | |
| | Image - Deleted | |
| | Video | |
| | Video - Deleted | |
| Loq | Created By Neutrino Version 1.4.14 | |
| Highlights: | Acquisition started: Thu Apr 24 14:40:15 EDT 2008 Acquisition finished: Thu Apr 24 15:06:01 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful | |
| Highlights: | Acquisition finished: Thu Apr 24 15:06:01 EDT 2008 Device connectivity was established via supported interface | Actual Result |
| Highlights: Results: | Acquisition finished: Thu Apr 24 15:06:01 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Assertion & Expected Result | |
| Highlights: | Acquisition finished: Thu Apr 24 15:06:01 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful | Result |

5.2.5 CFT-IM-06 (Nokia 6101)

| Test Case CF | T-IM-06 Guidance Software | Neutrino Version 1.4.14 |
|--|--|---|
| Case | | e device internal memory and review reported PIM |
| Summary: | related data. | |
| Summary: Assertions: | A_IM-01 If a cellular for the target device then device via all vendor so A_IM-04 If a cellular for the target device then data elements in a human generated report. A_IM-07 If a cellular for the target device then a human-readable format A_IM-08 If a cellular for the target device then a be presented in a human A_IM-09 If a cellular for the target device then a characters shall be pre- modification. A_IM-10 If a cellular for the target device then a names shall be presented A_IM-11 If a cellular for the target device then a names shall be presented A_IM-11 If a cellular for the target device then a book entries shall be pre- modification. A_IM-12 If a cellular for | orensic tool successfully completes acquisition of all known maximum length address book entries shall -readable format without modification. orensic tool successfully completes acquisition of all known address book entries containing special sented in a human-readable format without orensic tool successfully completes acquisition of all known address book entries containing blank d in a human-readable format without modification. orensic tool successfully completes acquisition of all known email addresses associated with address resented in a human-readable format without orensic tool successfully completes acquisition of |
| | the target device then a entries shall be presen | all known graphics associated with address book ted in a human-readable format without modification. |
| | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a | orensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Tester Name: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries |
| Name: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries |
| Name: Test Host: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character |
| Name: Fest Host: Fest Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 Maximum Length Regular Length, email, picture Special Character Blank Name |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Cest Host: Cest Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Cest Host: Cest Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Cest Host: Cest Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Cest Host: Cest Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 200 200 200 200 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Tester Name: Test Host: Test Date: Device: Source Setup: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 15:16:50 EDT Nokia_6101 OS: WIN XP Interface: RJ45 DATA OBJECTS Address Book Entries DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |

| | | Neutrino Version 1.4.14 | |
|-------------|--|---|---|
| | | 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 | |
| | MNO. Morran and a | Outgoing EMS - Deleted | |
| | MMS Messages | Turenium Budie | |
| | | Incoming Audio Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | Ourgoing Video | |
| | Scand atome data ittes | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |
| | | Video - Deleted | |
| | | Video - Dereced | |
| | | | |
| | | | |
| Log | Created By Neutrino Vers | | |
| Highlights: | - | Apr 24 15:16:50 EDT 2008 | |
| | Acquisition finished: The | u Apr 24 15:24:16 EDT 2008 | |
| | | | |
| | | | |
| | _ | established via supported interface | |
| | Readability and completer | ness of acquired data was successful | |
| | Readability and completer All address book entries | ness of acquired data was successful were successfully acquired | |
| | Readability and completer | ness of acquired data was successful were successfully acquired | |
| | Readability and completen All address book entries ALL PIM related data was | ness of acquired data was successful were successfully acquired | |
| | Readability and completen All address book entries ALL PIM related data was Notes: | ness of acquired data was successful were successfully acquired acquired | |
| | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont | ness of acquired data was successful were successfully acquired | |
| | Readability and completen All address book entries ALL PIM related data was Notes: | ness of acquired data was successful were successfully acquired acquired | |
| | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire | |
| | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. | ness of acquired data was successful were successfully acquired acquired | |
| | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire | |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire | |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. | |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. | ectly to the |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries conf corresponding name. Acquisitions of notes are Assertion & Expected Re | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. | ectly to the Actual Result |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Assertion & Expected Re A_IM-01 Device connecting | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. sult vity via supported interfaces. | Actual Result as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Assertion & Expected Re A_IM-01 Device connecti A_IM-04 Readability and | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. | ectly to the Actual Result |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connecti A_IM-04 Readability and supported reports. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. sult vity via supported interfaces. completeness of acquired data via | Actual Result as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Assertion & Expected Re A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. sult vity via supported interfaces. completeness of acquired data via address book entries. | Actual Result as expected as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection A_IM-04 Readability and supported reports. A_IM-07 Acquisition of A_IM-08 Acquisition of the second sec | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. sult vity via supported interfaces. completeness of acquired data via | Actual Result as expected as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 |
| esults: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are 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 | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. sult vity via supported interfaces. completeness of acquired data via address book entries. | Actual Result as expected as expected as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a A_IM-08 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a special characters. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 | Actual Result as expected as expected as expected as expected as expected as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connecti A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of a | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries conf corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection A_IM-04 Readability and supported reports. A_IM-07 Acquisition of a entries. A_IM-09 Acquisition of a special characters. A_IM-10 Acquisition of a blank name entry. A_IM-11 Acquisition of address book entries. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connecti 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. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 | Actual Result as expected as expected as expected as expected as expected as expected as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection 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. | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection 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 book entries. A_IM-13 Acquisition of | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection 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). | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection 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). | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 as expected as expected |
| Results: | Readability and completer All address book entries ALL PIM related data was Notes: Address book entries cont corresponding name. Acquisitions of notes are Acquisitions of notes are Acquisitions of notes are A_IM-01 Device connection 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). | ness of acquired data was successful were successfully acquired acquired taining pictures were not linked dire e not supported by Neutrino. 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 |

5.2.6 CFT-IM-07 (Nokia 6101)

| Test Case CFT | -IM-07 Guidance Software 1 | Neutrino Version 1.4.14 | |
|-----------------|---|--|--|
| Case | CFT-IM-07 Acquire mobile device internal memory and review reported call | | |
| Summary: | logs. | | |
| Assertions: | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). | | |
| | A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report. | | |
| | A_IM-15 If a cellular fo | rensic tool successfully completes acquisition of ll call logs (incoming/outgoing) shall be presented at without modification. | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Fri Apr 25 08:59:51 EDT | 2008 | |
| Device: | Nokia_6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| | 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 - Kead 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 files | Audio | |
| | Stand-alone data files | | |

| | Image - Deleted | | | |
|-------------|---|--|--|--|
| | Video | | | |
| | Video - Deleted | | | |
| | | | | |
| | | | | |
| Log | - | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Fri Apr 25 08:59:51 EDT 2008 | | | |
| | Acquisition finished: Fri Apr 25 09:32:00 EDT 2008 | | | |
| | | | | |
| | Device connectivity was established via supported interface | | | |
| | Readability and completeness of acquired data was successful | | | |
| | Readability and completeness of acquired data was successful | | | |
| | Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired | | | |
| Results: | | | | |
| Results: | All Call Logs (incoming, outgoing) were acquired | Actual | | |
| Results: | | | | |
| Results: | All Call Logs (incoming, outgoing) were acquired | Actual | | |
| Results: | All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. | Actual Result | | |
| Results: | All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Actual Result as expected | | |
| Results: | All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected | | |
| Results: | All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Actual Result as expected | | |
| Results: | All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected | | |

5.2.7 CFT-IM-08 (Nokia 6101)

| Test Case CFI | -IM-08 Guidance Software | Neutrino Version 1.4.14 | |
|-----------------|---|--|--|
| Case | CFT-IM-08 Acquire mobile device internal memory and review reported text | | |
| Summary: | messages. | - | |
| Assertions: | A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). | | |
| | A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or | | |
| | | 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 Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Fri Apr 25 09:33:26 EDT | 2008 | |
| Device: | Nokia_6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| | 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 | | |
| | TIM Data | Maximum Length | |
| | | | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | 5 | |
| | | 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 | | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Fri Apr 25 09:33:26 EDT 2008 | | |
| | Acquisition finished: Fri Apr 25 09:45:03 EDT 2008 | | |
| | | | |
| | Device connectivity was established via supported interface | | |
| | Readability and completeness of acquired data was successful | | |
| | Readability and completeness of acquired data was successful | | |
| | ALL text messages (SMS, EMS) were acquired | | |
| Pogulta | | | |
| Results: | ALL text messages (SMS, EMS) were acquired | Actual | |
| Results: | | | |
| Results: | ALL text messages (SMS, EMS) were acquired | Actual | |
| Results: | ALL text messages (SMS, EMS) were acquired Assertion & Expected Result | Actual Result | |
| Results: | ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. | Actual Result as expected | |
| Results: | ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected | |
| Results: | ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Actual Result as expected | |
| Results: | ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected | |

5.2.8 CFT-IM-10 (Nokia 6101)

| | -IM-10 Guidance Software | | |
|--------------------------|---|--|--|
| 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 forensic tool provides support for connectivity of | | |
| | the target device then the tool shall successfully recognize the target | | |
| | device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). | | |
| | A_IM-04 If a cellular forensic tool successfully completes acquisition of | | |
| | the target device then the tool shall have the ability to present acquired | | |
| | data elements in a human-readable format via either a preview-pane or | | |
| | generated report. | | |
| | A_IM-20 If a cellular forensic tool successfully completes acquisition of | | |
| | - | all stand-alone audio files shall be playable via | |
| | | ication or suggested third-party application without | |
| | modification. | | |
| | | orensic tool successfully completes acquisition of | |
| | - | all stand-alone image files shall be viewable via | |
| | either an internal application or suggested third-party application without | | |
| | modification. | | |
| | | orensic tool successfully completes acquisition of | |
| | - | all stand-alone video files shall be viewable via | |
| | | ication or suggested third-party application without | |
| | modification. | | |
| Tester | rpa | | |
| Name: | Manual and | | |
| Test Host: Test Date: | Morrisy Fri Apr 25 10:21:00 EDT | 2008 | |
| Device: | Nokia_6101 | 2000 | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| beeup | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | Address book Entries | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | - | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | 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 | Outgoing EMS - Deleted | |

| | Incoming Image | |
|----------|--|--|
| | Incoming Video | |
| | Outgoing Audio | |
| | Outgoing Image | |
| | Outgoing Video | |
| | Stand-alone data files | |
| | Audio | |
| | Audio - Deleted | |
| | Image | |
| | Image - Deleted | |
| | Video | |
| | Video - Deleted | |
| | Acquisition started: Fri Apr 25 10:21:00 EDT 2008 | |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir Assertion & Expected Result | Actual Result |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. | Actual Result as expected |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Actual Result |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir 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-20 Acquisition of stand-alone audio files. | Actual Result as expected as expected as expected |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir 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-20 Acquisition of stand-alone audio files. A_IM-21 Acquisition of stand-alone graphic files. | Actual Result as expected as expected as expected as expected |
| Results: | Acquisition finished: Fri Apr 25 10:27:16 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 acquir 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-20 Acquisition of stand-alone audio files. | Actual Result as expected as expected as expected |

5.2.9 CFT-IMO-01 (Nokia 6101)

| | FT-IMO-01 Guidance Software Neutrino Version 1.4.14 CFT-IMO-01 Acquire mobile device internal memory and review reported data | | |
|--------------|--|---|--|
| Summary: | via supported generated report formats. | | |
| Assertions: | A_IMO-38 If a cellular forensic tool successfully completes acquisition of | | |
| | | ne tool shall present the acquired data without | |
| | - | ed generated report formats. | |
| | | sa generatea report rormato. | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Fri Apr 25 10:40:30 EDT 2 | 2008 | |
| Device: | Nokia 6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| Jecupi | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | DATA ELEMENTS | |
| | Address Book Entries | Merrimum Teneth | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | Maximum Length | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | Outgoing EMS | |
| | | Outgoing EMS - Deleted | |
| | MMC Maggara | ourgoing wwb - neigled | |
| | MMS Messages | Turaning Audia | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |
| | | | |
| | | Video - Deleted | |
| | | | |
| | | | |

| Test Case CFT | -IMO-01 Guidance Software Neutrino Version 1.4.14 | |
|---------------|---|------------------|
| Highlights: | Acquisition started: Fri Apr 25 10:40:30 EDT 2008 Acquisition finished: Fri Apr 25 10:46:06 EDT 2008 Complete representation of known data via generated report | s 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 | |

5.2.10 CFT-IMO-02 (Nokia 6101)

| Case | T-IMO-02 Guidance Software Neutrino Version 1.4.14 CFT-IMO-02 Acquire mobile device internal memory and review reported data | | |
|--------------|---|---|--|
| Summary: | via the preview-pane. | | |
| Assertions: | A_IMO-39 If a cellular forensic tool successfully completes acquisition of | | |
| | | he tool shall present the acquired data without | |
| | modification in a preview | | |
| | - | * | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Fri Apr 25 11:32:06 EDT | 2008 | |
| Device: | Nokia_6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| | 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 | |
| | MMO Magaza | Outgoing EMS - Deleted | |
| | MMS Messages | Incoming Audio | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | Obered elementates fill | Outgoing Video | |
| | Stand-alone data files | 7 | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |
| | | Video - Deleted | |
| | | | |
| | | | |

| Test Case CFT | -IMO-02 Guidance Software Neutrino Version 1.4.14 | |
|---------------|--|------------------|
| Highlights: | Acquisition started: Fri Apr 25 11:32:06 EDT 2008 Acquisition finished: Fri Apr 25 11:41:00 EDT 2008 Complete representation of known data via preview-pane was successful | |
| Results: | Assertion & Expected Result | Actual Result |
| | A_IMO-39 Comparison of known device data elements via preview-pane. | as expected |
| Analysis: | Expected results achieved | |

5.2.11 CFT-IMO-03 (Nokia 6101)

| | TT-IMO-03 Guidance Software Neutrino Version 1.4.14 | | |
|--------------|--|--|--|
| | CFT-IMO-03 Acquire mobile device internal memory and compare reported data | | |
| Summary: | via the preview-pane and supported generated reports. | | |
| Assertions: | A_IMO-38 If a cellular fo | prensic tool successfully completes acquisition of | |
| | the target device then the | ne tool shall present the acquired data without | |
| | modification via supporte | ed generated report formats. | |
| | A_IMO-39 If a cellular fo | prensic tool successfully completes acquisition of | |
| | the target device then the | ne tool shall present the acquired data without | |
| | modification in a preview | | |
| | | prensic tool provides a preview-pane view and a | |
| | — | acquired data then the reports shall maintain | |
| | consistency of all report | | |
| | comprocessory of all report | | |
| Tester Name: | rpa | | |
| | Morrisy | | |
| | - | 2000 | |
| | Fri Apr 25 11:41:25 EDT 2 | 2008 | |
| | Nokia_6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| | 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 Laws | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | Text Hebbageb | Incoming SMS - Read | |
| | | | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | | |
| | | Outgoing EMS | |
| | | Outgoing EMS - Deleted | |
| | MMS Messages | | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | | |
| | | Video | |

| Test Case CFI | -IMO-03 Guidance Software Neutrino Version 1.4.14 | |
|---------------|--|----------------|
| | Video - Deleted | |
| | | |
| Log | Created By Neutrino Version 1.4.14 | |
| Highlights: | Acquisition started: Fri Apr 25 11:41:25 EDT 2008 | |
| | Acquisition finished: Fri Apr 25 11:57:23 EDT 2008 | |
| | Complete representation of known data via generated reports w | was successful |
| | Complete representation of known data via preview-pane was su | uccessful |
| | Consistency between generated reports and preview-pane was su | uccessful |
| Results: | Accountion & Ermonted Desult | 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-40 Compare generated reports and preview-pane views | as expected |
| | for device acquisition. | |
| | | |
| | | |

5.2.12 CFT-IMO-04 (Nokia 6101)

| Case | CFT-IMO-04 After a successful mobile device internal memory acquisition, | | |
|--------------|---|---|--|
| Summary: | alter the case file via third party means and attempt to re-open the | | |
| Assertions: | A_IMO-41 If modification is attempted to the case file or individual data | | |
| | elements via third-party | means then the tool shall provide protection | |
| | mechanisms disallowing or | r reporting data modification. | |
| | | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Fri Apr 25 11:59:36 EDT : | 2008 | |
| Device: | Nokia_6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| | 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 | | |
| | TIM Data | Maximum Length | |
| | | Regular Length | |
| | | | |
| | | Deleted Entry | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | | |
| | | Outgoing EMS Deleted | |
| | MMC Moggogo | Outgoing EMS - Deleted | |
| | MMS Messages | Incoming Audio | |
| | | 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 | |
| | | ATAGO - DETECCA | |
| | | | |
| | | | |

| Test Case CF1 | -IMO-04 Guidance Software Neutrino Version 1.4.14 | |
|---------------|---|---------------------|
| Highlights: | Acquisition started: Fri Apr 25 11:59:36 EDT 2008 | |
| | Acquisition finished: Fri Apr 25 12:05:17 EDT 2008 | |
| | Notification of modified case data was successful | |
| | Notes: | |
| | EnCase reports the following error when attempting to Error in <filename>: Invalid data checksum</filename> | modify a case file: |
| Results: | | |
| | Assertion & Expected Result | Actual Result |
| | A_IMO-41 Notification of modified device case data. | as expected |
| | | |
| Analysis: | Expected results achieved | |

5.2.13 CFT-IMO-10 (Nokia 6101)

| Test Case CFT- | -IMO-10 Guidance Software | Neutrino Version 1.4.14 |
|----------------|---|--|
| Case | CFT-IMO-10 Perform a star | nd-alone mobile device internal memory acquisition |
| Summary: | and review the status flags for text messages present on the SIM. | |
| Assertions: | A_IMO-38 If a cellular fo | prensic tool successfully completes acquisition of |
| | the target device then the | ne tool shall present the acquired data without |
| | modification via supporte | ed generated report formats. |
| | A IMO-39 If a cellular fo | prensic tool successfully completes acquisition of |
| | | ne tool shall present the acquired data without |
| | modification in a preview | |
| | | forensic tool supports stand-alone acquisition of |
| | | SIM present, then the contents of the SIM shall |
| | - | iternal memory acquisition. |
| | not be modified during in | recinar memory acquipreron. |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Fri Apr 25 12:16:58 EDT 2 | 2008 |
| | | 2008 |
| Device: | Nokia_6101 | |
| Source | OS: WIN XP | |
| Setup: | Interface: RJ45 | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | |
| | | Deleted Entry |
| | | Foreign Entry |
| | PIM Data | |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | * |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | - |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | |
| | | Incoming Video |
| | | Outgoing Audio |
| | | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | Audio - Deleted |
| | | |
| | | Image |
| | | Image - Deleted |
| | | Video |

| Test Case CFT | -IMO-10 Guidance Software Neutrino Version 1.4.14 | | |
|---------------|--|------------------|--|
| | Video - Deleted | | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Fri Apr 25 12:16:58 EDT 2008 | | |
| | Acquisition finished: Fri Apr 25 12:23:19 EDT 2008 | | |
| | Complete representation of known data via generated reports successful Complete representation of known data via preview-pane was Stand-alone acquisition without disrupting SIM data was not | not successful | |
| | Notes: When selecting "Acquire Logical Data" only, text messages present on the SIM whose status is "Unread" is modified to "Read" after the internal memory device logical Acquisition. | | |
| | "Acquire SIM Image" is NOT selected. | | |
| Results: | | | |
| | Assertion & Expected Result | Actual Result | |
| | A_IMO-38 Comparison of known device data elements via generated reports. | Partial | |
| | A_IMO-39 Comparison of known device data elements via preview-pane. | Partial | |
| | A_IMO-55 Stand-along acquisition without disrupting SIM | Not as | |
| | data. | expected | |
| | | | |
| Analysis: | Expected results not achieved | | |

5.2.14 CFT-IMO-11 (Nokia 6101)

| Test Case CFT- | -IMO-11 Guidance Software | Neutrino Version 1.4.14 | |
|----------------|--------------------------------|---|--|
| Case | | e device internal memory and review hash values for | |
| Summary: | vendor supported data objects. | | |
| Assertions: | A IMO-38 If a cellular fo | prensic tool successfully completes acquisition of | |
| | | ne tool shall present the acquired data without | |
| | - | ed generated report formats. | |
| | | prensic tool successfully completes acquisition of | |
| | | ne tool shall present the acquired data without | |
| | modification in a preview | | |
| | | | |
| | A_IMO-56 II the cellular | forensic tool supports hashing for individual data | |
| | | all present the user with a hash value for each | |
| | supported data object. | | |
| | | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Fri Apr 25 12:24:07 EDT 2 | 2008 | |
| Device: | Nokia_6101 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: RJ45 | | |
| - | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | Hadress Book Entrics | Maximum Length | |
| | | | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | Maximum Length | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | - | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | outgoing beleted | |
| | Text Messages | Incoming CMC Dood | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | | |
| | | Outgoing EMS | |
| | | Outgoing EMS - Deleted | |
| | MMS Messages | | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | | | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | | |
| | | Video | |

| | Video - Deleted | |
|--------------------|--|---------------------------------|
| | | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Fri Apr 25 12:24:07 EDT 2008 Acquisition finished: Fri Apr 25 12:30:36 EDT 2008 Complete representation of known data via generated reports was successful Device hash reporting for individual acquired data elements was successful Notes: Contacts, Text Messages (SMS, EMS) Call Logs, Calendar entries and File System data objects hash values are reported via the GUI. | |
| | System data objects hash values are reported via the GUI. | |
| Results: | System data objects hash values are reported via the GUI. Assertion & Expected Result | Actual |
| Results: | | Actual |
| Results: | Assertion & Expected Result A_IMO-38 Comparison of known device data elements via | Actual Result |
| Results: | Assertion & Expected Result A_IMO-38 Comparison of known device data elements via generated reports. A_IMO-39 Comparison of known device data elements via | Actual Result as expected |

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

| Test Case CFT | -SIM-01 Guidance Software Neutrino Ve | ersion 1.4.14 | | |
|--|---|--------------------|------------------|--|
| Case | CFT-SIM-01 Acquire SIM over supporte | ed interfaces (e.g | ., PC/SC reader, | |
| Summary: | proprietary reader). | | | |
| Assertions: | A_SIM-23 If a cellular forensic 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: | Mon Apr 21 13:26:49 EDT 2008 | | | |
| Device: | TMOBILE SIM | | | |
| Source | OS: WIN XP | | | |
| Setup: | Interface: USB | | | |
| <u>-</u> | 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 | Foreign | |
| | | Incoming SMS - I | Deleted | |
| | | Incoming SMS - U | Jnread | |
| | | Incoming Foreign | n EMS - Read | |
| | | Incoming EMS - I | Deleted | |
| T | | | | |
| Log Hiqhliqhts: | Created By Neutrino Version 1.4.14 | | | |
| internet and the second s | Acquisition started: Mon Apr 21 13:26:49 EDT 2008 Acquisition finished: Mon Apr 21 13:27:22 EDT 2008 | | | |
| | Acquisición linisned. Mon Api 21 13.27.22 EDI 2008 | | | |
| | Media connectivity was established v | via supported inte | rface | |
| Results: | Assertion & Expected Result | | Actual Result | |
| | A_SIM-23 SIM connectivity via supp | orted interfaces | as expected | |
| | A_DIM-25 SIM CONNECCIVITY VIA Supp | orted interfaces. | us expected | |
| Analysis: | Expected results achieved | | | |
| ÷ | | | | |

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

| Test Case CFT | -SIM-02 Guidance Software Neutrino Ve | rsion 1.4.14 | | | |
|---------------|--|---------------------------------|---|--|--|
| Case | CFT-SIM-02 Attempt acquisition of a | | | | |
| Summary: | of I bin of modempe adjustion of a non papported sind | | | | |
| Assertions: | A_SIM-24 If a cellular forensic tool SIM then the tool shall have the abs supported. | | | | |
| Tester Name: | rpa | | | | |
| Test Host: | Morrisy | | | | |
| Test Date: | Mon Apr 21 13:29:19 EDT 2008 | | | | |
| Device: | TMOBILE_SIM | | | | |
| Source | OS: WIN XP | | | | |
| Setup: | Interface: USB | | | | |
| | DATA OBJECTS | DATA ELEMENTS | 7 | | |
| | Abbreviated Dialing Numbers (ADN) | | 7 | | |
| | | Maximum Length | 7 | | |
| | | Special Character | - | | |
| | | Blank Name | 1 | | |
| | | Regular Length - Deleted Number | - | | |
| | | Foreign Entry | - | | |
| | Call Logs | | - | | |
| | | Last Numbers Dialed (LND) | - | | |
| | Text Messages | | - | | |
| | | Incoming SMS - Read | - | | |
| | | Incoming SMS - Foreign | - | | |
| | | Incoming SMS - Deleted | - | | |
| | | Incoming SMS - Unread | - | | |
| | | Incoming Foreign EMS - Read | - | | |
| | | Incoming EMS - Deleted | - | | |
| | | incoming hab bereed | | | |
| | | | | | |
| Log | Created By Neutrino Version 1.4.14 | 20.10 777 0000 | | | |
| Highlights: | Acquisition started: Mon Apr 21 13: | 7A:TA EDJ. 5008 | | | |
| | Identification of non-supported med | la was successful | | | |
| Results: | | | | | |
| | Assertion & Expected Result | Actual Result | | | |
| | A_SIM-24 Identification of non-sup | ported SIMs. as expected | | | |
| Analysis: | Expected results achieved | | | | |
| | | | | | |

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

| Teet Case CTT | -SIM-03 Guidance Software Neutrino Ver | sion 1 4 14 | |
|---------------|---|--------------------|----------------------|
| Case | | | ivity by interface |
| Summary: | CFT-SIM-03 Begin SIM acquisition and interrupt connectivity by interface disengagement. | | |
| Assertions: | A_SIM-23 If a cellular forensic tool provides support for connectivity of | | |
| Assertions. | the target SIM then the tool shall su | | |
| | via all vendor supported interfaces (| | - |
| | reader). | e.g., PC/SC leade | I, proprietary |
| | A_SIM-25 If a cellular forensic tool | encounters disens | agement between the |
| | SIM reader and application then the a | - | - |
| | connectivity has been disrupted. | appricación bharr | notity the user that |
| | conneccivity has been distupted. | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Mon Apr 21 13:31:10 EDT 2008 | | |
| Device: | TMOBILE_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| ····· | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | Maximum Length | |
| | | Special Character | <u></u> |
| | | Blank Name | |
| | | Regular Length - | Deleted Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dial | led (LND) |
| | Text Messages | | |
| | | Incoming SMS - Re | ead |
| | | Incoming SMS - Fo | |
| | | Incoming SMS - De | |
| | | Incoming SMS - Ur | |
| | | Incoming Foreign | |
| | | Incoming EMS - De | |
| | | | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Mon Apr 21 13:31 | | |
| | Acquisition finished: Mon Apr 21 13:3 | 3:12 EDT 2008 | |
| | | | - |
| | Media connectivity was established via supported interface | | |
| | Media acquisition disruption notifica | ation was successf | ul |
| Demalter | | | |
| Results: | Aggertion & Exposted Desult | | Actual Regult |
| | Assertion & Expected Result | tod into-force | Actual Result |
| | A_SIM-23 SIM connectivity via suppor | | as expected |
| | A_SIM-25 Notification of SIM acquisi | LLION AISTUPTION. | as expected |
| | | | |
| Applugist | Empated wegulta estimate | | |
| Analysis: | Expected results achieved | | |

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

| Test Case (FT | -SIM-04 Guidance Software Neutrino Ve | prsion 1.4.14 | | |
|---------------|---------------------------------------|--------------------------|-----------------|--|
| Case | CFT-SIM-04 Attempt acquisition on a | | | |
| Summary: | | | | |
| Assertions: | A_SIM-23 If a cellular forensic tool | l provides support for c | onnectivity of | |
| | the target SIM then the tool shall s | | - | |
| | via all vendor supported interfaces | | - | |
| | reader). | | | |
| | A_SIM-26 If the SIM is password-prot | tected then the cellular | forensic tool | |
| | shall provide the examiner with the | opportunity to input the | e PIN before | |
| | acquisition. | | | |
| | | | | |
| Tester Name: | rpa | | | |
| Test Host: | Morrisy | | | |
| Test Date: | Mon Apr 21 13:34:27 EDT 2008 | | | |
| Device: | TMOBILE_SIM | | | |
| Source | OS: WIN XP | | | |
| Setup: | Interface: USB | | | |
| | DATA OBJECTS | DATA ELEMENTS | | |
| | Abbreviated Dialing Numbers (ADN) | Morrimum Longth | | |
| | | Maximum Length | | |
| | | Special Character | | |
| | | Blank Name | a di Ataunha an | |
| | | Regular Length - Delet | ed Number | |
| | | Foreign Entry | | |
| | Call Logs | Last Numbers Dialed (I | | |
| | Text Messages | Last Numbers Diated (1 | | |
| | Text Messages | Incoming SMS - Read | | |
| | | Incoming SMS - Foreign | 1 | |
| | | Incoming SMS - Poleign | | |
| | | Incoming SMS - Unread | | |
| | | Incoming Foreign EMS - | Read | |
| | | Incoming EMS - Deleted | | |
| | | 1 | | |
| | | | | |
| | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Mon Apr 21 13:3 | 34:27 EDT 2008 | | |
| | Acquisition finished: Mon Apr 21 13 | :38:48 EDT 2008 | | |
| | | | | |
| | Media connectivity was established w | | | |
| | Ability to enter PIN on protected me | edia before acquisition | was successful | |
| Results: | | | | |
| NCBUILD. | Assertion & Expected Result | | Actual | |
| | | | Result | |
| | A_SIM-23 SIM connectivity via supp | orted interfaces | as expected | |
| | A_SIM-26 Password entry before acqu | | as expected | |
| | SIMs. | arsieron for protected | us expected | |
| | | | 1 | |
| | | | | |
| | Expected results achieved | | | |

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

| Test Case CFT | -SIM-05 Guidance Software Neutrino Ve | rsion 1.4.14 | | |
|---------------|--|--|---------------|--|
| Case | CFT-SIM-05 Acquire SIM internal memo | ory and review reported da | ita via the | |
| Summary: | preview-pane or generated reports for readability. | | | |
| Assertions: | A_SIM-23 If a cellular forensic tool | A SIM-23 If a cellular forensic tool provides support for connectivity of | | |
| | the target SIM then the tool shall s | successfully recognize the | e target SIM | |
| | via all vendor supported interfaces | (e.g., PC/SC reader, prop | rietary | |
| | reader). | | | |
| | A_SIM-27 If a cellular forensic tool | successfully completes a | cquisition of | |
| | the target SIM then the tool shall h | | - | |
| | data in a human-readable format via | either preview-pane or ge | enerated | |
| | report. | | | |
| Tester Name: | rpa | | | |
| Fest Host: | Morrisy | | | |
| Test Date: | Mon Apr 21 13:50:02 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 | | | |
| | | Last Numbers Dialed (LN | D) | |
| | Text Messages | | - , | |
| | | Incoming SMS - Read | | |
| | | Incoming SMS - Foreign | | |
| | | Incoming SMS - Deleted | | |
| | | Incoming SMS - Unread | | |
| | | Incoming Foreign EMS - I | Read | |
| | | Incoming EMS - Deleted | licuu | |
| | | Incoming EMD Derected | | |
| | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Mon Apr 21 13:5 | 0:02 EDT 2008 | | |
| | Acquisition finished: Mon Apr 21 14: | 10:50 EDT 2008 | | |
| | | | | |
| | Media connectivity was established v | | | |
| | Readability and completeness of acquired data was successful | | | |
| Results: | | | | |
| | Assertion & Expected Result | | Actual | |
| | _ | | Result | |
| | A_SIM-23 SIM connectivity via suppo | orted interfaces. | as expected | |
| | A_SIM-27 Readability and completene | | as expected | |
| | supported reports. | in the second se | | |
| | | | | |
| Analysis: | Expected results achieved | | | |
| | TUPCCICA TCDATCD GOUTEVER | | | |

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

| | -SIM-06 Guidance Software Neutrino Vers | | | |
|--------------|--|---------------------------|----------------|--|
| Case | CFT-SIM-06 Acquire SIM internal memory | | | |
| Summary: | equipment related information (i.e., S | | | |
| 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 s | | - | |
| | the target SIM then the tool shall hav | | - | |
| | data in a human-readable format via ei | ther preview-pane or ge | enerated | |
| | report. | | | |
| | A_SIM-29 If a cellular forensic tool s | | | |
| | the target SIM then the ICCID shall be | e presented in a human-r | eadable format | |
| | without modification. | | | |
| | A_SIM-30 If a cellular forensic tool s | | | |
| | the target SIM then the IMSI shall be without modification. | presenced in a numan-re | adable format | |
| | without modification. | | | |
| Tester Name: | rpa | | | |
| Test Host: | Morrisy | | | |
| Test Date: | Mon Apr 21 14:25:32 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 | 1 Number | |
| | | Foreign Entry | | |
| | | Foreign Enery | | |
| | Call Logs | Last Numbers Dialed (LNI | | |
| | | Last Mullipers Dialed (LM |) | |
| | Text Messages | In sominar GMG Dood | | |
| | | Incoming SMS - Read | | |
| | | Incoming SMS - Foreign | | |
| | | Incoming SMS - Deleted | | |
| | | Incoming SMS - Unread | 2 1 | |
| | | Incoming Foreign EMS - H | Read | |
| | · · · · | Incoming EMS - Deleted | | |
| | | | | |
| | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Mon Apr 21 14:25: | 32 EDT 2008 | | |
| | Acquisition finished: Mon Apr 21 14:28 | 3:36 EDT 2008 | | |
| | | | | |
| | Media connectivity was established via | | | |
| | Readability and completeness of acquir | red data was successful | | |
| | ICCID was acquired | | | |
| | IMSI was acquired | | | |
| | No. b. a. a. | | | |
| | Notes: | | | |
| | The following fields: ICCID and IMSI were present in the generated report, | | | |
| | but not found within the Graphical Use | er interlace. | | |
| Results: | | | | |
| NCBUILD. | Assertion & Expected Result | | Actual | |
| | Appertion & Expected Result | | | |
| | A GIM 00 GIM some stands and | ad interference | Result | |
| | A_SIM-23 SIM connectivity via support | | as expected | |
| | A_SIM-27 Readability and completeness | s of acquired data via | as expected | |
| | supported reports. | | - | |
| | A_SIM-29 Acquisition of ICCID. | | as expected | |
| | · | | | |
| | A_SIM-30 Acquisition of IMSI. | | as expected | |

| ſ | Test Case CFT | -SIM-06 Guidance Software Neutrino Version 1.4.14 |
|---|---------------|---|
| | Analysis: | Expected results achieved |

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

| | -SIM-07 Guidance Software Neutrino Ve | | | | |
|----------------------------|---|----------------------------|------------------------|--|--|
| Case | CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated | | | | |
| Summary: | Dialing Numbers (ADN). A_SIM-23 If a cellular forensic tool provides support for connectivity of | | | | |
| Assertions: | | | - | | |
| | the target SIM then the tool shall successfully recognize the target SIM | | | | |
| | via all vendor supported interfaces | (e.g., PC/SC reader, prop | prietary | | |
| | reader). | | | | |
| | A_SIM-27 If a cellular forensic tool | | | | |
| | the target SIM then the tool shall h | have the ability to preser | nt acquired | | |
| | data in a human-readable format via | either preview-pane or ge | enerated | | |
| | report. | | | | |
| | A_SIM-32 If a cellular forensic tool | | | | |
| | the target SIM then all Abbreviated | 5 | all be | | |
| | presented in a human-readable format | without modification. | | | |
| | | | | | |
| Tester Name: Test Host: | rpa Morrisy | | | | |
| | | | | | |
| Cest Date: | Mon Apr 21 14:34:45 EDT 2008 | | | | |
| Device: | TMOBILE_SIM | | | | |
| Source | OS: WIN XP | | | | |
| Setup: | Interface: USB | | | | |
| | DATA OBJECTS | DATA ELEMENTS | | | |
| | Abbreviated Dialing Numbers (ADN) | | | | |
| | | Maximum Length | | | |
| | | Special Character | | | |
| | | Blank Name | | | |
| | | Regular Length - Delete | d Number | | |
| | | Foreign Entry | | | |
| | Call Logs | | | | |
| | | Last Numbers Dialed (LN | D) | | |
| | Text Messages | | | | |
| | | Incoming SMS - Read | | | |
| | | Incoming SMS - Foreign | | | |
| | | Incoming SMS - Deleted | | | |
| | | Incoming SMS - Unread | | | |
| | | Incoming Foreign EMS - 1 | Read | | |
| | | Incoming EMS - Deleted | | | |
| | | | | | |
| | | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | | |
| Highlights: | Acquisition started: Mon Apr 21 14:34:45 EDT 2008 | | | | |
| | Acquisition finished: Mon Apr 21 14: | 43:58 EDT 2008 | | | |
| | Madia appropriate the set of 1 1 | | | | |
| | Media connectivity was established via supported interface | | | | |
| | Readability and completeness of acquired data was successful | | | | |
| | Regular length ADNs were acquired | | | | |
| | Maximum Length ADNs were not acquired | | | | |
| | Special Character ADNs were not acquired | | | | |
| | Blank Name ADNs were acquired | | | | |
| | Netos | | | | |
| | Notes: Maximum length ADNs (16 characters) | were not acquired or repo | orted | | |
| | Maximum length ADNs (16 characters) were not acquired or reported | | | | |
| | in either the GUI or generated report. | | | | |
| | Special character names (i.e., '@') were not displayed. | | | | |
| | | interation | | | |
| Results: | | | | | |
| | Assertion & Expected Result | | Actual | | |
| | | | Result | | |
| | A_SIM-23 SIM connectivity via suppo | orted interfaces. | as expected | | |
| | | | | | |
| | A_SIM-27 Readability and completene | ess of acquired data via | as expected | | |
| | A_SIM-27 Readability and completene supported reports. | ess of acquired data via | as expected | | |
| | | ess of acquired data via | as expected Partial | | |

| ſ | Test Case CFT | -SIM-07 Guida | ance Software | Neutrino Version | 1.4.14 |
|---|---------------|---------------|---------------|------------------|--------|
| | Analysis: | Partial resu | ults achieved | | |

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

| Togt Cage (ITT | -SIM-08 Guidance Software Neutrino Version 1.4.14 | | | | |
|----------------|---|----------------------------|--|--|--|
| Case | | | | | |
| | CFT-SIM-08 Acquire SIM internal memory and review reported Last Numbers Dialed (LND). | | | | |
| Summary: | A_SIM-23 If a cellular forensic tool provides support for connectivity of | | | | |
| Assertions: | | | | | |
| | the target SIM then the tool shall successfully | | | | |
| | via all vendor supported interfaces (e.g., PC/SC reader). | reader, proprietary | | | |
| | A_SIM-27 If a cellular forensic tool successfull | w completed addition of | | | |
| | the target SIM then the tool shall have the abil | | | | |
| | data in a human-readable format via either previ | | | | |
| | report. | ew pane of generated | | | |
| | A_SIM-33 If a cellular forensic tool successfull | v completes acquisition of | | | |
| | the target SIM then all Last Numbers Dialed (LNI | | | | |
| | human-readable format without modification. | · _ | | | |
| | | | | | |
| Tester Name: | rpa | | | | |
| Test Host: | Morrisy | | | | |
| Test Date: | Mon Apr 21 14:52:24 EDT 2008 | | | | |
| Device: | TMOBILE_SIM | | | | |
| Source | OS: WIN XP | | | | |
| Setup: | Interface: USB | | | | |
| | DATA OBJECTS DATA ELE | MENTS | | | |
| | Abbreviated Dialing Numbers (ADN) | | | | |
| | Maximum Le | ngth | | | |
| | Special Ch | aracter | | | |
| | Blank Name | | | | |
| | Regular Le | ngth - Deleted Number | | | |
| | Foreign En | try | | | |
| | Call Logs | | | | |
| | Last Number | rs Dialed (LND) | | | |
| | Text Messages | | | | |
| | Incoming S | MS - Read | | | |
| | Incoming S | MS - Foreign | | | |
| | Incoming S | MS - Deleted | | | |
| | Incoming S | MS - Unread | | | |
| | Incoming F | oreign EMS - Read | | | |
| | Incoming E | MS - Deleted | | | |
| | <u>.</u> | | | | |
| | | | | | |
| | | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | | |
| Highlights: | Acquisition started: Mon Apr 21 14:52:24 EDT 2008 | | | | |
| | Acquisition finished: Mon Apr 21 15:02:51 EDT 2008 | | | | |
| | | | | | |
| | Media connectivity was established via supported interface | | | | |
| | Readability and completeness of acquired data was successful LNDs were acquired | | | | |
| | LINDS WEIE acquired | | | | |
| Results: | | | | | |
| | Assertion & Expected Result | Actual | | | |
| | | Result | | | |
| | A_SIM-23 SIM connectivity via supported interfa | | | | |
| | A SIM-27 Readability and completeness of acquir | | | | |
| | supported reports. | | | | |
| | A_SIM-33 Acquisition of LNDs. | as expected | | | |
| | | | | | |
| | | | | | |
| Analysis: | Expected results achieved | | | | |

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

| | -SIM-09 Guidance Software Neutrino Ve | | wt moggogog | | |
|--------------|--|---------------------------|-------------------------|--|--|
| Case | CFT-SIM-09 Acquire SIM internal memo | ry and review reported to | ext messages | | |
| Summary: | (i.e., SMS, EMS). | | | | |
| Assertions: | A_SIM-23 If a cellular forensic tool provides support for connectivity of | | | | |
| | the target SIM then the tool shall successfully recognize the target SIM | | | | |
| | via all vendor supported interfaces (e.g., PC/SC reader, proprietary | | | | |
| | reader). | | | | |
| | A_SIM-27 If a cellular forensic tool | successfully completes a | acquisition of | | |
| | the target SIM then the tool shall h | | | | |
| | data in a human-readable format via | either preview-pane or ge | enerated | | |
| | report. | | | | |
| | A_SIM-34 If a cellular forensic tool | successfully completes A | Acquisition of | | |
| | the target SIM then all SMS text mes | sages shall be presented | in a human- | | |
| | readable format without modification | | | | |
| | A_SIM-35 If a cellular forensic tool | successfully completes A | Acquisition of | | |
| | the target SIM then all EMS text mes | sages shall be presented | in a human- | | |
| | readable format without modification | • | | | |
| | | | | | |
| Tester Name: | rpa | | | | |
| Test Host: | Morrisy | | | | |
| Test Date: | Tue Apr 22 09:59:38 EDT 2008 | | | | |
| | - | | | | |
| Device: | TMOBILE_SIM | | | | |
| Source | OS: WIN XP | | | | |
| Setup: | Interface: USB | | | | |
| | DATA OBJECTS | DATA ELEMENTS | | | |
| | Abbreviated Dialing Numbers (ADN) | | | | |
| | | Maximum Length | | | |
| | | Special Character | | | |
| | | Blank Name | | | |
| | | Regular Length - Delete | d Number | | |
| | | Foreign Entry | | | |
| | | Foreign Entry | | | |
| | Call Logs | | -) | | |
| | | Last Numbers Dialed (LN | D) | | |
| | Text Messages | | | | |
| | | Incoming SMS - Read | | | |
| | | Incoming SMS - Foreign | | | |
| | | Incoming SMS - Deleted | | | |
| | | Incoming SMS - Unread | | | |
| | | Incoming Foreign EMS - | Read | | |
| | | Incoming EMS - Deleted | Itolad | | |
| | | Incoming EMS - Dereced | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | | |
| Highlights: | Acquisition started: Tue Apr 22 09:5 | | | | |
| | Acquisition finished: Tue Apr 22 10: | 12:46 EDT 2008 | | | |
| | | | | | |
| | Media connectivity was established v | ia supported interface | | | |
| | Readability and completeness of acqu | | | | |
| | ALL text messages (SMS, EMS) were ac | | | | |
| | J (= -, -, | - | | | |
| | Notes: | | | | |
| | Status flags for text messages are o | nly displayed for deleted | l text | | |
| | messages. | , alprayed for defected | | | |
| | Read and unread status for text mess | ages are not presented wi | thin the | | |
| | | ages are not presented wi | | | |
| | GUI or generated report. | | | | |
| | | | | | |
| Results: | <u> </u> | | | | |
| | Assertion & Expected Result | | Actual | | |
| | | | Result | | |
| | A_SIM-23 SIM connectivity via suppo | orted interfaces. | as expected | | |
| | A_SIM-27 Readability and completene | | as expected | | |
| | supported reports. | | | | |
| | | | | | |
| | | g | as evpented | | |
| | A_SIM-34 Acquisition of SMS message A_SIM-35 Acquisition of EMS message | s. | as expected as expected | | |

| Test Case CFT | -SIM-09 Guidance Software Neutrino Version 1.4.14 |
|---------------|---|
| | |
| Analysis: | Expected results achieved |

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

| Test Case CF | I-SIMO-01 Guidance Software Neutrino N | Version 1.4.14 | |
|--------------|---|---------------------------|------------------|
| Case | CFT-SIMO-01 Acquire SIM internal mer | mory and review acquired | data via |
| Summary: | suported generated report formats. | | |
| Assertions: | A_SIMO-58 If a cellular forensic too | ol successfully completes | acquisition of |
| | the target media (i.e., SIM) then the | | |
| | in a human-readable format without m | modification via supporte | d generated |
| | report formats. | | |
| | | | |
| Tester | rpa | | |
| Name: | | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 10:42:47 EDT 2008 | | |
| Device: | TMOBILE_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | Maximum Length | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length - Delete | ed Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dialed (LM | ND) |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreign | |
| | | Incoming SMS - Deleted | |
| | | Incoming SMS - Unread | |
| | | Incoming Foreign EMS - | Read |
| | | Incoming EMS - Deleted | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Tue Apr 22 10:4 Acquisition finished: Tue Apr 22 10 | | |
| | Complete representation of known dat | ta via generated reports | was successful |
| Results: | | | |
| | Assertion & Expected Result | | Actual Result |
| | A_SIMO-58 Comparison of known SIM generated reports. | data elements via | as expected |
| Analysis: | Expected results achieved | | |

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

| Test Case CFT | -SIMO-02 Guidance Software Neutrino V | Version 1.4.14 | |
|---------------|---------------------------------------|---|------------------|
| Case | CFT-SIMO-02 Acquire SIM internal mer | mory and review acquired | data via the |
| Summary: | preview-pane. | | |
| Assertions: | A_SIMO-59 If a cellular forensic too | ol successfully completes | s acquisition of |
| | the target media (i.e., SIM) then the | he tool shall present the | e acquired data |
| | in a human-readable format without r | modification via supporte | ed generated |
| | report formats. | | |
| Tester | rpa | | |
| Name: | | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 10:59:49 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 | 1 |
| | | Regular Length - Delet | ed Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | Tout Magaagag | Last Numbers Dialed (L | ND) |
| | Text Messages | Incoming CMC Dood | |
| | | Incoming SMS - Read Incoming SMS - Foreign | |
| | | Incoming SMS - Poleigh | |
| | | Incoming SMS - Deleted | |
| | | Incoming Foreign EMS - | Pood |
| | | Incoming EMS - Deleted | |
| | | Incoming and Dereted | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Tue Apr 22 10:5 | | |
| | Acquisition finished: Tue Apr 22 11 | :12:04 EDT 2008 | |
| | Complete representation of known dat | ta via preview-pane was s | successful |
| | | | Juoooppiui |
| Results: | | | |
| | Assertion & Expected Result | | Actual Result |
| | A_SIMO-59 Comparison of known SIM of | data elements via | as expected |
| | preview-pane. | uata elements via | as expected |
| | | | |
| Analysis: | Expected results achieved | | |

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

| Test Case CFT | -SIMO-03 Guidance Software Neutrino | Version 1.4.14 | |
|--------------------|---|--|--|
| Case | CFT-SIMO-03 Acquire SIM internal me | mory and compare acquired | data via the |
| Summary: | preview-pane and supported generate | | |
| Assertions: | A_SIMO-58 If a cellular forensic to the target media (i.e., SIM) then the in a human-readable format without report formats. A_SIMO-59 If a cellular forensic to the target media (i.e., SIM) then the | he tool shall present the modification via supported ol successfully completes | acquired data d generated acquisition of |
| | in a human-readable format without | modification via supported | d generated |
| | report formats. A_SIMO-60 If a cellular forensic to generated report of the acquired da consistency of all reported data el | ta then the reports shall | |
| Tester | rpa | | |
| Name: | | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 12:25:57 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 | 1 1 |
| | | 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 | D 1 |
| | | Incoming Foreign EMS - | Read |
| | | Incoming EMS - Deleted | |
| | | | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Tue Apr 22 12: Acquisition finished: Tue Apr 22 12 | | |
| | Complete representation of known da Complete representation of known da | | |
| Results: | Assertion & Expected Result | | Actual Result |
| | A_SIMO-58 Comparison of known SIM generated reports. | | as expected |
| | A_SIMO-59 Comparison of known SIM preview-pane. | | as expected |
| | A_SIMO-60 Compare generated report for SIM acquisition. | s and preview-pane views | as expected |
| Analysis: | Expected results achieved | | |
| | | | |

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

| Test Case CF1 | I-SIMO-04 Guidance Software Neutrino V | Version 1.4.14 |
|---------------|---|---|
| Case | CFT-SIMO-04 After a successful SIM | internal memory Acquisition, aflter the |
| Summary: | case file via third party means and | attempt to re-open the case. |
| Assertions: | | ted to the case file or individual data |
| | elements via third-party means then | the tool shall provide protection |
| | mechanisms disallowing or reporting | data modification. |
| | | |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Tue Apr 22 12:43:20 EDT 2008 | |
| Device: | TMOBILE_SIM | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Abbreviated Dialing Numbers (ADN) | |
| | | Maximum Length |
| | | Special Character |
| | | Blank Name |
| | | Regular Length - Deleted Number |
| | | Foreign Entry |
| | Call Logs | |
| | | Last Numbers Dialed (LND) |
| | Text Messages | |
| | Text Messages | Incoming SMS - Read |
| | | Incoming SMS - Foreign |
| | | Incoming SMS - Deleted |
| | | Incoming SMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Incoming EMS - Deleted |
| | | |
| Log | Created By Neutrino Version 1.4.14 | |
| Highlights: | Acquisition started: Tue Apr 22 12: | |
| | Acquisition finished: Tue Apr 22 12 | |
| | Notification of modified case data | was successful |
| | | |
| | Notes: | |
| | | when attempting to modify a case file: |
| | Error in <filename>: Invalid data cl</filename> | hecksum |
| Results: | | |
| | Assertion & Expected Result | Actual Result |
| | A SIMO-61 Notification of modifed | |
| | | |
| Ame land at | Demostral consultant shirts and | |
| Analysis: | Expected results achieved | |

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

| | -SIMO-05 Guidance Software Neutrino V | | |
|---|--|---|------------------------------------|
| Case | CFT-SIMO-05 Acquire SIM internal men | mory and review reports | for recoverable |
| Summary: | deleted data. | | |
| 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 | | |
| | A_SIMO-59 II a certurar forensic cod the target media (i.e., SIM) then th in a human-readable format without a report formats. A_SIMO-62 If the cellular forensic for | he tool shall present the modification via support | he acquired data ted generated |
| | of the target SIM and recoverable do shall present recoverable deleted da modification. A_SIMO-63 If the cellular forensic of the target SIM and recoverable do | ata in a human-readable tool successfully comple | format without etes acquisition |
| | shall present recoverable deleted da modification. | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 12:57:39 EDT 2008 | | |
| Device: | TMOBILE_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | 1 |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | Maximum Length | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length - Dele | eted Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dialed (| LND) |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreig | |
| | | Incoming SMS - Delete | |
| | | Incoming SMS - Unread | |
| | | Incoming Foreign EMS | |
| | | Incoming EMS - Delete | ed |
| Log Highlights: | Created By Neutrino Version 1.4.14 | 57.20 EDT 2000 | |
| HIGHLIGHUS. | Acquisition started: Tue Apr 22 12: Acquisition finished: Tue Apr 22 13 | :10:23 EDT 2008 | |
| Complete representation of known data via generated reports Complete representation of known data via preview-pane was Deleted SMS data was recovered Deleted EMS data was recovered | | | |
| | | | |
| Results: | | | |
| Results: | Assertion & Expected Result | | Actual Result |
| Results: | A_SIMO-58 Comparison of known SIM | data elements via | |
| Results: | _ | | Result |
| Results: | A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM preview-pane. | data elements via | Result as expected |
| Results: | A_SIMO-58 Comparison of known SIM generated reports. A_SIMO-59 Comparison of known SIM | data elements via messages. | Result as expected |

| 1 | Test Case CFT | -SIMO-05 Guidance Software Neutrino Version 1.4.14 |
|---|---------------|--|
| | Analysis: | Expected results achieved |

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

| Test Case CF1 | -SIMO-08 Guidance Software Neutrino V | Version 1.4.14 | |
|------------------|--|--|---------------------|
| Case Summary: | CFT-SIMO-08 Begin acquisition on a H tool provides an accurate count of t if the PIN attempts are decremented | the remaining number | of PIN attempts and |
| Assertions: | A_SIMO-67 If a cellular forensic too remaining number of authentication a provide an accurate count of the rem | ol provides the exami attempts then the app | ner with the |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 14:12:28 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 | leted Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dialed | l (LND) |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Fore | - |
| | | Incoming SMS - Dele | eted |
| | | Incoming SMS - Unre | ad |
| | | Incoming Foreign EM | IS – Read |
| | | Incoming EMS - Dele | eted |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Tue Apr 22 14: | | |
| | Acquisition finished: Tue Apr 22 14 | :25:40 EDT 2008 | |
| | Remaining number of PIN attempts pro | operly displayed was | successful |
| Results: | | | |
| | Assertion & Expected Result | 6 | Actual Result |
| | A_SIMO-67 Display of remaining num | ber of PIN attempts. | as expected |
| Analysis: | Expected results achieved | | |

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

| Test Case CF1 | | rsion 1.4.14 | |
|---------------|--|-----------------------|---------------|
| Case | CFT-SIMO-09 Begin acquisition on a SI | | s 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 examin | ner with the |
| | remaining number of PUK attempts then | | |
| | accurate count of the remaining PUK a | | - |
| | _ | - | |
| Tester | rpa | | |
| Name: | | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 14:26:19 EDT 2008 | | |
| Device: | TMOBILE_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | Maximum Length | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length - De | eleted Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dialed | (LND) |
| | Text Messages | | |
| | | Incoming SMS - Read | l |
| | | Incoming SMS - Fore | eign |
| | | Incoming SMS - Dele | eted |
| | | Incoming SMS - Unre | ad |
| | | Incoming Foreign EM | IS - Read |
| | | Incoming EMS - Dele | eted |
| | | | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Tue Apr 22 14:26 | | |
| | Acquisition finished: Tue Apr 22 14:35:58 EDT 2008 | | |
| | | | |
| | Remaining number of PUK attempts prop | perly displayed was a | successful |
| Deaultet | | | |
| Results: | Aggention & Eurogted Degult | | Actual Decult |
| | Assertion & Expected Result | of DIW of the sector | Actual Result |
| | A_SIMO-68 Display of remaining number | er of PUK attempts. | as expected |
| | | | |
| Appludici | Exported regults achieved | | |
| Analysis: | Expected results achieved | | |

5.2.31 CFT-SIMO-10 (T-Mobile SIM)

| Test Case CFI | -SIMO-10 Guidance Software Neutrino V | Version 1.4.14 | |
|---------------|--|--|----------------|
| Case | CFT-SIMO-10 Acquire SIM internal me | | es for vendor |
| Summary: | supported data objects. | | |
| 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 supporte | d generated |
| | report formats. | | |
| | A_SIMO-59 If a cellular forensic to | | - |
| | the target media (i.e., SIM) then the | | |
| | in a human-readable format without report formats. | modification via supporte | a generaled |
| | A_SIMO-69 If the cellular forensic | tool supports bashing for | individual |
| | data objects then the tool shall pro- | | |
| | each supported data object. | | |
| | | | |
| Tester | rpa | | |
| Name: | | | |
| Test Host: | Morrisy | | |
| Test Date: | Tue Apr 22 14:36:58 EDT 2008 | | |
| Device: | TMOBILE_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | 1 |
| | 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 (L1 | ND) |
| | Text Messages | Tu namina CMC David | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreign | |
| | | Incoming SMS - Deleted Incoming SMS - Unread | |
| | | - | Dead |
| | | Incoming Foreign EMS - Incoming EMS - Deleted | Reau |
| | | Incoming EMS - Dereced | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Tue Apr 22 14: | | |
| | Acquisition finished: Tue Apr 22 14 | :45:47 EDT 2008 | |
| | | | |
| | Complete representation of known da | | |
| | Complete representation of known da | | |
| | Device hash reporting for individua | I acquired data elements | was successiul |
| | Notes: | | |
| | Contacts (ADNs), Test Messages (SMS | EMS) and Call Logs (LND |) hash |
| | values are reported via the GUI. | , hild, and carr hogs (hild |) 114511 |
| | | | |
| 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-69 SIM hash reporting for i | ndividual acquired data | as expected |
| | objects. | | |
| | | | |
| ··· · · · | | | |
| Analysis: | Expected results achieved | | |

5.2.32 CFT-IM-01 (Motorola RAZR V3)

| Case | -IM-01 Guidance Software N | | |
|--------------------|--|---|--|
| Summary: | CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA). | | |
| Assertions: | | | |
| ABBCICIOND | | ne tool shall successfully recognize the target | |
| | | pported interfaces (e.g., cable, Bluetooth, IrDA). | |
| | | , portea interrates (e.g., easie, sraceteen, rish). | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Thu Apr 24 07:12:04 EDT 2008 | | |
| Device: | Motorola RAZR V3 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | roreran mucry | |
| | I In Data | Maximum Length | |
| | | Regular Length | |
| | | 5 5 | |
| | | 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 Message | ourdornd Fub - Dereced | |
| | MMS Messages | Incoming Audio | |
| | 1 | Incoming Audio | |
| | ↓ | Incoming Image | |
| | ı | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |
| | | Video - Deleted | |
| | | AIRCO - DETECER | |
| | 1 | | |
| | i de la constante de | | |
| | 1 | | |
| 1.07 | Greated By Neutrine View | on 1 4 14 | |
| Log Highlights: | Created By Neutrino Versi | ion 1.4.14 Apr 24 07:12:04 EDT 2008 | |

| | Device connectivity was established via supported interface | |
|-----------|---|---------------|
| Results: | | |
| | Assertion & Expected Result | Actual Result |
| | A_IM-01 Device connectivity via supported interfaces. | as expected |
| | | |
| Analysis: | Expected results achieved | |

5.2.33 CFT-IM-02 (Motorola RAZR V3)

| | -IM-02 Guidance Software | |
|-----------------------|---|---|
| Case | - | nal memory acquisition of a non-supported mobile |
| Summary: | device. | |
| Assertions: | | prensic tool attempts to connect to a non-supported |
| | | all have the ability to identify that the device is |
| | not supported. | |
| lester Nemet | | |
| Cester Name: | rpa | |
| Test Host: | Morrisy | 2009 |
| Test Date: Device: | Thu Apr 24 08:09:41 EDT non-supported mobile dev | |
| Source | OS: WIN XP | /166 |
| Setup: | Interface: USB | |
| ecup. | DATA OBJECTS | DATA ELEMENTS |
| | | DATA ELEMENTS |
| | Address Book Entries | Marriana Tanaka |
| | | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | Foreign Entry |
| | PIM Data | Marshaum Tarachle |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | Incoming Video |
| | | Outgoing Audio |
| | | |
| | | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | Audio - Deleted |
| | | Image |
| | | Image - Deleted |
| | | Video |
| | | Video - Deleted |
| | | |
| | | |
| | | |

| Test Case CFT | -IM-02 Guidance Software Neutrino Version 1.4.14 | | |
|---------------|--|---------------|--|
| Highlights: | Acquisition started: Thu Apr 24 08:09:41 EDT 2008 | | |
| | Acquisition finished: Thu Apr 24 08:11:03 EDT 2008 | | |
| | Identification of non-supported devices was succes | sful | |
| Results: | | | |
| | Assertion & Expected Result | Actual Result | |
| | A_IM-02 Identification of non-supported devices. | as expected | |
| | | | |
| Analysis: | Expected results achieved | | |

5.2.34 CFT-IM-04 (Motorola RAZR V3)

| Test Case CFT- | IM-04 Guidance Software N | Neutrino Version 1.4.14 |
|----------------|---------------------------|--|
| | | device internal memory and review reported data |
| | - | generated reports for readability. |
| | | rensic tool provides support for connectivity of |
| | | ne tool shall successfully recognize the target |
| | | oported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | rensic tool successfully completes acquisition of |
| | | ne tool shall have the ability to present acquired |
| | | -readable format via either a preview-pane or |
| | generated report. | readable format via cremer a proview pane or |
| | joneracea report. | |
| Tester | rpa | |
| Name: | | |
| | Morrisy | |
| | Thu Apr 24 08:20:06 EDT 2 | 2008 |
| | Motorola_RAZR_V3 | |
| | OS: WIN XP | |
| Setup: | Interface: USB | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | Address book Entries | Maximum Length |
| | | Regular Length, email, picture |
| | | |
| | <u> </u> | Special Character |
| | ļ | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | Foreign Entry |
| | PIM Data | |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | Special character |
| | Call Logs | Miggod |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | <u> </u> | |
| | | Incoming EMS - Read |
| | ļ | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | Incoming Video |
| | | Outgoing Audio |
| | | |
| | <u> </u> | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | Audio - Deleted |
| | | Image |
| | | Image - Deleted |
| | | Video |
| | | Video - Deleted |
| | | ATACO - DETECER |

| Test Case CF1 | T-IM-04 Guidance Software Neutrino Version 1.4.14 | |
|--------------------|--|------------------|
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 08:20:06 EDT 2008 Acquisition finished: Thu Apr 24 08:21:13 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 | |

5.2.35 CFT-IM-05 (Motorola RAZR V3)

| Test Case CFT | -IM-05 Guidance Software | Neutrino Version 1.4.14 |
|---------------|--------------------------|---|
| Case | CFT-IM-05 Acquire mobile | e device internal memory and review reported |
| Summary: | subscriber and equipment | related information (i.e., IMEI, MSISDN). |
| Assertions: | A_IM-01 If a cellular fo | prensic tool provides support for connectivity of |
| | the target device then t | the tool shall successfully recognize the target |
| | | upported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | prensic tool successfully completes acquisition of |
| | | the tool shall have the ability to present acquired |
| | | n-readable format via either a preview-pane or |
| | | r-readable format via ercher a preview-pane or |
| | generated report. | |
| | | prensic tool successfully completes acquisition of |
| | | equipment related information shall be presented in |
| | a human-readable format | without modification. |
| | | |
| Tester | rpa | |
| Name: | | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 08:21:56 EDT | 2008 |
| Device: | Motorola_RAZR_V3 | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| Decupi | DATA OBJECTS | DATA ELEMENTS |
| | | DATA ELEMENTS |
| | Address Book Entries | |
| | | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | |
| | | Foreign Entry |
| | PIM Data | |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | |
| | Call Dogs | Minned |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | Tene neobugeb | Incoming CMC - Road |
| | | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | |
| | | Incoming Video |
| | | Outgoing Audio |
| | | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | Scand atome data illes | Audio |
| | | |
| | 11 | Audio - Deleted |
| | | Image |

| | Image - Deleted | |
|--------------------|---|------------------|
| | Video | |
| | Video - Deleted | |
| | | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 08:21:56 EDT 2008 | |
| HIGHLIGHLS. | Acquisition finished: Thu Apr 24 08:21:56 EDI 2008 | |
| | | |
| | Device connectivity was established via supported interface Readability and completeness of acquired data was successful | |
| Results: | Readability and completeness of acquired data was successful | |
| Results: | | Actual Result |
| Results: | Readability and completeness of acquired data was successful | Actual |
| Results: | Readability and completeness of acquired data was successful Assertion & Expected Result | Actual Result |

5.2.36 CFT-IM-06 (Motorola RAZR V3)

| Test Case CF | T-IM-06 Guidance Software | |
|--|---|--|
| Case | | e device internal memory and review reported PIM |
| Summary: | related data. | a action incomman memory and retreat reported in |
| Assertions: | | orensic tool provides support for connectivity of |
| 1000101010 | | the tool shall successfully recognize the target |
| | - | upported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | orensic tool successfully completes acquisition of |
| | the target device then | 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-07 If a cellular f | orensic tool successfully completes acquisition of |
| | the target device then a | all known address book entries shall be presented in |
| | a human-readable format | without modification. |
| | A_IM-08 If a cellular f | orensic tool successfully completes acquisition of |
| | - | all known maximum length address book entries shall |
| | - | -readable format without modification. |
| | | orensic tool successfully completes acquisition of |
| | _ | all known address book entries containing special |
| | | sented in a human-readable format without |
| | modification. | |
| | | orensic tool successfully completes acquisition of all known address book entries containing blank |
| | - | d in a human-readable format without modification. |
| | _ | orensic tool successfully completes acquisition of |
| | _ | all known email addresses associated with address |
| | - | resented in a human-readable format without |
| | modification. | reserved in a namen readable format wrenout |
| | | orensic 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 f | orensic tool successfully completes acquisition of |
| | | orensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be |
| | the target device then a | |
| | the target device then a presented in a human-rea | all known datebook, calendar, note entries shall be |
| | the target device then a presented in a human-rea A_IM-14 If a cellular for | all known datebook, calendar, note entries shall be adable format without modification. |
| | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of |
| | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries |
| Tester | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries |
| Name: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries |
| Name: Test Host: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 Maximum Length Regular Length, email, picture Special Character Blank Name |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS | All known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |
| Name: Test Host: Test Date: Device: Source | the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Apr 24 08:25:43 EDT Motorola_RAZR_V3 OS: WIN XP Interface: USB DATA OBJECTS Address Book Entries Address Book Entries | all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2008 2008 2008 2008 2008 2008 2008 200 |

| | I-IM-06 Guidance Software Neutrino Version 1 | |
|--|--|--|
| | Incoming SMS - H | |
| | Incoming SMS - U | |
| | Incoming SMS - I | Deleted |
| | Outgoing SMS | |
| | Outgoing SMS - I | Deleted |
| | Incoming EMS - H | Read |
| | Incoming EMS - U | Jnread |
| | Incoming Foreign | |
| | Incoming EMS - I | Deleted |
| | Outgoing EMS | |
| | Outgoing EMS - I | Deleted |
| | MMS Messages | |
| | Incoming Audio | |
| | Incoming Image | |
| | Incoming Video | |
| | Outgoing Audio | |
| | Outgoing Addio Outgoing Image | |
| | Outgoing Image Outgoing Video | |
| | Stand-alone data files | |
| | | |
| | Audio | |
| | Audio - Deleted | |
| | Image | |
| | Image - Deleted | |
| | Video | |
| | Video - Deleted | |
| · 00111 - 10 | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 08:25:43 E | |
| ighlights: | - | EDT 2008 pported interface ata was successful |
| esults: | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully | EDT 2008 pported interface ata was successful |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a | EDT 2008 pported interface ata was successful r acquired Actual Result l interfaces. as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. | EDT 2008 pported interface ata was successful r acquired Actual Result d interfaces. as expected as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri | EDT 2008 pported interface ata was successful cacquired Actual Result d interfaces. as expected as expected ess. as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add | EDT 2008 pported interface ata was successful cacquired Actual Result d interfaces. as expected as expected ess. as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add entries. | EDT 2008 pported interface ata was successful cacquired Actual Result d interfaces. as expected acquired data via as expected es. as expected as expected as expected as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add entries. A_IM-09 Acquisition of address book entri | EDT 2008 pported interface ata was successful cacquired Actual Result d interfaces. as expected acquired data via as expected les. as expected as expected as expected as expected as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add entries. A_IM-09 Acquisition of address book entri special characters. | EDT 2008 pported interface ata was successful c acquired Actual Result d interfaces. as expected acquired data via as expected les. as expected less book as expected less containing as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add entries. A_IM-09 Acquisition of address book entri special characters. A_IM-10 Acquisition of address book entri blank name entry. | EDT 2008 pported interface ata was successful r acquired Actual Result a interfaces. as expected acquired data via as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired ALL PIM related data was acqui | EDT 2008 pported interface ata was successful acquired Actual Result d interfaces. as expected as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add entries. A_IM-09 Acquisition of address book entri special characters. A_IM-10 Acquisition of address book entri blank name entry. A_IM-11 Acquisition of embedded email add | EDT 2008 pported interface ata was successful acquired Actual Result d interfaces. as expected as expected |
| | Acquisition started: Thu Apr 24 08:25:43 E Acquisition finished: Thu Apr 24 08:29:43 Device connectivity was established via su Readability and completeness of acquired d All address book entries were successfully ALL PIM related data was acquired Assertion & Expected Result A_IM-01 Device connectivity via supported A_IM-04 Readability and completeness of a supported reports. A_IM-07 Acquisition of address book entri A_IM-08 Acquisition of maximum length add entries. A_IM-09 Acquisition of address book entri special characters. A_IM-10 Acquisition of address book entri blank name entry. A_IM-11 Acquisition of embedded email add address book entries. A_IM-12 Acquisition of embedded graphics | EDT 2008 pported interface ata was successful c acquired Actual Result A interfaces. as expected acquired data via as expected as expect |

5.2.37 CFT-IM-07 (Motorola RAZR V3)

| Test Case CF1 | -IM-07 Guidance Software | Neutrino Version 1.4.14 |
|---------------|--------------------------|--|
| Case | CFT-IM-07 Acquire mobile | e device internal memory and review reported call |
| Summary: | logs. | |
| Assertions: | _ | prensic tool provides support for connectivity of |
| | | the tool shall successfully recognize the target |
| | | pported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | prensic tool successfully completes acquisition of |
| | | he tool shall have the ability to present acquired |
| | | -readable format via either a preview-pane or |
| | generated report. | |
| | | prensic tool successfully completes acquisition of |
| | | ill call logs (incoming/outgoing) shall be presented |
| | in a human-readable form | nat without modification. |
| Tester | rpa | |
| Name: | 1pa | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 08:34:45 EDT | 2008 |
| Device: | Motorola_RAZR_V3 | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | Foreign Entry |
| | PIM Data | |
| | | Maximum Length |
| | | Regular Length |
| | | |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | |
| | | Missed |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | | Incoming Audio |
| | | Incoming Image |
| | | Incoming Video |
| | | Outgoing Audio |
| | | Outgoing Image |
| | | |
| | Obered allows dis 513 | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | 11 | Audio - Deleted |
| | | |

| Video | |
|---|---|
| Video | |
| Video - Deleted | |
| | |
| | |
| Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 08:34:45 EDT 2008 Acquisition finished: Thu Apr 24 08:45:46 EDT 2008 | |
| Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired | |
| 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 |
| | |
| | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 08:34:45 EDT 2008 Acquisition finished: Thu Apr 24 08:45:46 EDT 2008 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via |

5.2.38 CFT-IM-08 (Motorola RAZR V3)

| Test Case CF1 | -IM-08 Guidance Software | Neutrino Version 1.4.14 |
|---------------|--------------------------|---|
| Case | CFT-IM-08 Acquire mobile | e device internal memory and review reported text |
| Summary: | messages. | - |
| Assertions: | A IM-01 If a cellular fo | rensic tool provides support for connectivity of |
| | — | he tool shall successfully recognize the target |
| | | pported interfaces (e.g., cable, Bluetooth, IrDA). |
| | | prensic tool successfully completes acquisition of |
| | | |
| | | he tool shall have the ability to present acquired |
| | | -readable format via either a preview-pane or |
| | generated report. | |
| | | rensic tool successfully completes acquisition of |
| | | ll text messages (i.e., SMS, EMS) messages shall be |
| | presented in a human-rea | dable format without modification. |
| | | |
| Tester | rpa | |
| Name: | | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 09:10:31 EDT | 2008 |
| Device: | Motorola_RAZR_V3 | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| beedep | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | Address Book Entries | |
| | | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | Foreign Entry |
| | | Foreign Entry |
| | PIM Data | |
| | | Maximum Length |
| | | Regular Length |
| | | Deleted Entry |
| | | Special Character |
| | Call Logs | |
| | | Missed |
| | | |
| | | Missed - Deleted |
| | | Incoming |
| | | Incoming - Deleted |
| | | Outgoing |
| | | Outgoing - Deleted |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | |
| | | Incoming SMS - Unread |
| | | Incoming SMS - Deleted |
| | | Outgoing SMS |
| | | Outgoing SMS - Deleted |
| | | Incoming EMS - Read |
| | | Incoming EMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | |
| | | Incoming EMS - Deleted |
| | | Outgoing EMS |
| | | Outgoing EMS - Deleted |
| | MMS Messages | |
| | _ | Incoming Audio |
| | | Incoming Image |
| | | |
| | | Incoming Video |
| | | Outgoing Audio |
| | | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | |
| | | Audio - Deleted |
| | | Image |

| | Image - Deleted | |
|-------------|--|--|
| | Video | |
| | Video - Deleted | |
| | Video - Deleced | |
| | | |
| T. e. er | Guested De Neutrine Versier 1 4 14 | |
| Log | Created By Neutrino Version 1.4.14 | |
| Highlights: | Acquisition started: Thu Apr 24 09:10:31 EDT 2008 | |
| | Acquisition finished: Thu Apr 24 09:30:43 EDT 2008 | |
| | Device connectivity was established via supported interface | |
| | Readability and completeness of acquired data was successful | |
| | Partial Text messages were acquired | |
| | Partial lest messages were acquired | |
| | | |
| | | |
| | Notes: | or reported |
| | Notes: EMS messages (messages over 160 characters) are not acquired | or reported |
| | Notes: | or reported |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired | or reported |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired | or reported |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. | |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. | Actual |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. Assertion & Expected Result | Actual Result |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. | Actual Result as expected |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Actual Result as expected |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected |
| Results: | Notes: EMS messages (messages over 160 characters) are not acquired either via the GUI or generated report. Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected |

5.2.39 CFT-IM-10 (Motorola RAZR V3)

| Test Case CFI | -IM-10 Guidance Software N | | |
|---------------|--|---|--|
| Case | | device internal memory and review reported stand- | |
| Summary: | alone multi-media data (: | i.e., audio, graphics, video). | |
| Assertions: | | rensic tool provides support for connectivity of | |
| | the target device then the tool shall successfully recognize the target | | |
| | device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). | | |
| | A_IM-04 If a cellular forensic tool successfully completes acquisition of | | |
| | the target device then the tool shall have the ability to present acquired | | |
| | data elements in a human-readable format via either a preview-pane or | | |
| | generated report. | | |
| | A_IM-20 If a cellular for | rensic tool successfully completes acquisition of | |
| | | ll stand-alone audio files shall be playable via | |
| | either an internal applic | cation or suggested third-party application without | |
| | modification. | | |
| | A IM-21 If a cellular for | rensic tool successfully completes acquisition of | |
| | | ll stand-alone image files shall be viewable via | |
| | | cation or suggested third-party application without | |
| | modification. | | |
| | | rensic tool successfully completes acquisition of | |
| | | ll stand-alone video files shall be viewable via | |
| | - | cation or suggested third-party application without | |
| | modification. | cation of suggested child-party application without | |
| | moullication. | | |
| Tester | rpa | | |
| Name: | | | |
| Test Host: | Morrisy | | |
| Test Date: | Thu Apr 24 10:35:06 EDT 2 | 2008 | |
| Device: | Motorola_RAZR_V3 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | - | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | Maximum Length | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | Special Character | |
| | | Special character | |
| | Call Logs | Minued | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | Outgoing EMS | |
| | | Outgoing EMS - Deleted | |
| | MMC Mograna | OUCHOTHA TWP - DETECED | |
| | MMS Messages | | |
| | | Incoming Audio | |

| | I-IM-10 Guidance Software Neutrino Version 1.4.14 | |
|----------|---|--|
| | Incoming Image | |
| | Incoming Video | |
| | Outgoing Audio | |
| | Outgoing Image | |
| | Outgoing Video | |
| | Stand-alone data files | |
| | Audio | |
| | Audio - Deleted | |
| | Image | |
| | Image - Deleted | |
| | Video | |
| | Video - Deleted | |
| | Device connectivity was established via supported interface Readability and completeness of acquired data was successful Audio files were not acquired Image files were not acquired Video files were not acquired Notes: Neutrino is not designed to acquire stand-alone files (i.e., graphics, video) for the Motorola RAZR V3. | |
| | | audio, |
| Results: | Departion & Europhod Depult | |
| esults: | Assertion & Expected Result | Actual Result |
| Results: | Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. | Actual |
| Results: | | Actual Result |
| Results: | A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via | Actual Result as expected |
| Results: | A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. | Actual Result as expected as expected |
| Results: | A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-20 Acquisition of stand-alone audio files. | Actual Result as expected as expected as expected |
| Results: | A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-20 Acquisition of stand-alone audio files. A_IM-21 Acquisition of stand-alone graphic files. | Actual Result as expected as expected as expected as expected |

5.2.40 CFT-IMO-01 (Motorola RAZR V3)

| Case | T-IMO-01 Guidance Software Neutrino Version 1.4.14 CFT-IMO-01 Acquire mobile device internal memory and review reported data | | |
|--------------|---|---|--|
| Summary: | via supported generated report formats. | | |
| Assertions: | A_IMO-38 If a cellular forensic tool successfully completes acquisition of | | |
| | the target device then t | he tool shall present the acquired data without | |
| | | ed generated report formats. | |
| | | 5 | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Thu Apr 24 10:46:15 EDT 2008 | | |
| Device: | Motorola_RAZR_V3 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | Maximum Length | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | Outgoing EMS | |
| | | Outgoing EMS - Deleted | |
| | MMS Messages | | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |
| | | Video - Deleted | |
| | | | |
| | 1 | | |

| Test Case CF1 | -IMO-01 Guidance Software Neutrino Version 1.4.14 | |
|--------------------|--|------------------|
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 10:46:15 EDT 2008 Acquisition finished: Thu Apr 24 10:49:02 EDT 2008 Complete representation of known data via generated reports was suc | |
| Results: | Assertion & Expected Result | Actual Result |
| | A_IMO-38 Comparison of known device data elements via generated reports. | as expected |
| Analysis: | Expected results achieved | |

5.2.41 CFT-IMO-02 (Motorola RAZR V3)

| Case | T-IMO-02 Guidance Software Neutrino Version 1.4.14 CFT-IMO-02 Acquire mobile device internal memory and review reported data | |
|--------------|---|--|
| Summary: | via the preview-pane. | |
| Assertions: | | prensic tool successfully completes acquisition of |
| | | ne tool shall present the acquired data without |
| | modification in a preview | |
| | | |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 10:50:13 EDT 2 | 2008 |
| Device: | Motorola_RAZR_V3 | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| beeap | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | Hadrebb Book Enerreb | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | |
| | | Deleted Entry |
| | DIM Data | Foreign Entry |
| | PIM Data | Merrimum Tenerb |
| | | 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 |
| | NMC Magnetic | ourdorud FW2 - Detered |
| | MMS Messages | The new day of The day |
| | | 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 |
| | | 2010000 |
| | | |
| | | |

| Test Case CF | I-IMO-02 Guidance Software Neutrino Version 1.4.14 | | |
|--------------|---|------------------|--|
| Highlights: | Acquisition started: Thu Apr 24 10:50:13 EDT 2008 Acquisition finished: Thu Apr 24 10:53:51 EDT 2008 | | |
| | Complete representation of known data via preview-pane was | s successful | |
| | | | |
| Results: | Assertion & Expected Result | Actual Result | |
| Results: | Assertion & Expected Result A_IMO-39 Comparison of known device data elements via preview-pane. | | |

5.2.42 CFT-IMO-03 (Motorola RAZR V3)

| Test Case CFT- | IMO-03 Guidance Software | Neutrino Version 1.4.14 | |
|----------------|--|--|--|
| | CFT-IMO-03 Acquire mobile device internal memory and compare reported data | | |
| Summary: | via the preview-pane and | supported generated reports. | |
| | | prensic tool successfully completes acquisition of | |
| | | ne tool shall present the acquired data without | |
| | - | ed generated report formats. | |
| | | prensic tool successfully completes acquisition of | |
| | | ne tool shall present the acquired data without | |
| | modification in a preview | | |
| | | | |
| | | prensic tool provides a preview-pane view and a | |
| | | acquired data then the reports shall maintain | |
| | consistency of all report | ted data elements. | |
| | | | |
| | rpa | | |
| | Morrisy | | |
| | Thu Apr 24 11:58:06 EDT 2 | 2008 | |
| Device: | Motorola_RAZR_V3 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | 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 | |
| | | | |
| | <u> </u> | Incoming EMS - Unread | |
| | ļ | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | Outgoing EMS | |
| | | Outgoing EMS - Deleted | |
| | MMS Messages | | |
| | ~ | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | | |
| | ļ l | Outgoing Audio | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | <u> </u> | | |
| | <u> </u> | Image | |
| | ļ ļ | Image - Deleted | |
| | | Video | |

| | Video - Deleted | |
|--------------------|---|------------------|
| | | |
| Log Highlights: | eated By Neutrino Version 1.4.14 quisition started: Thu Apr 24 11:58:06 EDT 2008 quisition finished: Thu Apr 24 12:15:22 EDT 2008 mplete representation of known data via generated reports was successful mplete representation of known data via preview-pane was successful hsistency between generated reports and preview-pane was successful | |
| Results: | Assertion & Expected Result | Actual Result |
| | A_IMO-38 Comparison of known device data elements via | as expected |
| | generated reports. | ub enpected |
| | | as expected |
| | generated reports. A_IMO-39 Comparison of known device data elements via | - |

5.2.43 CFT-IMO-04 (Motorola RAZR V3)

| Case | CFT-IMO-04 After a successful mobile device internal memory acquisition, | | |
|--------------|--|---|--|
| Summary: | alter the case file via third party means and attempt to re-open the case. | | |
| Assertions: | | is attempted to the case file or individual data | |
| | — | means then the tool shall provide protection | |
| | | or reporting data modification. | |
| | | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Thu Apr 24 12:52:40 EDT | 2008 | |
| Device: | Motorola_RAZR_V3 | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| - | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | Maximum Length | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | Text Messages | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming Foreign EMS - Read Incoming EMS - Deleted | |
| | | | |
| | | Outgoing EMS | |
| | MMC Moggogo | Outgoing EMS - Deleted | |
| | MMS Messages | Incoming Audio | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |
| | | Video - Deleted | |
| | | | |
| | | | |
| | | | |
| Log | Created By Neutrino Vers | · | |

| Test Case CFT | -IMO-04 Guidance Software Neutrino Version 1.4.14 | | |
|---|--|---------------------|--|
| Highlights: | Acquisition started: Thu Apr 24 12:52:40 EDT 2008 | | |
| | Acquisition finished: Thu Apr 24 12:59:44 EDT 2008 | | |
| Notification of modified case data was successful | | | |
| | Notes: EnCase reports the following error when attempting to Error in <filename>: Invalid data checksum</filename> | modify a case file: | |
| Results: | | | |
| | Assertion & Expected Result | Actual Result | |
| | A_IMO-41 Notification of modified device case data. | as expected | |
| Analysis: | Expected results achieved | | |

5.2.44 CFT-IMO-10 (Motorola RAZR V3)

| Test Case CFT- | IMO-10 Guidance Software | Neutrino Version 1.4.14 |
|----------------|---|--|
| Case | | nd-alone mobile device internal memory acquisition |
| Summary: | and review the status flags for text messages present on the SIM. | |
| Assertions: | A_IMO-38 If a cellular fo | prensic tool successfully completes acquisition of |
| | the target device then the | ne tool shall present the acquired data without |
| | modification via supporte | ed generated report formats. |
| | A_IMO-39 If a cellular fo | prensic tool successfully completes acquisition of |
| | | ne tool shall present the acquired data without |
| | modification in a preview | |
| | — | forensic tool supports stand-alone acquisition of |
| | | SIM present, then the contents of the SIM shall |
| | - | iternal memory acquisition. |
| | not be modified during in | recinar memory acquipreron. |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Thu Apr 24 13:39:19 EDT 2 | 2008 |
| | | 2008 |
| Device: | Motorola_RAZR_V3 | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| | DATA OBJECTS | DATA ELEMENTS |
| | Address Book Entries | |
| | | Maximum Length |
| | | Regular Length, email, picture |
| | | Special Character |
| | | Blank Name |
| | | Regular Length, Deleted email - deleted picture |
| | | Deleted Entry |
| | | - |
| | | Foreign Entry |
| | PIM Data | |
| | | 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 |
| | 1 | Incoming Image |
| | | Incoming Video |
| | | 5 |
| | | Outgoing Audio |
| | ļ | Outgoing Image |
| | | Outgoing Video |
| | Stand-alone data files | |
| | | Audio |
| | | Audio - Deleted |
| | | Image |
| | | Image - Deleted |
| | | |
| | | Video |

| | Video - Deleted | |
|--------------------|---|------------------------------|
| | | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 13:39:19 EDT 2008 Acquisition finished: Thu Apr 24 13:40:54 EDT 2008 Complete representation of known data via generated reports successful Complete representation of known data via preview-pane was Stand-alone acquisition without disrupting SIM data was not Notes: When selecting "Acquire Logical Data" only, text messages p SIM whose status is Unread is modified to "Read" after the | not successful successful |
| | <pre>device logical Acquisition. "Acquire SIM Image" is NOT selected.</pre> | incernar memory |
| Results: | | |
| | Assertion & Expected Result | Actual Result |
| | A_IMO-38 Comparison of known device data elements via generated reports. | Partial |
| | A_IMO-39 Comparison of known device data elements via preview-pane. | Partial |
| | A_IMO-55 Stand-along acquisition without disrupting SIM data. | Not as expected |
| | | |

5.2.45 CFT-IMO-11 (Motorola RAZR V3)

| | MO-11 Guidance Software | | |
|--------------|---|--|--|
| | CFT-IMO-11 Acquire mobile device internal memory and review hash values for | | |
| Summary: | vendor supported data objects. | | |
| Assertions: | A_IMO-38 If a cellular forensic tool successfully completes acquisition of | | |
| | | ne tool shall present the acquired data without | |
| | | ed generated report formats. | |
| | | prensic tool successfully completes acquisition of | |
| | | ne tool shall present the acquired data without | |
| | modification in a preview | | |
| | | | |
| | | forensic tool supports 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 Apr 24 13:44:40 EDT 2 | 2008 | |
| | Motorola_RAZR_V3 | | |
| | OS: WIN XP | | |
| | | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Address Book Entries | | |
| | | Maximum Length | |
| | | Regular Length, email, picture | |
| | | Special Character | |
| | | Blank Name | |
| | | | |
| | | Regular Length, Deleted email - deleted picture | |
| | | Deleted Entry | |
| | | Foreign Entry | |
| | PIM Data | | |
| | | Maximum Length | |
| | | Regular Length | |
| | | Deleted Entry | |
| | | | |
| | | Special Character | |
| | Call Logs | | |
| | | Missed | |
| | | Missed - Deleted | |
| | | Incoming | |
| | | Incoming - Deleted | |
| | | Outgoing | |
| | | | |
| | | Outgoing - Deleted | |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Unread | |
| | | Incoming SMS - Deleted | |
| | | Outgoing SMS | |
| | | Outgoing SMS - Deleted | |
| | | | |
| | | Incoming EMS - Read | |
| | | Incoming EMS - Unread | |
| | | Incoming Foreign EMS - Read | |
| | | Incoming EMS - Deleted | |
| | | Outgoing EMS | |
| | | | |
| | | Outgoing EMS - Deleted | |
| | MMS Messages | | |
| | | Incoming Audio | |
| | | Incoming Image | |
| | | Incoming Video | |
| | | Outgoing Audio | |
| | | | |
| | | Outgoing Image | |
| | | Outgoing Video | |
| | Stand-alone data files | | |
| | | Audio | |
| | | Audio - Deleted | |
| | | | |
| | | Image | |
| | | Image - Deleted | |
| | | Video | |

| | Video - Deleted | |
|--------------------|--|---------------------------------|
| | Video Deleted | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Thu Apr 24 13:44:40 EDT 2008 Acquisition finished: Thu Apr 24 13:46:14 EDT 2008 Complete representation of known data via generated report: Complete representation of known data via preview-pane was Device hash reporting for individual acquired data element: Notes: Contacts, Text Messages (SMS, EMS) and Call Logs hash value via the GUI. | successful s was successful |
| | | |
| Results: | Assertion & Expected Result | Actual |
| Results: | Assertion & Expected Result A_IMO-38 Comparison of known device data elements via generated reports. | Actual Result as expected |
| Results: | A_IMO-38 Comparison of known device data elements via | Result |
| Results: | A_IMO-38 Comparison of known device data elements via generated reports. A_IMO-39 Comparison of known device data elements via | Result as expected |

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

| Case CFT-SIM-01 Acquire SIM over supported interfaces (e.g., PC/SC reader, proprietary reader). Assertions: A_SIM-23 If a cellular forensic tool provides support for connectivity the target SIM then the tool shall successfully recognize the target SI via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). Test name: rpa Test Name: rpa Test Name: morrisy Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: ATT_SIM Source OS: WIN XP Setup: Interface: USB DATA OBJECTS DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length East Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Maximution function fu | Test Case CFT | -SIM-01 Guidance Software Neutrino Ve | ersion 1.4.14 | |
|---|---------------|---|--------------------|------------------|
| Assertions: A_SIM-33 If a cellular forensic tool provides support for connectivity the target SIM then the tool shall successfully recognize the target SI via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). Test Name: rpa Test Host: Morrisy Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: ATT_SIM Source OS: WIN XP Interface: USB DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length Regular Length - Deleted Number Special Character Blank Name Regular Length - Deleted Number Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Wighlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:15:15 EDT 2008 Media connectivity was established via supported interface Actual Result <td></td> <td></td> <td></td> <td>., PC/SC reader,</td> | | | | ., PC/SC reader, |
| the target SIM then the tool shall successfully recognize the target SI via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). Tester Name: rpa Test Host: Morrisy Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: ATT_SIM Source OS: WIN XP Setup: Interface: USB Data DolgCTS DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length Call Logs East Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Del | Summary: | proprietary reader). | | |
| via all vendor supported interfaces (e.g., PC/SC reader, proprietary reader). Tester Name: rpa Test Morrisy Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: ATT_SIM Source 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 Number Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Poreign Incoming SMS - Deleted Results: Results: | Assertions: | A_SIM-23 If a cellular forensic tool provides support for connectiv | | |
| reader). Test Host: Morrisy Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: Source OS: WIN XP Interface: USB DATA OBJECTS DATA OBJECTS Abbreviated Dialing Numbers (ADN) Abbreviated Dialing Numbers (ADN) Abbreviated Dialing Numbers (ADN) Abbreviated Dialing Numbers (ADN) Call Logs Call Logs Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Foreign Incoming SMS - Poleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Mighlights: Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Media connectivity was established via supported interface Results: | | | | |
| Test Name: rpa Test Host: Morrisy Test Date: Wed Apr 23 08:07:29 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 Call Logs Incoming SMS - Deleted Number Call Logs Incoming SMS - Foreign Incoming SMS - Foreign Incoming SMS - Nead Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted May and the date of the date | | via all vendor supported interfaces | (e.g., PC/SC read | er, proprietary |
| Test Host: Morrisy Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: ATT_SIM Source OS: WIN XP Interface: USB DATA OBJECTS DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length Blank Name Megular Length - Deleted Number Call Logs Incoming SMS - Read Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Log Created By Neutrino Version 1.4.14 Highlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: | | reader). | | |
| Test Date: Wed Apr 23 08:07:29 EDT 2008 Device: ATT_SIM Source OS: WIN XP Interface: USB DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length Special Character Blank Name Regular Length - Deleted Number Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Duread Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Duread Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Duread Incoming SMS - Deleted Incoming SMS - Duread Incoming SMS - Deleted Maximin Ender Wed Apr 23 08:07:29 EDT 2008 Acquisition started: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result Actual Result | Tester Name: | rpa | | |
| Device: ATT_SIM Source Source Setup: OS: WIN XP Interface: USB DATA OBJECTS Abbreviated Dialing Numbers (ADN) Abbreviated Number Call Logs Log Incoming SMS - Read Incoming SMS - Deleted Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result Actual Result | Test Host: | Morrisy | | |
| Source OS: WIN XP Interface: USB DATA OBJECTS Abbreviated Dialing Numbers (ADN) Maximum Length Blank Name Blank Name Regular Length - Deleted Number Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Maximum Length Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Maximum Length Incoming EMS - Deleted Maximum Length Maximum Length Media connectivity was established via supported interface Results: Actual Result | Test Date: | Wed Apr 23 08:07:29 EDT 2008 | | |
| 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 Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Foreign Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming Foreign EMS - Deleted Incoming SMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted May and the support of the suport of the support of the support of the supp | Device: | ATT_SIM | | |
| DATA OBJECTS DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length Special Character Blank Name Blank Name Regular Length - Deleted Number Call Logs Foreign Entry Call Logs Incoming SMS - Read Text Messages Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Maximum Length Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Maximum Length Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Media connectivity was established via supported interface Media connectivity was established via supported interface Results: Assertion & Expected Result Actual Result | Source | OS: WIN XP | | |
| Abbreviated Dialing Numbers (ADN) Maximum Length Special Character Blank Name Regular Length - Deleted Number Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Maximum Composition Started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | Setup: | Interface: USB | | |
| Image: Constraint of the system of the sy | | DATA OBJECTS | DATA ELEMENTS | |
| Special Character Blank Name Regular Length - Deleted Number Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Regular Length - Deleted Results: Assertion & Expected Result Actual Result | | Abbreviated Dialing Numbers (ADN) | | |
| Blank Name Regular Length - Deleted Number Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming EMS - Deleted Incoming EMS - Deleted Media connectivity weak appr 23 08:07:29 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Maximum Length | |
| Regular Length - Deleted Number Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Kequisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Special Characte | er |
| Foreign Entry Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Blank Name | |
| Call Logs Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Deleted Incoming Foreign EMS - Read Incoming Foreign EMS - Deleted Incoming EMS - Deleted Log Kequisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result Actual Result | | | Regular Length - | - Deleted Number |
| Last Numbers Dialed (LND) Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming SMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Foreign Entry | |
| Text Messages Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Log Kacquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | Call Logs | | |
| Incoming SMS - Read Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Results: Assertion & Expected Result Actual Result | | | Last Numbers Dia | aled (LND) |
| Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Incoming EMS - Deleted Kequisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | Text Messages | | |
| Incoming SMS - Deleted Incoming SMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Log Highlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Incoming SMS - F | Read |
| Incoming SMS - Unread Incoming Foreign EMS - Read Incoming EMS - Deleted Log Highlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Incoming SMS - H | Foreign |
| Log Incoming Foreign EMS - Read Highlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Incoming SMS - I | Deleted |
| Log Created By Neutrino Version 1.4.14 Highlights: Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Incoming SMS - U | Jnread |
| Log Highlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result Actual Result | | | Incoming Foreigr | n EMS - Read |
| Highlights: Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | Incoming EMS - I | Deleted |
| Highlights: Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | | | | |
| Highlights: Acquisition started: Wed Apr 23 08:07:29 EDT 2008 Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result | Loq | Created By Neutrino Version 1.4.14 | | |
| Acquisition finished: Wed Apr 23 08:21:51 EDT 2008 Media connectivity was established via supported interface Results: Assertion & Expected Result Actual Result | 5 | | | |
| Results: Assertion & Expected Result Actual Result | 5 5 | | | |
| Results: Assertion & Expected Result Actual Result | | | | |
| Assertion & Expected Result Actual Result | | Media connectivity was established v | via supported inte | rface |
| | Results: | | | |
| A_SIM-23 SIM connectivity via supported interfaces. as expected | | | | |
| | | A_SIM-23 SIM connectivity via supp | orted interfaces. | as expected |
| Analysis: Expected results achieved | Analysis: | Expected results achieved | | |

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

| Test Case CFT | -SIM-02 Guidance Software Neutrino Ve | rsion 1.4.14 |
|--------------------|--|--|
| Case | CFT-SIM-02 Attempt acquisition of a | |
| Summary: | | |
| Assertions: | | l attempts to connect to a non-supporte ility to identify that the SIM is not |
| Tester Name: | rpa | |
| Test Host: | Morrisy | |
| Test Date: | Wed Apr 23 08:31:19 EDT 2008 | |
| Device: | ATT_SIM | |
| Source | OS: WIN XP | |
| Setup: | Interface: USB | |
| - | DATA OBJECTS | DATA ELEMENTS |
| | Abbreviated Dialing Numbers (ADN) | |
| | | Maximum Length |
| | | Special Character |
| | | Blank Name |
| | | Regular Length - Deleted Number |
| | | Foreign Entry |
| | Call Logs | |
| | | Last Numbers Dialed (LND) |
| | Text Messages | |
| | | Incoming SMS - Read |
| | | Incoming SMS - Foreign |
| | | Incoming SMS - Deleted |
| | | Incoming SMS - Unread |
| | | Incoming Foreign EMS - Read |
| | | Incoming EMS - Deleted |
| | | Incolling EMS - Dereced |
| | | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 08: Acquisition finished: Wed Apr 23 08 | |
| | Identification of non-supported med | ia was successful |
| Results: | | |
| | Assertion & Expected Result | Actual Result |
| | A_SIM-24 Identification of non-sup | ported SIMs. as expected |
| Analysis: | Expected results achieved | |

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

| Test Case CFT | -SIM-03 Guidance Software Neutrino Vers | sion 1.4.14 | |
|---------------|---|-------------------|----------------------|
| Case | CFT-SIM-03 Begin SIM acquisition and | | ivity 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 su | | |
| | via all vendor supported interfaces (| | |
| | reader). | 5 | |
| | A_SIM-25 If a cellular forensic tool | encounters diseng | agement between the |
| | SIM reader and application then the a | pplication shall | notify the user that |
| | connectivity has been disrupted. | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 08:33:51 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 | bereeed Number |
| | Call Logs | 10101911 20017 | |
| | | Last Numbers Dial | led (LND) |
| | Text Messages | | |
| | | Incoming SMS - Re | ad |
| | | Incoming SMS - Fo | |
| | | Incoming SMS - De | |
| | | Incoming SMS - Ur | |
| | | Incoming Foreign | |
| | | Incoming EMS - De | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Wed Apr 23 08:33 | :51 EDT 2008 | |
| | Acquisition finished: Wed Apr 23 08:3 | 7:08 EDT 2008 | |
| | | | - |
| | Media connectivity was established vi | | |
| | Media acquisition disruption notifica | tion was successf | ul |
| Results: | - | | |
| | Assertion & Expected Result | | Actual Result |
| | A_SIM-23 SIM connectivity via suppor | | as expected |
| | A_SIM-25 Notification of SIM acquisi | tion disruption. | as expected |
| | | | |
| Analysis: | Expected results achieved | | |

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

| Test Case CFI | -SIM-04 Guidance Software Neutrino Ve | ersion 1.4.14 | |
|---------------|--|--------------------------|----------------|
| Case | CFT-SIM-04 Attempt acquisition on a | | |
| Summary: | | | |
| Assertions: | A_SIM-23 If a cellular forensic tool provides support for connectivity | | |
| | the target SIM then the tool shall s | successfully recognize t | he target SIM |
| | via all vendor supported interfaces | (e.g., PC/SC reader, pr | oprietary |
| | reader). | | |
| | A_SIM-26 If the SIM is password-prot | | |
| | shall provide the examiner with the | opportunity to input th | e PIN before |
| | acquisition. | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 08:37:51 EDT 2008 | | |
| Device: | ATT_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | Maximum Length | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length - Delet | ed Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dialed (I | ND) |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreign | 1 |
| | | Incoming SMS - Deleted | l |
| | | Incoming SMS - Unread | |
| | | Incoming Foreign EMS - | |
| | | Incoming EMS - Deleted | l |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Aighlights: | Acquisition started: Wed Apr 23 08:3 | | |
| | Acquisition finished: Wed Apr 23 08 | :50:55 EDT 2008 | |
| | Madia sempertisity use established - | | |
| | Media connectivity was established | | |
| | Ability to enter PIN on protected me | edia berore acquisition | was successiui |
| Results: | | | |
| | Assertion & Expected Result | | Actual |
| | | | Result |
| | A_SIM-23 SIM connectivity via supp | orted interfaces. | as expected |
| | A_SIM-26 Password entry before acq | | as expected |
| | SIMs. | Freetood | |
| | | | 1 |
| | | | |
| Analysis: | Expected results achieved | | |

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

| Test Case CFT | -SIM-05 Guidance Software Neutrino Ve | rsion 1.4.14 | |
|---------------|---|---------------------------|----------------|
| Case | CFT-SIM-05 Acquire SIM internal memo | | ta via the |
| Summary: | preview-pane or generated reports for readability. | | |
| Assertions: | A_SIM-23 If a cellular forensic tool provides support for connectivity o | | |
| | the target SIM then the tool shall s | | |
| | via all vendor supported interfaces | | - |
| | reader). | | |
| | A_SIM-27 If a cellular forensic tool | successfully completes a | cquisition of |
| | the target SIM then the tool shall h | | - |
| | data in a human-readable format via | either preview-pane or ge | nerated |
| | report. | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 08:51:25 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 | C) |
| | Text Messages | | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreign | |
| | | Incoming SMS - Deleted | |
| | | Incoming SMS - Unread | |
| | | Incoming Foreign EMS - 1 | Read |
| | | Incoming EMS - Deleted | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Wed Apr 23 08:5 | | |
| | Acquisition finished: Wed Apr 23 09:03:28 EDT 2008 | | |
| | | | |
| | Media connectivity was established w | | |
| | Readability and completeness of acqu | ured data was successful | |
| Results: | | | |
| | Assertion & Expected Result | | Actual |
| | | | Result |
| | A SIM-23 SIM connectivity via suppo | orted interfaces | as expected |
| | A_SIM-23 SIM connectivity via supported interfaces. A_SIM-27 Readability and completeness of acquired data via | | as expected |
| | supported reports. | acquirea auca via | and only could |
| | | | <u> </u> |
| | | | |
| Analysis: | Expected results achieved | | |

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

| -SIM-06 Guidance Software Neutrino Ve | rsion 1.4.14 | |
|---|---|---|
| | | |
| | | |
| | | - |
| the target SIM then the tool shall successfully recognize the target SIM | | |
| | (e.g., PC/SC reader, prop | orietary |
| reader). | | |
| | | - |
| | | - |
| | either preview-pane or ge | eneraced |
| - | successfully completes a | consistion of |
| | | - |
| | | |
| | successfully completes a | cquisition of |
| | | |
| without modification. | - | |
| | | |
| rpa | | |
| - | | |
| | | |
| | | |
| | | |
| | | |
| | DATA ELEMENTS | |
| Abbreviated Dialing Numbers (ADN) | | |
| | | |
| | 1 1 | |
| | | |
| | 5 | d Number |
| | Foreign Entry | |
| Call Logs | | |
| | Last Numbers Dialed (LN | D) |
| Text Messages | | |
| | | |
| | | |
| | | |
| | | - 1 |
| | | Read |
| | Incoming EMS - Deleted | |
| | | |
| | | |
| Created By Neutrino Version 1.4.14 | | |
| 11 | 54:56 EDT 2008 | |
| | | |
| | | |
| Media connectivity was established v | via supported interface | |
| | | |
| ICCID was acquired | | |
| IMSI was acquired | | |
| | | |
| Aggention & Eurogtod Degult | | A atual |
| Assertion & Expected Result | | Actual Result |
| | orted interfaces | as expected |
| A SIM-74 SIM connectivity via dupped | | * |
| A_SIM-23 SIM connectivity via support | add of admired data min | ad evneated |
| A_SIM-27 Readability and completene | ess of acquired data via | as expected |
| A_SIM-27 Readability and completene supported reports. | ess of acquired data via | _ |
| A_SIM-27 Readability and completene supported reports. A_SIM-29 Acquisition of ICCID. | ess of acquired data via | as expected |
| A_SIM-27 Readability and completene supported reports. | ess of acquired data via | _ |
| A_SIM-27 Readability and completene supported reports. A_SIM-29 Acquisition of ICCID. | ess of acquired data via | as expected |
| - | CFT-SIM-06 Acquire SIM internal memory equipment related information (i.e., A_SIM-23 If a cellular forensic tool the target SIM then the tool shall s via all vendor supported interfaces reader). A_SIM-27 If a cellular forensic tool the target SIM then the tool shall h data in a human-readable format via report. A_SIM-29 If a cellular forensic tool the target SIM then the ICCID shall without modification. A_SIM-30 If a cellular forensic tool the target SIM then the IMSI shall h without modification. rpa Morrisy Wed Apr 23 09:54:56 EDT 2008 ATT_SIM OS: WIN XP Interface: USB DATA OBJECTS Abbreviated Dialing Numbers (ADN) Call Logs Text Messages Call Logs Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 09:54 Acquisition finished: Wed Apr 23 10: Media connectivity was established of Readability and completeness of acquired | CFT-SIM-06 Acquire SIM internal memory and review reported su equipment related information (i.e., SPN, ICCID, IMSI, MSISDN A_SIM-23 If a cellular forensic tool provides support for cor the target SIM then the tool shall successfully recognize the via all vendor supported interfaces (e.g., PC/SC reader, propreader). A_SIM-27 If a cellular forensic tool successfully completes a the target SIM then the tool shall have the ability to presen data in a human-readable format via either preview-pane or ge report. A_SIM-29 If a cellular forensic tool successfully completes a the target SIM then the ICCID shall be presented in a human-re without modification. A_SIM-30 If a cellular forensic tool successfully completes a the target SIM then the INSI shall be presented in a human-re without modification. rpa Morrisy Wed Apr 23 09:54:56 EDT 2008 ATT_SIM OS: WIN XP Interface: USB DATA OBJECTS DATA ELEMENTS Abbreviated Dialing Numbers (ADN) Maximum Length Regular Length - Deleted Foreign Entry Call Logs Incoming SMS - Foreign Incoming SMS - Deleted Incoming SMS - Deleted |

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

| | T-SIM-07 Guidance Software Neutrino Version 1.4.14 CFT-SIM-07 Acquire SIM internal memory and review reported Abbreviated | | |
|--------------|--|----------------------------|----------------|
| Case | | | |
| Summary: | Dialing Numbers (ADN). A SIM-23 If a cellular forensic tool provides support for connectivity of | | |
| Assertions: | | | |
| | the target SIM then the tool shall s | | |
| | via all vendor supported interfaces | (e.g., PC/SC reader, prop | prietary |
| | reader). | | |
| | A_SIM-27 If a cellular forensic tool successfully completes acquisition of | | |
| | the target SIM then the tool shall h | nave the ability to preser | nt acquired |
| | data in a human-readable format via | either preview-pane or ge | enerated |
| | report. | | |
| | A_SIM-32 If a cellular forensic tool | successfully completes a | acquisition of |
| | the target SIM then all Abbreviated | Dialing Numbers (ADN) sha | all be |
| | presented in a human-readable format | without modification. | |
| | - | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 10:26:01 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 |
| | | | a Namber |
| | | 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 | liouu |
| | | incoming hab beieced | |
| | | | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Highlights: | Acquisition started: Wed Apr 23 10:2 | 06.01 EDT 2009 | |
| HIGHLIGHLS. | | | |
| | Acquisition finished: Wed Apr 23 10: | 20.22 FDI 2008 | |
| | Madia appropriates and applied a | to announced to be a | |
| | Media connectivity was established via supported interface | | |
| | Readability and completeness of acquired data was successful | | |
| | Regular length ADNs were acquired | | |
| | Maximum Length ADNs were not acquired | | |
| | Special Character ADNs were not acquired | | |
| | Blank Name ADNs were acquired | | |
| | Diank Mane ADAS Were acquired | | |
| | Notes: | | |
| | Maximum length ADNs (16 characters) were not acquired or reported | | |
| | in either the GUI or generated report. | | |
| | In erther the GUI of generated report. | | |
| | Special character names (i.e., '@') were not displayed. | | |
| | Spectar character names (1.e., @) | "ere not arsprayed. | |
| | | | |
| Dogulta: | | | |
| Results: | | | T - · · - |
| | Assertion & Expected Result | | Actual |
| | | | Result |
| | A_SIM-23 SIM connectivity via suppo | orted interfaces. | as expected |
| | A_SIM-27 Readability and completene | ess of acquired data via | as expected |
| | supported reports. | | |
| | supported reports. | | |
| | A_SIM-32 Acquisition of ADNs. | | Partial |

| Test Case CFT | -SIM-07 Guidance Software Neutrino Version 1.4.14 |
|---------------|---|
| | |
| Analysis: | Partial results achieved |

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

| Test Case CFT | -SIM-08 Guidance Software Neutrino Ver | rsion 1.4.14 | |
|-----------------------|--|--|--|
| Case | CFT-SIM-08 Acquire SIM internal memo: | | st Numbers |
| Summary: | Dialed (LND). | | |
| Assertions: | A_SIM-23 If a cellular forensic tool the target SIM then the tool shall so via all vendor supported interfaces reader). A_SIM-27 If a cellular forensic tool | uccessfully recognize the (e.g., PC/SC reader, prop successfully completes a | target SIM rietary cquisition of |
| | the target SIM then the tool shall had data in a human-readable format via a report. A_SIM-33 If a cellular forensic tool the target SIM then all Last Numbers human-readable format without modified | either preview-pane or ge successfully completes a Dialed (LND) shall be pr | nerated cquisition of |
| The sets of a Name of | | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 10:37:58 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 | d Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | 5 | Last Numbers Dialed (LNI |) |
| | Text Messages | | - / |
| | Tene hebbageb | Incoming SMS - Read | |
| | | | |
| | | Incoming SMS - Foreign | |
| | | Incoming SMS - Deleted | |
| | | Incoming SMS - Unread | |
| | | Incoming Foreign EMS - H | Read |
| | | Incoming EMS - Deleted | |
| | | | |
| Log Highlights: | Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 10:3 Acquisition finished: Wed Apr 23 10:3 | | |
| | Media connectivity was established v. Readability and completeness of acqu. LNDs were acquired | | |
| Results: | · · · · | | |
| | Assertion & Expected Result | | Actual |
| | | | Result |
| | A_SIM-23 SIM connectivity via suppo | | as expected |
| | A_SIM-27 Readability and completene | ss of acquired data via | as expected |
| | supported reports. | | |
| | A_SIM-33 Acquisition of LNDs. | | as expected |
| | | | |
| Analysis: | Expected results achieved | | |
| | THE SECON TOPATOR ACTITOR OF | | |

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

| Test Case CFT | -SIM-09 Guidance Software Neutrino Version | | |
|--------------------|--|---|-----------------------|
| Case | CFT-SIM-09 Acquire SIM internal memory as | nd review reported te | xt messages |
| Summary: | (i.e., SMS, EMS). | | |
| Assertions: | A_SIM-23 If a cellular forensic tool pro- | | |
| | the target SIM then the tool shall successfully recognize the target SIM | | |
| | via all vendor supported interfaces (e.g | ., PC/SC reader, prop | rietary |
| | reader). | | |
| | A_SIM-27 If a cellular forensic tool such | | - |
| | the target SIM then the tool shall have data in a human-readable format via either | | |
| | report. | er preview-pane or ge | llerateu |
| | A_SIM-34 If a cellular forensic tool such | cessfully completes A | caujsition of |
| | the target SIM then all SMS text message | | - |
| | readable format without modification. | S Sharr Se Frebeneed | in a naman |
| | A_SIM-35 If a cellular forensic tool suc | cessfully completes A | cquisition of |
| | the target SIM then all EMS text message | | |
| | readable format without modification. | _ | |
| | | | |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 10:47:28 EDT 2008 | | |
| Device: | ATT_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | 1 |
| | | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | kimum Length | |
| | | ecial Character | |
| | | ank Name | |
| | | gular Length - Deleted | l Number |
| | | reign Entry | |
| | Call Logs | | |
| | | st Numbers Dialed (LND |)) |
| | Text Messages | | |
| | | coming SMS - Read | |
| | | coming SMS - Foreign | |
| | | coming SMS - Deleted | |
| | | coming SMS - Unread coming Foreign EMS - R | load |
| | | coming EMS - Deleted | leau |
| | Inc | Soming EMS - Deleted | |
| | | | |
| Log | Created By Neutrino Version 1.4.14 | | |
| Log Highlights: | Acquisition started: Wed Apr 23 10:47:28 | EDT 2008 | |
| inigini ignes. | Acquisition finished: Wed Apr 23 10:57:1 | | |
| | noquipidion iinipida noa ngi 15 16 57 1 | 5 221 2000 | |
| | Media connectivity was established via s | upported interface | |
| | Readability and completeness of acquired data was successful | | |
| | ALL text messages (SMS, EMS) were acquire | | |
| | | | |
| | Notes: | | |
| | Status flags for text messages are only o | displayed for deleted | text |
| | messages. | | |
| | Read and unread status for text messages | are not presented wi | tnin the |
| | GUI or generated report. | | |
| | | | |
| | | | |
| Results: | | | |
| Results: | Assertion & Expected Result | | Actual |
| Results: | Assertion & Expected Result | | Actual Result |
| Results: | Assertion & Expected Result A_SIM-23 SIM connectivity via supported | interfaces. | |
| Results: | | | Result |
| Results: | A_SIM-23 SIM connectivity via supported | | Result as expected |
| Results: | A_SIM-23 SIM connectivity via supported A_SIM-27 Readability and completeness o | | Result as expected |

| Test Case CFI | -SIM-09 Guidance Software Neutrino Version 1.4.14 |
|---------------|---|
| | |
| | |
| Analysis: | Expected results achieved |

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

| Test Case CFT | -SIMO-01 Guidance Software Neutrino N | Version 1.4.14 | | |
|---------------|--|---------------------------|------------------|--|
| Case | CFT-SIMO-01 Acquire SIM internal men | mory and review acquired | data via | |
| Summary: | suported generated report formats. | | | |
| Assertions: | | | | |
| | the target media (i.e., SIM) then the | he tool shall present the | acquired data | |
| | in a human-readable format without m | modification via supporte | d generated | |
| | report formats. | | | |
| Tester | rpa | | | |
| Name: | | | | |
| Test Host: | Morrisy | | | |
| Test Date: | Wed Apr 23 11:19:04 EDT 2008 | | | |
| Device: | ATT SIM | | | |
| Source | OS: WIN XP | | | |
| Setup: | Interface: USB | | | |
| | DATA OBJECTS | DATA ELEMENTS | | |
| | Abbreviated Dialing Numbers (ADN) | | | |
| | ADDICVIACED DIALING NUMBERS (ADN) | Maximum Length | | |
| | | Special Character | | |
| | | Blank Name | | |
| | | | a al Muumla a sa | |
| | | Regular Length - Delete | ed Number | |
| | | Foreign Entry | | |
| | Call Logs | | | |
| | | Last Numbers Dialed (L1 | ND) | |
| | Text Messages | | | |
| | | Incoming SMS - Read | | |
| | | Incoming SMS - Foreign | | |
| | | Incoming SMS - Deleted | | |
| | | Incoming SMS - Unread | | |
| | | Incoming Foreign EMS - | Read | |
| | | Incoming EMS - Deleted | | |
| | | | | |
| | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Wed Apr 23 11: | | | |
| | Acquisition finished: Wed Apr 23 11:29:43 EDT 2008 | | | |
| | | | | |
| | Complete representation of known data via generated reports was successful | | | |
| | | | | |
| Results: | | | | |
| | Assertion & Expected Result | | Actual | |
| | | | Result | |
| | A_SIMO-58 Comparison of known SIM data elements via as ex | | as expected | |
| | generated reports. | | | |
| | | | | |
| Analysis: | Expected results achieved | | | |

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

| Test Case CFI | -SIMO-02 Guidance Software Neutrino V | Version 1.4.14 | | |
|--------------------------|--|--|--------------|--|
| Case | CFT-SIMO-02 Acquire SIM internal memory and review acquired data via the | | | |
| Summary: | preview-pane. | | | |
| Assertions: | A_SIMO-59 If a cellular forensic tool successfully completes acquisitio | | | |
| | the target media (i.e., SIM) then the | | | |
| | in a human-readable format without n | modification via supporte | ed generated | |
| | report formats. | | | |
| Tester | rpa | | | |
| Name: | Manual ma | | | |
| Test Host: Test Date: | Morrisy Wed Apr 23 11:31:39 EDT 2008 | | | |
| Device: | ATT_SIM | | | |
| Source | OS: WIN XP | | | |
| Setup: | Interface: USB | | | |
| | DATA OBJECTS | DATA ELEMENTS | | |
| | Abbreviated Dialing Numbers (ADN) | | | |
| | | Maximum Length | | |
| | | Special Character | | |
| | | Blank Name | | |
| | | Regular Length - Delet | ed Number | |
| | | Foreign Entry | | |
| | Call Logs | | | |
| | | Last Numbers Dialed (L | ND) | |
| | Text Messages | | | |
| | | Incoming SMS - Read | | |
| | | Incoming SMS - Foreign | | |
| | | Incoming SMS - Deleted | | |
| | | Incoming SMS - Unread | Deed | |
| | | Incoming Foreign EMS - Incoming EMS - Deleted | | |
| | | Incoming EMS - Dereced | | |
| | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Wed Apr 23 11: | | | |
| | Acquisition finished: Wed Apr 23 11:40:41 EDT 2008 | | | |
| | Complete representation of known dat | ta via preview-pane was s | successful | |
| Results: | | | | |
| NCBUILD. | Assertion & Expected Result | | Actual | |
| | - | | Result | |
| | | | as expected | |
| | preview-pane. | | - | |
| | | | | |
| Analysis: | Expected results achieved | | | |

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

| Test Case CF1 | -SIMO-03 Guidance Software Neutrino V | Version 1.4.14 | |
|---|---|-----------------------------|------------------|
| Case | CFT-SIMO-03 Acquire SIM internal memory and compare acquired data via the | | |
| Summary: | preview-pane and supported generated | l reports. | |
| Assertions: | <pre>ertions: A_SIMO-58 If a cellular forensic tool successfully completes acqui the target media (i.e., SIM) then the tool shall present the acqui in a human-readable format without modification via supported gene report formats. A_SIMO-59 If a cellular forensic tool successfully completes acqui the target media (i.e., SIM) then the tool shall present the acqui in a human-readable format without modification via supported gene</pre> | | |
| | report formats. A_SIMO-60 If a cellular forensic too | | |
| | generated report of the acquired dat consistency of all reported data ele | — | maintain |
| Tester Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 13:50:11 EDT 2008 | | |
| Device: | ATT_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | | |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | Abbieviated Dialing Numbers (ADN) | Maximum Length | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length - Delete | d Number |
| | | | |
| | | Foreign Entry | |
| | Call Logs | | |
| | The set - Manual and a | Last Numbers Dialed (LN | D) |
| | Text Messages | The manufacture CMG - Deced | |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreign | |
| | | Incoming SMS - Deleted | |
| | | Incoming SMS - Unread | - |
| | | Incoming Foreign EMS - 1 | Read |
| | | Incoming EMS - Deleted | |
| Log Highlights: Created By Neutrino Version 1.4.14 Acquisition started: Wed Apr 23 13:50:11 EDT 2008 Acquisition finished: Wed Apr 23 14:04:06 EDT 2008 Complete representation of known data via generated reports was Complete representation of known data via preview-pane was succe | | | lccessful |
| Results: | Consistency between generated report | s and preview-pane was su | |
| | Assertion & Expected Result | | Actual Result |
| | | | as expected |
| | generated reports. | | |
| | | | as expected |
| | preview-pane. A_SIMO-60 Compare generated reports for SIM acquisition. | s and preview-pane views | as expected |
| | | | |
| Analysis: | Expected results achieved | | |

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

| Test Case CF | I-SIMO-04 Guidance Software Neutrino V | Version 1.4.14 | | |
|--------------|--|--------------------|----------------------|--|
| Case | CFT-SIMO-04 After a successful SIM | internal memory Ac | quisition, alter the | |
| Summary: | case file via third party means and attempt to re-open the case. | | | |
| Assertions: | A_SIMO-61 If modification is attempted to the case file or individual data | | | |
| | elements via third-party means then the tool shall provide protection | | | |
| | mechanisms disallowing or reporting | data modification | ı. | |
| | | | | |
| Tester Name: | rpa | | | |
| Test Host: | Morrisy | | | |
| Test Date: | Wed Apr 23 14:06:10 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 | | |
| | | | - Deleted Number | |
| | | Foreign Entry | | |
| | Call Logs | | | |
| | | Last Numbers Dia | aled (LND) | |
| | Text Messages | | | |
| | | Incoming SMS - H | | |
| | | Incoming SMS - 1 | | |
| | | Incoming SMS - I | | |
| | | Incoming SMS - U | | |
| | | Incoming Foreign | | |
| | | Incoming EMS - I | Deleted | |
| Loq | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Wed Apr 23 14: | 06:10 EDT 2008 | | |
| 5 5 *** | Acquisition finished: Wed Apr 23 14:07:49 EDT 2008 | | | |
| | | | | |
| | Notification of modified case data was successful | | | |
| | Notes: | | | |
| | EnCase reports the following error when attempting to modify a case file: | | | |
| | Error in <filename>: Invalid data cl</filename> | necksum | | |
| Results: | | · | | |
| | Assertion & Expected Result | | Actual Result | |
| | A_SIMO-61 Notification of modifed | SIM Case data. a | s expected | |
| Analysis: | Expected results achieved | | | |
| | INPECCEU TEDUTED ACHIEVEA | | | |

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

| | I-SIMO-05 Guidance Software Neutrino | | | |
|---------------------|--|-------------------------|------------------|--|
| Case | CFT-SIMO-05 Acquire SIM internal memory and review reports for recoverable | | | |
| Summary: | deleted data. A_SIMO-58 If a cellular forensic tool successfully completes acquisition of | | | |
| Assertions: | _ | | - | |
| | the target media (i.e., SIM) then the tool shall present the acquired data | | | |
| | in a human-readable format without | modification via suppor | ted generated | |
| | report formats. | | | |
| | A_SIMO-59 If a cellular forensic to | | - | |
| | the target media (i.e., SIM) then t | _ | - | |
| | in a human-readable format without | modification via suppor | ted generated | |
| | report formats. | | | |
| | A_SIMO-62 If the cellular forensic of the target SIM and recoverable d | | | |
| | shall present recoverable deleted d | | | |
| | modification. | | IOIMAC WICHOUC | |
| | A_SIMO-63 If the cellular forensic | tool successfully compl | etes acquisition | |
| | of the target SIM and recoverable d | | - | |
| | shall present recoverable deleted d | | | |
| | modification. | | IoImac wichouc | |
| | | | | |
| Tester | rpa | | | |
| Name: Test Host: | Morrisy | | | |
| Test Date: | Wed Apr 23 14:08:37 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 - Dele | ted Number | |
| | | Foreign Entry | iced Number | |
| | Call Logs | Foreign Enery | | |
| | | Last Numbers Dialed (| LND) | |
| | Text Messages | Last Mullibers Dialed | | |
| | Text Messages | Incoming SMS - Read | | |
| | | Incoming SMS - Read | m | |
| | | Incoming SMS - Polete | | |
| | | | | |
| | | Incoming SMS - Unread | | |
| | | Incoming Foreign EMS | | |
| | | Incoming EMS - Delete | ea | |
| | | | | |
| Log | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Wed Apr 23 14: | 08:37 EDT 2008 | | |
| 5 5.00 | Acquisition finished: Wed Apr 23 14:20:00 EDT 2008 | | | |
| | | | | |
| | Complete representation of known data via generated reports was successful | | | |
| | Complete representation of known data via generated reports was successful | | | |
| | Deleted SMS data was recovered | | | |
| | Deleted EMS data was recovered | | | |
| Results: | | | | |
| (esuits: | Assertion & Expected Result | | Actual | |
| | | | Result | |
| | A_SIMO-58 Comparison of known SIM | data elements via | as expected | |
| | generated reports. | | - | |
| | | data elements via | as expected | |
| | A_SIMO-59 Comparison of known SIM | | | |
| | A_SIMO-59 Comparison of known SIM preview-pane. | | ub enpecced | |
| | A_SIMO-59 Comparison of known SIM | | as expected | |
| | A_SIMO-59 Comparison of known SIM preview-pane. | messages. | - | |

| 1 | Test Case CFT | -SIMO-05 Guidance Software Neutrino Version 1.4.14 |
|---|---------------|--|
| | Analysis: | Expected results achieved |

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

| Test Case CFT | -SIMO-08 Guidance Software Neutrino V | Version 1.4.14 | | |
|---------------|---|-----------------------|------------------|--|
| Case | CFT-SIMO-08 Begin acquisition on a 1 | 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 incorrect 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 Apr 23 14:33:20 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 - De | eleted Number | |
| | | Foreign Entry | | |
| | Call Logs | | | |
| | | Last Numbers Dialed | (LND) | |
| | Text Messages | | | |
| | | Incoming SMS - Read | 1 | |
| | | Incoming SMS - Fore | eign | |
| | | Incoming SMS - Dele | eted | |
| | | Incoming SMS - Unre | ead | |
| | | Incoming Foreign EM | 1S - Read | |
| | | Incoming EMS - Dele | eted | |
| | | | | |
| Loq | Created By Neutrino Version 1.4.14 | | | |
| Highlights: | Acquisition started: Wed Apr 23 14:3 | 33:20 EDT 2008 | | |
| 5 5 5 5 | Acquisition finished: Wed Apr 23 14:42:46 EDT 2008 | | | |
| | | | | |
| | Remaining number of PIN attempts pro | operly 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 | | | |
| | T | | | |

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

| Test Case CF1 | -SIMO-09 Guidance Software Neutrino | Version 1.4.14 | |
|--|--|----------------------|---------------------------------------|
| Case Summary: | CFT-SIMO-09 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. | | |
| 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 Name: | rpa | | |
| Test Host: | Morrisy | | |
| Test Date: | Wed Apr 23 14:43:15 EDT 2008 | | |
| Device: | ATT_SIM | | |
| Source | OS: WIN XP | | |
| Setup: | Interface: USB | 1 | |
| | 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 | 1 |
| | | Incoming SMS - Fore | eign |
| | | Incoming SMS - Dele | eted |
| | | Incoming SMS - Unre | ead |
| | | Incoming Foreign EM | 1S - Read |
| | | Incoming EMS - Dele | eted |
| Loq | Created By Neutrino Version 1.4.14 | | |
| Highlights: Acquisition started: Wed Apr 23 14:43: Acquisition finished: Wed Apr 23 14:53 | | | |
| | Remaining number of PUK attempts pr | operly displayed was | successful |
| Results: | | | · · · · · · · · · · · · · · · · · · · |
| | Assertion & Expected Result | | Actual Result |
| | A_SIMO-68 Display of remaining num | ber of PUK attempts. | as expected |
| Analysis: | Expected results achieved | | |
| ÷ | | | |

5.2.62 CFT-SIMO-10 (AT&T SIM)

| | T-SIMO-10 Guidance Software Neutrino Version 1.4.14 | | |
|--------------------------|---|--------------------------|----------------|
| Case | CFT-SIMO-10 Acquire SIM internal memory and review hash values for vendor | | |
| Summary: | supported data objects. | | |
| 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 m | odification via supporte | d generated |
| | report formats. | | |
| | A_SIMO-59 If a cellular forensic too | | |
| | the target media (i.e., SIM) then th | | |
| | in a human-readable format without m | odification via supporte | d generated |
| | report formats. | | |
| | A_SIMO-69 If the cellular forensic t | | |
| | data objects then the tool shall pre | sent the user with a has | h value for |
| | each supported data object. | | |
| | | | |
| Tester James | rpa | | |
| Jame: | Morrigu | | |
| Cest Host: Cest Date: | Morrisy Wed Apr 23 14:53:48 EDT 2008 | | |
| | - | | |
| evice: | ATT_SIM | | |
| Source | OS: WIN XP | | |
| etup: | Interface: USB | | 1 |
| | DATA OBJECTS | DATA ELEMENTS | |
| | Abbreviated Dialing Numbers (ADN) | | |
| | | Maximum Length | |
| | | Special Character | |
| | | Blank Name | |
| | | Regular Length - Delete | ed Number |
| | | Foreign Entry | |
| | Call Logs | | |
| | | Last Numbers Dialed (LN | ID) |
| | Text Messages | | / |
| | | Incoming SMS - Read | |
| | | Incoming SMS - Foreign | |
| | | | |
| | | Incoming SMS - Deleted | |
| | | Incoming SMS - Unread | D 1 |
| | | Incoming Foreign EMS - | Read |
| | | Incoming EMS - Deleted | |
| | | | |
| | | | |
| lod | Created By Neutrino Version 1.4.14 | | |
| log Highlights: | Acquisition started: Wed Apr 23 14:5 | 3:48 EDT 2008 | |
| 119111191100 | Acquisition finished: Wed Apr 23 15: | | |
| | nequipición imipica, aca apr 25 15. | | |
| | Complete representation of known dat | a via generated reports | was successful |
| | Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful | | |
| | Device hash reporting for individual acquired data elements was successful | | |
| | bevice hash reporting for individual acquired data elements was successful | | |
| | Notes: | | |
| | NOTES: Contacts (ADNs), Text Messages (SMS, EMS) and Call Logs (LND) hash | | |
| | values are reported via the GUI. | | |
| | | | |
| | | | |
| Results: | | | |
| | Assertion & Expected Result | | Actual |
| | _ | | Result |
| | A SIMO-58 Comparison of known SIM d | ata elements via | as expected |
| | generated reports. | | |
| | A_SIMO-59 Comparison of known SIM d | ata elemente via | as expected |
| | preview-pane. | aca cremento via | as expected |
| | A_SIMO-69 SIM hash reporting for in | dividual acquired data | ad ownedted |
| | | uividual acquired data | as expected |
| | objects. | | |
| | | | |
| | | | |
| malysis: | 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.

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

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- 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.

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