# 1 Test Results for Mobile Device Acquisition Tool – Secure View v3.16.4

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

## *1.1 Test Results Report Key*

The following table presents an explanation of each section of the test details in section 1.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights sections for each test case are populated by excerpts taken from the log files produced by the tool under test.

| Heading | Description |
|---|---|
| First Line: | Test case ID, name, and version of tool tested. |
| Case Summary: | Test case summary from *Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014).* |
| Assertions: | The test assertions applicable to the test case, selected from *Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014).* |
| 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, SIM. |
| Source Setup: | Acquisition interface. |
| Log Highlights: | Information extracted from various log files to illustrate conformance or non-conformance to the test assertions. |

**Table 1: Test Results Report Key**

## *1.2 Test Results*

The test results are presented in this section.

### 1.2.1 MDT-01 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-01 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:50:27 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:50:27 EDT 2014<br>Acquisition finished: Wed Oct 15 14:53:23 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-01 Device connectivity via supported interfaces. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

### 1.2.2 MDT-02 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-02 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:51:12 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:51:12 EDT 2014<br>Acquisition finished: Wed Oct 15 14:54:05 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-02 Notification of device acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

### 1.2.3 MDT-03 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-03 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:51:53 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:51:53 EDT 2014<br>Acquisition finished: Wed Oct 15 14:54:28 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-03 Readability and completeness of acquired data via supported reports. | as expected |

| Analysis: | Expected results achieved |
|---|---|

### 1.2.4 MDT-04 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-04 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:52:41 EDT 2014 |
| Device: | SamsungGalaxy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:52:41 EDT 2014<br>Acquisition finished: Wed Oct 15 14:55:02 EDT 2014<br><br>IMEI was acquired<br><br>**Notes:**<br>MEID was reported as IMEI. |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.5 MDT-05 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-05 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:53:55 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:53:55 EDT 2014<br>Acquisition finished: Wed Oct 15 16:33:07 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>Internet related data was not acquired<br>Social media related data was partially acquired<br><br>**Notes**:<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Memos were not acquired.<br>Only the paths of the social media applications were acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.6 MDT-06 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-06 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:55:22 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:55:22 EDT 2014<br>Acquisition finished: Wed Oct 15 16:35:03 EDT 2014<br><br>Acquire All acquisition was successful<br><br>Select All acquisition was successful<br><br>Individual data element acquisition was successful |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.7 MDT-12 – Samsung Galaxy Note 3 (CDMA)

| **Test Case MDT-12 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:56:14 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:56:14 EDT 2014<br>Acquisition finished: Wed Oct 15 16:35:49 EDT 2014 |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| | Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-AO-08 Notification of modified device case data. — as expected |
| Analysis: | Expected results achieved |

## 1.2.8 MDT-19 – Samsung Galaxy Note 3 (CDMA)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:56:56 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:56:56 EDT 2014<br>Acquisition finished: Wed Oct 15 16:36:07 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes:**<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. — as expected |
| Analysis: | Expected results achieved |

## 1.2.9 MDT-22 – Samsung Galaxy Note 3 (CDMA)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 14 15:57:34 EDT 2014 |
| Device: | SamsungGalaxyNote3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 14 15:57:34 EDT 2014<br>Acquisition finished: Wed Oct 15 16:38:28 EDT 2014<br><br>Hash values were properly reported for individually acquired device data |

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| | elements |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

## 1.2.10 MDT-01 – Samsung Galaxy S3 (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:55:08 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:55:08 EDT 2014<br>Acquisition finished: Tue Oct 28 13:30:09 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.11 MDT-02 – Samsung Galaxy S3 (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:56:19 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:56:19 EDT 2014<br>Acquisition finished: Tue Oct 28 13:31:02 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result** |

| Test Case MDT-02 SecureView v3.16.4 | | |
|---|---|---|
| | MDT-CA-02 Notification of device acquisition disruption. | as expected |
| Analysis: | Expected results achieved | |

## 1.2.12 MDT-03 – Samsung Galaxy S3 (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:56:58 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:56:58 EDT 2014<br>Acquisition finished: Tue Oct 28 13:31:32 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

## 1.2.13 MDT-04 – Samsung Galaxy S3 (GSM)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:57:34 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:57:34 EDT 2014<br>Acquisition finished: Tue Oct 28 13:34:29 EDT 2014<br>Acquisition finished: Tue Oct 28 13:37:27 EDT 2014<br>Acquisition finished: Tue Oct 28 13:39:05 EDT 2014<br><br>MSISDN and IMEI were not acquired<br><br>**Notes**:<br>User has to manually enter the MSISDN and IMSI. |

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| | |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / Not as expected |
| Analysis: | Expected results not achieved |

## 1.2.14 MDT-05 – Samsung Galaxy S3 (GSM)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:58:09 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:58:09 EDT 2014<br>Acquisition finished: Tue Oct 28 13:42:53 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was partially acquired<br><br>**Notes**:<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>The tool was able to acquired messages from twitter only. However, pictures shared through twitter messages were not acquired. For Facebook and LinkedIn only the path was acquired.<br>Long Memos were partially acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Analysis: | Partial results achieved |

## 1.2.15 MDT-06 – Samsung Galaxy S3 (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:58:54 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:58:54 EDT 2014<br>Acquisition finished: Tue Oct 28 13:48:16 EDT 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.16 MDT-07 – Samsung Galaxy S3 (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:59:32 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: UICC |

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:59:32 EDT 2014<br>Acquisition finished: Tue Oct 28 13:50:07 EDT 2014<br><br>UICC connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-01 UICC connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

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## 51 1.2.17 MDT-08 – Samsung Galaxy S3 (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:00:00 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:00:00 EDT 2014<br>Acquisition finished: Tue Oct 28 13:50:29 EDT 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

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## 53 1.2.18 MDT-09 – Samsung Galaxy S3 (GSM)

| Test Case MDT-09 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:00:37 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:00:37 EDT 2014<br>Acquisition finished: Tue Oct 28 13:50:56 EDT 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| Test Case MDT-09 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

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## 55 1.2.19 MDT-10 – Samsung Galaxy S3 (GSM)

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:01:11 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:01:11 EDT 2014<br>Acquisition finished: Tue Oct 28 13:52:58 EDT 2014<br>Acquisition finished: Tue Oct 28 14:36:39 EDT 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps incorrectly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>Incorrect status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes:**<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. / as expected |
| Analysis: | Expected results achieved |

56

## 57 1.2.20 MDT-11 – Samsung Galaxy S3 (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the |

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| | ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:01:49 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:01:49 EDT 2014<br>Acquisition finished: Tue Oct 28 14:39:46 EDT 2014<br><br>Acquire All acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-05 Acquire-all UICC data objects acquisition. | as expected |
| MDT-AO-06 Select-all UICC data objects acquisition. | as expected |
| MDT-AO-07 Select-individual UICC data objects acquisition. | as expected |

| Analysis: | Expected results achieved |
|---|---|

58

## 59 1.2.21 MDT-12 – Samsung Galaxy S3 (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:02:25 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:02:25 EDT 2014<br>Acquisition finished: Tue Oct 28 14:40:25 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-08 Notification of modified device case data. | as expected |

| Analysis: | Expected results achieved |
|---|---|

60

## 61 1.2.22 MDT-13 – Samsung Galaxy S3 (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:03:14 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:03:14 EDT 2014<br>Acquisition finished: Tue Oct 28 14:40:53 EDT 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes:**<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

62

## 63 1.2.23 MDT-14 – Samsung Galaxy S3 (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:03:45 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:03:45 EDT 2014<br>Acquisition finished: Tue Oct 28 14:42:12 EDT 2014<br>Acquisition finished: Tue Oct 28 14:42:36 EDT 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-09 Acquisition of password protected UICC. / as expected |
| Analysis: | Expected results achieved |

64

## 65 1.2.24 MDT-15 – Samsung Galaxy S3 (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Test Date: | Fri Oct 24 14:04:55 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:04:55 EDT 2014<br>Acquisition finished: Tue Oct 28 14:42:56 EDT 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-10 Remaining number of PIN attempts properly displayed. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

66

67 ## 1.2.25 MDT-16 – Samsung Galaxy S3 (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:05:32 EDT 2014 |
| Device: | SamsungGalaxysS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:05:32 EDT 2014<br>Acquisition finished: Tue Oct 28 14:43:17 EDT 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-11 Remaining number of PUK attempts properly displayed. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

68

69 ## 1.2.26 MDT-19 – Samsung Galaxy S3 (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:06:22 EDT 2014 |

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:06:22 EDT 2014<br>Acquisition finished: Tue Oct 28 14:43:46 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| Analysis: | Partial results achieved |
|---|---|

70

## 71 1.2.27 MDT-20 – Samsung Galaxy S3 (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:07:00 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:07:00 EDT 2014<br>Acquisition finished: Tue Oct 28 14:52:17 EDT 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| Analysis: | Partial results achieved |
|---|---|

72

## 73 1.2.28 MDT-22 – Samsung Galaxy S3 (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for |

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| | individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:07:29 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:07:29 EDT 2014<br>Acquisition finished: Tue Oct 28 14:57:50 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

74

## 75 1.2.29 MDT-23 – Samsung Galaxy S3 (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 14:09:01 EDT 2014 |
| Device: | SamsungGalaxyS3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 14:09:01 EDT 2014<br>Acquisition finished: Tue Oct 28 14:58:14 EDT 2014<br><br>Hash values were properly reported for individually acquired SIM data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

76

## 77 1.2.30 MDT-01 – Samsung Galaxy S4 (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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., |

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| | cable, Bluetooth, IrDA). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:13:05 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:13:05 EST 2014<br>Acquisition finished: Mon Nov 17 10:34:37 EST 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

78

## 79 1.2.31 MDT-02 – Samsung Galaxy S4 (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:13:42 EST 2014 |
| Device: | SamsungGalacyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:13:42 EST 2014<br>Acquisition finished: Mon Nov 17 10:34:55 EST 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

80

## 81 1.2.32 MDT-03 – Samsung Galaxy S4 (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:14:15 EST 2014 |

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:14:15 EST 2014<br>Acquisition finished: Mon Nov 17 10:35:23 EST 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-03 Readability and completeness of acquired data via supported reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

82

## 83 1.2.33 MDT-04 – Samsung Galaxy S4 (GSM)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:14:44 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:14:44 EST 2014<br>Acquisition finished: Mon Nov 17 10:35:44 EST 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes**:<br>Subscriber and equipment related data (e.g. MSISDN, IMSI) have to be manually entered by the user. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

84

## 85 1.2.34 MDT-05 – Samsung Galaxy S4 (GSM)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:15:16 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:15:16 EST 2014<br>Acquisition finished: Mon Nov 17 10:37:41 EST 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>Internet related data was not acquired<br>Social media related data was partially acquired<br><br>**Notes:**<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Long memos were partially acquired.<br>Social media data was partially acquired. (Only messages from Twitter were recovered. However, pictures shared via messages were not recovered). For Facebook and LinkedIn only the path was acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

86

87 ## 1.2.35 MDT-06 – Samsung Galaxy S4 (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Test Date: | Mon Nov 17 10:15:55 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:15:55 EST 2014<br>Acquisition finished: Mon Nov 17 10:45:24 EST 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.36 MDT-08 – Samsung Galaxy S4 (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:16:34 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB: |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:16:34 EST 2014<br>Acquisition finished: Mon Nov 17 10:45:46 EST 2014<br><br>UICC connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-01 UICC connectivity via supported interfaces. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.37 MDT-08 – Samsung Galaxy S4 (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:17:04 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:17:04 EST 2014<br>Acquisition finished: Mon Nov 17 10:46:07 EST 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

92

93 ## 1.2.38 MDT-09 – Samsung Galaxy S4 (GSM)

| Test Case MDT-09 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:17:44 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:17:44 EST 2014<br>Acquisition finished: Mon Nov 17 10:46:23 EST 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

94

95 ## 1.2.39 MDT-10 – Samsung Galaxy S4 (GSM)

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:18:44 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:18:44 EST 2014<br>Acquisition finished: Mon Nov 17 10:46:45 EST 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes**:<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.40 MDT-11 – Samsung Galaxy S4 (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:19:16 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:19:16 EST 2014<br>Acquisition finished: Mon Nov 17 10:47:12 EST 2014<br><br>Acquire All acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-05 Acquire-all UICC data objects acquisition. | as expected |
| MDT-AO-06 Select-all UICC data objects acquisition. | as expected |
| MDT-AO-07 Select-individual UICC data objects acquisition. | as expected |

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

98

## 99 1.2.41 MDT-12 – Samsung Galaxy S4 (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:19:50 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:19:50 EST 2014<br>Acquisition finished: Mon Nov 17 10:47:48 EST 2014<br><br>Notification of modified device memory data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-08 Notification of modified device case data. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

100

## 101 1.2.42 MDT-13 – Samsung Galaxy S4 (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:20:23 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:20:23 EST 2014<br>Acquisition finished: Mon Nov 17 10:48:07 EST 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes**:<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-08 Notification of modified device case data. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

102

103 ## 1.2.43 MDT-14 – Samsung Galaxy S4 (GSM)

| **Test Case MDT-14 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:21:09 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:21:09 EST 2014<br>Acquisition finished: Mon Nov 17 10:48:25 EST 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-09 Acquisition of password protected UICC. / as expected |
| Analysis: | Expected results achieved |

104

105 ## 1.2.44 MDT-15 – Samsung Galaxy S4 (GSM)

| **Test Case MDT-15 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:22:13 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:22:13 EST 2014<br>Acquisition finished: Mon Nov 17 10:48:49 EST 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-10 Remaining number of PIN attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

106

107 ## 1.2.45 MDT-16 – Samsung Galaxy S4 (GSM)

| **Test Case MDT-16 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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 |

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| | incorrect value. |
| Assertions: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:23:01 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:23:01 EST 2014<br>Acquisition finished: Mon Nov 17 10:49:09 EST 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-11 Remaining number of PUK attempts properly displayed. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.46 MDT-19 – Samsung Galaxy S4 (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:23:33 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:23:33 EST 2014<br>Acquisition finished: Mon Nov 17 10:49:35 EST 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes:**<br>Active contact entry containing Chinese characters was displayed in different order. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

111 ## 1.2.47 MDT-20 – Samsung Galaxy S4 (GSM)

| **Test Case MDT-20 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:24:04 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:24:04 EST 2014<br>Acquisition finished: Mon Nov 17 10:51:05 EST 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / as expected |
| Analysis: | Expected results achieved |

112

113 ## 1.2.48 MDT-22 – Samsung Galaxy S4 (CDMA)

| **Test Case MDT-22 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:24:40 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:24:40 EST 2014<br>Acquisition finished: Mon Nov 17 10:52:40 EST 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

### 1.2.49 MDT-23- Samsung Galaxy S4 (CDMA)

| **Test Case MDT-23 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:27:28 EST 2014 |
| Device: | SamsungGalaxyS4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:27:28 EST 2014<br>Acquisition finished: Mon Nov 17 10:53:10 EST 2014<br><br>Hash values were properly reported for individually acquired SIM data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

### 1.2.50 MDT-01 – Samsung Galaxy S5 (CDMA)

| **Test Case MDT-01 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:00:56 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:02:56 EDT 2014<br>Acquisition finished: Thu Oct 9 11:20:56 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

### 1.2.51 MDT-02 – Samsung Galaxy S5 (CDMA)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:01:48 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:03:24 EDT 2014<br>Acquisition finished: Thu Oct 9 11:21:11 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

### 1.2.52 MDT-03 – Samsung Galaxy S5 (CDMA)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:02:48 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:03:55 EDT 2014<br>Acquisition finished: Thu Oct 9 11:21:22 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

### 1.2.53 MDT-04 – Samsung Galaxy S5 (CDMA)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:03:45 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:04:02 EDT 2014<br>Acquisition finished: Thu Oct 9 11:21:53 EDT 2014<br><br>IMEI was acquired<br><br>**Notes:**<br>The MSISDN was not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.54 MDT-05 – Samsung Galaxy S5 (CDMA)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:04:30 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:05:23 EDT 2014<br>Acquisition finished: Thu Oct 9 11:22:14 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was partially acquired |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | **Notes**:<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Memo entries were not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

126

127 ## 1.2.55 MDT-06 – Samsung Galaxy S5 (CDMA)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:05:32 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:05:32 EDT 2014<br>Acquisition finished: Thu Oct 9 11:22:44 EDT 2014<br><br>Acquire All acquisition was successful<br><br>Select All acquisition was successful<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

### 1.2.56 MDT-12 – Samsung Galaxy S5 (CDMA)

| **Test Case MDT-12 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:06:07 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:06:07 EDT 2014<br>Acquisition finished: Thu Oct 9 11:23:47 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

### 1.2.57 MDT-19 – Samsung Galaxy S5 (CDMA)

| **Test Case MDT-19 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:06:37 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:06:37 EDT 2014<br>Acquisition finished: Thu Oct 9 11:24:27 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.58 MDT-22 – Samsung Galaxy S5 (CDMA)

| **Test Case MDT-22 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 8 12:07:09 EDT 2014 |
| Device: | SamsungGalaxyS5_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 8 12:07:09 EDT 2014<br>Acquisition finished: Thu Oct 9 11:27:44 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

## 1.2.59 MDT-01 – HTC One (CDMA)

| **Test Case MDT-01 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:40:52 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:40:52 EDT 2014<br>Acquisition finished: Fri Oct 10 10:22:48 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.60 MDT-02 – HTC One (CDMA)

| **Test Case MDT-02 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:41:25 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:41:25 EDT 2014<br>Acquisition finished: Fri Oct 10 10:23:21 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

138

## 139 1.2.61 MDT-03 – HTC One (CDMA)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:41:57 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:41:57 EDT 2014<br>Acquisition finished: Fri Oct 10 10:23:52 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

140

## 141 1.2.62 MDT-04 – HTC One (CDMA)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:42:40 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:42:40 EDT 2014<br>Acquisition finished: Fri Oct 10 10:24:27 EDT 2014<br><br>IMEI was acquired<br><br>**Notes:**<br>The MSISDN was not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / Not as expected |
| Analysis: | Partial results not achieved |

142

## 143 1.2.63 MDT-05 – HTC One (CDMA)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:43:14 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:43:14 EDT 2014<br>Acquisition finished: Tue Oct 14 14:20:58 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was partially acquired<br><br>**Notes:**<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Memos were not acquired.<br>Only the paths of the social media applications were acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

144

145 ## 1.2.64 MDT-06 – HTC One (CDMA)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:43:50 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:43:50 EDT 2014<br>Acquisition finished: Tue Oct 14 14:24:55 EDT 2014<br><br>Acquire All acquisition was successful<br><br>Select All acquisition was successful<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

146

## 1.2.65 MDT-12 – HTC One (CDMA)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:44:24 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:44:24 EDT 2014<br>Acquisition finished: Tue Oct 14 14:25:50 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

## 1.2.66 MDT-19 – HTC One (CDMA)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:45:25 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:45:25 EDT 2014<br>Acquisition finished: Tue Oct 14 14:26:23 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / as expected |
| Analysis: | Expected results achieved |

152 ## 1.2.67 MDT-22 – HTC One (CDMA)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Thu Oct 9 11:46:00 EDT 2014 |
| Device: | HTCOne_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Thu Oct 9 11:46:00 EDT 2014<br>Acquisition finished: Tue Oct 14 15:43:34 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

153

154 ## 1.2.68 MDT-01 – HTC One (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 14:40:40 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 14:40:40 EST 2014<br>Acquisition finished: Fri Nov 14 15:18:57 EST 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

155

156 ## 1.2.69 MDT-02 – HTC One (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 14:41:15 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 14:41:15 EST 2014<br>Acquisition finished: Fri Nov 14 15:19:21 EST 2014<br><br>Device acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-02 Notification of device acquisition disruption. | as expected |

| Analysis: | Expected results achieved |
|---|---|

157

158 ## 1.2.70 MDT-03 – HTC One (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 14:41:49 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 14:41:49 EST 2014<br>Acquisition finished: Fri Nov 14 15:19:48 EST 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-03 Readability and completeness of acquired data via supported reports. | as expected |

| Analysis: | Expected results achieved |
|---|---|

159

160 ## 1.2.71 MDT-04 – HTC One (GSM)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:08:20 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:08:20 EST 2014<br>Acquisition finished: Fri Nov 14 15:20:18 EST 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes:**<br>Subscriber and equipment related data (e.g. MSISDN, IMSI) have to be manually entered by the user. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.72 MDT-05 – HTC One (GSM)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:08:52 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:08:52 EST 2014<br>Acquisition finished: Fri Nov 14 15:23:56 EST 2014<br>Acquisition finished: Fri Nov 14 15:26:04 EST 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was partially acquired |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | **Notes**:<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Long memos were partially acquired.<br>Social media data was partially acquired. (Only messages from Twitter were recovered. However, pictures shared via messages were not recovered). For Facebook and LinkedIn only the path was recovered. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| Analysis: | Partial results achieved |
|---|---|

163

## 164 1.2.73 MDT-06 – HTC One (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:10:12 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:10:12 EST 2014<br>Acquisition finished: Fri Nov 14 15:37:38 EST 2014<br><br>Acquire All acquisition was successful<br><br>Select All acquisition was successful<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.74 MDT-07 – HTC One (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:11:06 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:11:06 EST 2014<br>Acquisition finished: Fri Nov 14 15:38:29 EST 2014<br><br>UICC connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-01 UICC connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.75 MDT-08 – HTC One (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:11:38 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:11:38 EST 2014<br>Acquisition finished: Fri Nov 14 15:38:47 EST 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

170 ## 1.2.76 MDT-09 – HTC One (GSM)

| **Test Case MDT-09 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:12:09 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:12:09 EST 2014<br>Acquisition finished: Fri Nov 14 15:39:06 EST 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

171

172 ## 1.2.77 MDT-10 – HTC One (GSM)

| **Test Case MDT-10 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:12:40 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:12:40 EST 2014<br>Acquisition finished: Fri Nov 14 15:39:29 EST 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes:**<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | |

| Test Case MDT-10 SecureView v3.16.4 | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. | as expected |
| Analysis: | Expected results achieved | |

173

## 174 1.2.78 MDT-11 – HTC One (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:13:05 EST 2014 |
| Device: | HTCOne GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:13:05 EST 2014<br>Acquisition finished: Fri Nov 14 15:41:11 EST 2014<br><br>Acquire All acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-05 Acquire-all UICC data objects acquisition. — as expected<br>MDT-AO-06 Select-all UICC data objects acquisition. — as expected<br>MDT-AO-07 Select-individual UICC data objects acquisition. — as expected |
| Analysis: | Expected results achieved |

175

## 176 1.2.79 MDT-12 – HTC One (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:14:01 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:14:01 EST 2014<br>Acquisition finished: Fri Nov 14 15:41:39 EST 2014 |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| | Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

177

## 178 1.2.80 MDT-13 – HTC One (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:14:40 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:14:40 EST 2014<br>Acquisition finished: Fri Nov 14 15:42:11 EST 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes:**<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

179

## 180 1.2.81 MDT-14 – HTC One (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:15:19 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:15:19 EST 2014<br>Acquisition finished: Fri Nov 14 15:42:38 EST 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | |

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-09 Acquisition of password protected UICC. / as expected |
| Analysis: | Expected results achieved |

181

## 182 1.2.82 MDT-15 – HTC One (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:15:53 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:15:53 EST 2014<br>Acquisition finished: Fri Nov 14 15:42:57 EST 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-10 Remaining number of PIN attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

183

## 184 1.2.83 MDT-16 – HTC One (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:16:21 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:16:21 EST 2014<br>Acquisition finished: Fri Nov 14 15:43:24 EST 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-11 Remaining number of PUK attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

185

186 ## 1.2.84 MDT-19 – HTC One (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:16:58 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:16:58 EST 2014<br>Acquisition finished: Fri Nov 14 15:43:47 EST 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>Active contact entry containing Chinese characters was displayed in different order. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Partial results achieved |

187

188 ## 1.2.85 MDT-20 – HTC One (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:17:36 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:17:36 EST 2014<br>Acquisition finished: Fri Nov 14 15:44:46 EST 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed |

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| | Non-ASCII text messages were acquired and properly displayed<br><br>**Notes:**<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / as expected |
| Analysis: | Expected results achieved |

189

## 190 1.2.86 MDT-22 – HTC One (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:18:08 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:18:08 EST 2014<br>Acquisition finished: Fri Nov 14 15:49:59 EST 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

191

## 192 1.2.87 MDT-23 – HTC One (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:18:42 EST 2014 |
| Device: | HTCOne_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:18:42 EST 2014<br>Acquisition finished: Fri Nov 14 15:50:26 EST 2014 |

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| | Hash values were properly reported for individually acquired SIM data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

193

## 194 1.2.88 MDT-01 – HTC Win 8x (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Oct 24 13:33:59 EDT 2014 |
| Device: | HTCWin8x_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Oct 24 13:33:59 EDT 2014<br>Acquisition finished: Fri Oct 24 13:34:17 EDT 2014<br><br>Device Connectivity was not established via supported interface<br><br>**Notes**:<br>There is no option to select for the HTC Win8x. However, if you search for Windows OS phones an option appears as "Smartphone Windows Mobile" but it does not specify what versions of Windows it supports. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / Not as expected |
| Analysis: | Expected results not achieved |

195

## 196 1.2.89 MDT-01 – iPad (CDMA)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:14:49 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log | Created by Susteen Secure View v3.16.4 |

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Highlights: | Acquisition started: Tue Oct 21 16:14:49 EDT 2014<br>Acquisition finished: Wed Oct 22 10:36:14 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-01 Device connectivity via supported interfaces. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.90 MDT-02 – iPad (CDMA)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:15:12 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:15:12 EDT 2014<br>Acquisition finished: Wed Oct 22 10:36:43 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-02 Notification of device acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.91 MDT-03 – iPad (CDMA)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:16:23 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:16:23 EDT 2014<br>Acquisition finished: Wed Oct 22 10:37:08 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | |

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

201

## 202 1.2.92 MDT-04 – iPad (CDMA)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:16:49 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:16:49 EDT 2014<br>Acquisition finished: Wed Oct 22 10:37:56 EDT 2014<br><br>**Notes**:<br>User has to manually enter subscriber and equipment related data information. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

203

## 204 1.2.93 MDT-05 – iPad (CDMA)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:17:15 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:17:15 EDT 2014<br>Acquisition finished: Wed Oct 22 10:42:14 EDT 2014<br><br>All address book entries were successfully acquired |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was not acquired<br><br>**Notes:**<br>Active contact entry with long name was partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired.<br>Memos were not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

205
206

207 ## 1.2.94 MDT-06 – iPad (CDMA)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:17:43 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:17:43 EDT 2014<br>Acquisition finished: Wed Oct 22 11:15:57 EDT 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

208

209 ## 1.2.95 MDT-12 – iPad (CDMA)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:18:09 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:18:09 EDT 2014<br>Acquisition finished: Wed Oct 22 11:16:19 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

210

211 ## 1.2.96 MDT-19 – iPad (CDMA)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:18:36 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:18:36 EDT 2014<br>Acquisition finished: Wed Oct 22 11:16:38 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br><br>**Notes:**<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Expected results achieved |

### 1.2.97 MDT-22 – iPad (CDMA)

| **Test Case MDT-22 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 16:18:59 EDT 2014 |
| Device: | iPad_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 16:18:59 EDT 2014<br>Acquisition finished: Wed Oct 22 11:18:32 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

### 1.2.98 MDT-01 – iPad (GSM)

| **Test Case MDT-01 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:02:42 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:02:42 EST 2014<br>Acquisition finished: Mon Nov 17 13:18:14 EST 2014<br><br>Device connectivity was established via supported interface |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-01 Device connectivity via supported interfaces. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.99 MDT-02 – iPad (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:03:22 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:03:22 EST 2014<br>Acquisition finished: Mon Nov 17 13:18:30 EST 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.100 MDT-03 – iPad (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:03:51 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:03:51 EST 2014<br>Acquisition finished: Mon Nov 17 13:18:52 EST 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

## 1.2.101 MDT-04 – iPad (GSM)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:04:27 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:04:27 EST 2014<br>Acquisition finished: Mon Nov 17 13:19:08 EST 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes:**<br>Subscriber and equipment related data (e.g. MSISDN, IMSI) have to be manually entered by the user. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

222

## 223 1.2.102 MDT-05 – iPad (GSM)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:05:00 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:05:00 EST 2014<br>Acquisition finished: Mon Nov 17 13:20:24 EST 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>Internet related data was not acquired<br>Social media related data was not acquired |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | **Notes**:<br>Active contact entry with long name was partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired.<br>No memos were acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| Analysis: | Partial results achieved |
|---|---|

224

## 225 1.2.103 MDT-06 – iPad (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:05:52 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:05:52 EST 2014<br>Acquisition finished: Mon Nov 17 13:34:11 EST 2014<br><br>Individual data element acquisition was not successful<br><br>**Notes**:<br>Partial data was acquired. Only Application Data was selected for this test case and only one bookmark was acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | Not as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| Analysis: | Partial results achieved |
|---|---|

226

## 1.2.104 MDT-07 – iPad (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:06:15 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:06:15 EST 2014<br>Acquisition finished: Mon Nov 17 13:36:49 EST 2014<br><br>UICC connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-01 UICC connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.105 MDT-08 – iPad (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:07:02 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:07:02 EST 2014<br>Acquisition finished: Mon Nov 17 13:37:08 EST 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.106 MDT-09 – iPad (GSM)

| Test Case MDT-09 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the |

| Test Case MDT-09 SecureView v3.16.4 | |
|---|---|
| | target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:07:28 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:07:28 EST 2014<br>Acquisition finished: Mon Nov 17 13:37:24 EST 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.107 MDT-10 – iPad (GSM)

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:08:34 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:08:34 EST 2014<br>Acquisition finished: Mon Nov 17 13:37:45 EST 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes**:<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. | as expected |

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

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## 235 1.2.108 MDT-11 – iPad (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:09:09 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:09:09 EST 2014<br>Acquisition finished: Mon Nov 17 13:38:11 EST 2014<br><br>Acquire All acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-05 Acquire-all UICC data objects acquisition. | as expected |
| MDT-AO-06 Select-all UICC data objects acquisition. | na |
| MDT-AO-07 Select-individual UICC data objects acquisition. | na |

| | |
|---|---|
| Analysis: | Expected results achieved |

236

## 237 1.2.109 MDT-12 – iPad (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:10:25 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:10:25 EST 2014<br>Acquisition finished: Mon Nov 17 13:39:32 EST 2014<br><br>Notification of modified device memory data was successful |
| Results: | |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

## 1.2.110 MDT-13 – iPad (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:11:05 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:11:05 EST 2014<br>Acquisition finished: Mon Nov 17 13:39:50 EST 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes**:<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

## 1.2.111 MDT-14 – iPad (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:11:58 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:11:58 EST 2014<br>Acquisition finished: Mon Nov 17 13:40:07 EST 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-09 Acquisition of password protected UICC. / as expected |

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

## 1.2.112 MDT-15 – iPad (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:14:05 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:14:05 EST 2014<br>Acquisition finished: Mon Nov 17 13:40:26 EST 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-10 Remaining number of PIN attempts properly displayed. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.113 MDT-16 – iPad (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:14:28 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:14:28 EST 2014<br>Acquisition finished: Mon Nov 17 13:40:43 EST 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-11 Remaining number of PUK attempts properly displayed. | as expected |

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

246
247
248

## 249 1.2.114 MDT-19 – iPad (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:14:57 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:14:57 EST 2014<br>Acquisition finished: Mon Nov 17 13:41:01 EST 2014<br><br>Non-ASCII Address book entries were acquired and properly displayed<br>Non-ASCII text messages were acquired and properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / as expected |
| Analysis: | Expected results achieved |

250

## 251 1.2.115 MDT-20 – iPad (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:15:41 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:15:41 EST 2014<br>Acquisition finished: Mon Nov 17 13:41:24 EST 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| | |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

252

253 ## 1.2.116 MDT-22 – iPad (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:17:35 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:17:35 EST 2014<br>Acquisition finished: Mon Nov 17 13:42:10 EST 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

254 ## 1.2.117 MDT-23 – iPad (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 13:17:58 EST 2014 |
| Device: | iPad_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 13:17:58 EST 2014<br>Acquisition finished: Mon Nov 17 13:42:24 EST 2014<br><br>Hash values were properly reported for individually acquired SIM data elements |
| Results: | |

| Test Case MDT-23 SecureView v3.16.4 | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |
| Analysis: | Expected results achieved | |

255

256 ## 1.2.118 MDT-01 – iPad Mini (CDMA)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 14:59:15 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 14:59:15 EDT 2014<br>Acquisition finished: Tue Oct 21 15:54:19 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

257

258 ## 1.2.119 MDT-02 – iPad Mini (CDMA)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:00:30 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:00:30 EDT 2014<br>Acquisition finished: Tue Oct 21 15:54:46 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Analysis: | Expected results achieved |

259

## 260 1.2.120 MDT-03 – iPad Mini (CDMA)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:01:02 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:01:02 EDT 2014<br>Acquisition finished: Tue Oct 21 15:55:06 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

261

## 262 1.2.121 MDT-04 – iPad Mini (CDMA)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:01:33 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:01:33 EDT 2014<br>Acquisition finished: Tue Oct 21 15:55:38 EDT 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes**:<br>User has to manually enter subscriber and equipment related data information. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / as expected |

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

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264 ## 1.2.122 MDT-05 – iPad Mini (CDMA)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:01:58 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:01:58 EDT 2014<br>Acquisition finished: Tue Oct 21 15:57:27 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>Audio files were acquired<br>Image files were acquired<br>Video files were not acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was not acquired<br><br>**Notes**:<br>Active contact entry with long name was partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired.<br>Memos were not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

265

266 ## 1.2.123 MDT-06 – iPad Mini (CDMA)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| | MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:02:58 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:02:58 EDT 2014<br>Acquisition finished: Tue Oct 21 16:08:23 EDT 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.124 MDT-12 – iPad Mini (CDMA)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:03:29 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:03:29 EDT 2014<br>Acquisition finished: Tue Oct 21 16:08:52 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-08 Notification of modified device case data. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.125 MDT-19 – iPad Mini (CDMA)

| **Test Case MDT-19 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:04:05 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:04:05 EDT 2014<br>Acquisition finished: Tue Oct 21 16:09:10 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br><br>**Notes**:<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

## 1.2.126 MDT-22 – iPad Mini (CDMA)

| **Test Case MDT-22 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 15:04:31 EDT 2014 |
| Device: | iPadMini_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 15:04:31 EDT 2014<br>Acquisition finished: Tue Oct 21 16:11:24 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.127 MDT-01 – iPad Mini (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:13:26 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:13:26 EST 2014<br>Acquisition finished: Mon Nov 17 12:38:55 EST 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.128 MDT-02 – iPad Mini (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:14:14 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:14:14 EST 2014<br>Acquisition finished: Mon Nov 17 12:39:14 EST 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.129 MDT-03 – iPad Mini (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present |

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| | acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:14:40 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:14:40 EST 2014<br>Acquisition finished: Mon Nov 17 12:39:32 EST 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

## 1.2.130 MDT-04 – iPad Mini (GSM)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:16:51 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:16:51 EST 2014<br>Acquisition finished: Mon Nov 17 12:39:52 EST 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes:**<br>Subscriber and equipment related data (e.g. MSISDN, IMSI) have to be manually entered by the user. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

## 1.2.131 MDT-05 – iPad Mini (GSM)

| **Test Case MDT-05 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:17:30 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:17:30 EST 2014<br>Acquisition finished: Mon Nov 17 12:41:36 EST 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>Internet related data was not acquired<br>Social media related data was not acquired<br><br>**Notes**:<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Memos were not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.132 MDT-06 – iPad Mini (GSM)

| **Test Case MDT-06 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| | MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:18:25 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:18:25 EST 2014<br>Acquisition finished: Mon Nov 17 12:43:33 EST 2014<br>Acquisition finished: Mon Nov 17 13:33:24 EST 2014<br><br>Individual data element acquisition was not successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | Not as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| | |
|---|---|
| Analysis: | Expected results not achieved |

## 1.2.133 MDT-07 – iPad Mini (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:18:58 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:18:58 EST 2014<br>Acquisition finished: Mon Nov 17 12:44:14 EST 2014<br><br>UICC connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-01 UICC connectivity via supported interfaces. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

290 ## 1.2.134 MDT-08 – iPad Mini (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:20:05 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:20:05 EST 2014<br>Acquisition finished: Mon Nov 17 12:44:31 EST 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

291

292 ## 1.2.135 MDT-09 – iPad Mini (GSM)

| Test Case MDT-09 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:21:14 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:21:14 EST 2014<br>Acquisition finished: Mon Nov 17 12:44:50 EST 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

293

294 ## 1.2.136 MDT-10 – iPad Mini (GSM)

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the |

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| | target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:21:47 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:21:47 EST 2014<br>Acquisition finished: Mon Nov 17 12:45:16 EST 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes:**<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

295

296 ## 1.2.137 MDT-11 – iPad Mini (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:22:17 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:22:17 EST 2014<br>Acquisition finished: Mon Nov 17 12:45:42 EST 2014<br><br>Acquire All acquisition was successful |
| Results: | |

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-05 Acquire-all UICC data objects acquisition. / as expected<br>MDT-AO-06 Select-all UICC data objects acquisition. / na<br>MDT-AO-07 Select-individual UICC data objects acquisition. / na |
| Analysis: | Expected results achieved |

297

## 298 1.2.138 MDT-12 – iPad Mini (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:23:08 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:23:08 EST 2014<br>Acquisition finished: Mon Nov 17 12:46:02 EST 2014<br><br>Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

299

## 300 1.2.139 MDT-13 – iPad Mini (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:23:54 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:23:54 EST 2014<br>Acquisition finished: Mon Nov 17 12:46:21 EST 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes**:<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-08 Notification of modified device case data.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

301

## 302 1.2.140 MDT-14 – iPad Mini (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:25:22 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:25:22 EST 2014<br>Acquisition finished: Mon Nov 17 12:46:41 EST 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-09 Acquisition of password protected UICC.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

303

## 304 1.2.141 MDT-15 – iPad Mini (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:25:58 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:25:58 EST 2014<br>Acquisition finished: Mon Nov 17 12:46:57 EST 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td><td>as expected</td></tr></table> |

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

305

306 ## 1.2.142 MDT-16 – iPad Mini (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:26:27 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:26:27 EST 2014<br>Acquisition finished: Mon Nov 17 12:47:17 EST 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-11 Remaining number of PUK attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

307

308 ## 1.2.143 MDT-19 – iPad Mini (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:28:15 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:28:15 EST 2014<br>Acquisition finished: Mon Nov 17 12:47:34 EST 2014<br>Acquisition finished: Mon Nov 17 12:47:48 EST 2014<br><br>Non-ASCII Address book entries were acquired and properly displayed<br>Non-ASCII text messages were acquired and properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / as expected |

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

309

## 310 1.2.144 MDT-20 – iPad Mini (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:29:09 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:29:09 EST 2014<br>Acquisition finished: Mon Nov 17 12:48:10 EST 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes**:<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

311

## 312 1.2.145 MDT-22 – iPad Mini (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:37:53 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:37:53 EST 2014<br>Acquisition finished: Mon Nov 17 12:49:06 EST 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|

| Test Case MDT-22 SecureView v3.16.4 | | |
|---|---|---|
| | MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |
| Analysis: | Expected results achieved | |

313

## 314 1.2.146 MDT-23 – iPad Mini (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 12:38:36 EST 2014 |
| Device: | iPadMini_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 12:38:36 EST 2014<br>Acquisition finished: Mon Nov 17 12:49:26 EST 2014<br><br>Hash values were properly reported for individually acquired SIM data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| Analysis: | Expected results achieved |
|---|---|

315

## 316 1.2.147 MDT-01 – iPhone 5 (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:55:54 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:55:54 EST 2014<br>Acquisition finished: Mon Nov 17 11:08:37 EST 2014<br><br>Device connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-01 Device connectivity via supported interfaces. | as expected |

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

## 1.2.148 MDT-02 – iPhone 5 (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:56:23 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:56:23 EST 2014<br>Acquisition finished: Mon Nov 17 11:09:05 EST 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.149 MDT-03 – iPhone 5 (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:56:54 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:56:54 EST 2014<br>Acquisition finished: Mon Nov 17 11:09:34 EST 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

## 322 1.2.150 MDT-04- iPhone 5 (GSM)

| **Test Case MDT-04 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:57:30 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:57:30 EST 2014<br>Acquisition finished: Mon Nov 17 11:09:56 EST 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes**:<br>Subscriber and equipment related data (e.g. MSISDN, IMSI) have to be manually entered by the user. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

323

## 324 1.2.151 MDT-05 – iPhone 5 (GSM)

| **Test Case MDT-05 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:57:57 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:57:57 EST 2014<br>Acquisition finished: Mon Nov 17 11:11:16 EST 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was not acquired<br><br>**Notes:**<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Memos were not acquired.<br>Duration time for incoming calls was not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

## 1.2.152 MDT-06 – iPhone 5 (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:58:27 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:58:27 EST 2014<br>Acquisition finished: Mon Nov 17 11:15:03 EST 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.153 MDT-07 – iPhone 5 (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:59:09 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:59:09 EST 2014<br>Acquisition finished: Mon Nov 17 11:15:28 EST 2014<br><br>UICC connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-01 UICC connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.154 MDT-08 – iPhone 5 (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 10:59:42 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 10:59:42 EST 2014<br>Acquisition finished: Mon Nov 17 11:15:47 EST 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

### 1.2.155 MDT-09 – iPhone 5 (GSM)

| **Test Case MDT-09 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:00:08 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:00:08 EST 2014<br>Acquisition finished: Mon Nov 17 11:16:08 EST 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

### 1.2.156 MDT-10 – iPhone 5 (GSM)

| **Test Case MDT-10 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:00:36 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:00:36 EST 2014<br>Acquisition finished: Mon Nov 17 11:16:31 EST 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes:**<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | |

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. / as expected |
| Analysis: | Expected results achieved |

335

## 336 1.2.157 MDT-11 – iPhone 5 (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:01:02 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:01:02 EST 2014<br>Acquisition finished: Mon Nov 17 11:16:55 EST 2014<br><br>Acquire All acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-05 Acquire-all UICC data objects acquisition. / as expected<br>MDT-AO-06 Select-all UICC data objects acquisition. / na<br>MDT-AO-07 Select-individual UICC data objects acquisition. / na |
| Analysis: | Expected results achieved |

337

## 338 1.2.158 MDT-12 – iPhone 5 (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:01:40 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:01:40 EST 2014<br>Acquisition finished: Mon Nov 17 11:17:18 EST 2014 |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| | Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

339

## 340 1.2.159 MDT-13 – iPhone 5 (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:02:15 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:02:15 EST 2014<br>Acquisition finished: Mon Nov 17 11:17:38 EST 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes**:<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

341

## 342 1.2.160 MDT-14 – iPhone 5 (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:02:53 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:02:53 EST 2014<br>Acquisition finished: Mon Nov 17 11:17:56 EST 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | |

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-09 Acquisition of password protected UICC. / as expected |
| Analysis: | Expected results achieved |

343

## 344 1.2.161 MDT-15 – iPhone 5 (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:03:32 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:03:32 EST 2014<br>Acquisition finished: Mon Nov 17 11:18:20 EST 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-10 Remaining number of PIN attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

345

## 346 1.2.162 MDT-16 – iPhone 5 (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:04:07 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:04:07 EST 2014<br>Acquisition finished: Mon Nov 17 11:18:41 EST 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Test Case MDT-16 SecureView v3.16.4 | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | MDT-AO-11 Remaining number of PUK attempts properly displayed. | as expected |
| Analysis: | Expected results achieved | |

## 1.2.163 MDT-19 – iPhone 5 (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:04:40 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:04:40 EST 2014<br>Acquisition finished: Mon Nov 17 11:19:06 EST 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were not acquired.<br><br>**Notes**:<br>Active contact entry containing Chinese characters was displayed in different order. |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.164 MDT-20 – iPhone 5 (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:07:11 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:07:11 EST 2014<br>Acquisition finished: Mon Nov 17 11:20:16 EST 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed |

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| | **Notes**:<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Partial results achieved |

351

352 ## 1.2.165 MDT-22 – iPhone 5 (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:07:44 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:07:44 EST 2014<br>Acquisition finished: Mon Nov 17 11:21:32 EST 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

353

354 ## 1.2.166 MDT-23 – iPhone 5 (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Nov 17 11:08:19 EST 2014 |
| Device: | iPhone5_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Nov 17 11:08:19 EST 2014<br>Acquisition finished: Mon Nov 17 11:22:00 EST 2014 |

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| | Hash values were properly reported for individually acquired SIM data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

355

356 ## 1.2.167 MDT-01 – iPhone 5S (CDMA)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:56:39 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:56:39 EDT 2014<br>Acquisition finished: Tue Oct 21 13:58:06 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

357

358 ## 1.2.168 MDT-02 – iPhone 5S (CDMA)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:57:15 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:57:15 EDT 2014<br>Acquisition finished: Tue Oct 21 13:58:31 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | |

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

359

## 360 1.2.169 MDT-03 – iPhone 5S (CDMA)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:57:46 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:57:46 EDT 2014<br>Acquisition finished: Tue Oct 21 13:58:49 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

361

## 362 1.2.170 MDT-04 – iPhone 5S (CDMA)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:58:22 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:58:22 EDT 2014<br>Acquisition finished: Tue Oct 21 13:59:14 EDT 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes**:<br>User has to manually enter subscriber and equipment related data information. |
| Results: | |

| Test Case MDT-04 SecureView v3.16.4 | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. | as expected |
| Analysis: | Expected results achieved | |

363

## 364 1.2.171 MDT-05 – iPhone 5S (CDMA)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:58:53 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:58:53 EDT 2014<br>Acquisition finished: Tue Oct 21 14:02:35 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>Partial Text messages were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>All Internet related data was acquired<br>Social media related data was not acquired<br><br>**Notes**:<br>Active contact entry with long name was partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired.<br>Duration times for dialed calls were not acquired.<br>Incoming calls status flags were incorrectly identified as missed.<br>Memos not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

365

366 ## 1.2.172 MDT-06 – iPhone 5S (CDMA)

| **Test Case MDT-06 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:59:26 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:59:26 EDT 2014<br>Acquisition finished: Tue Oct 21 14:29:39 EDT 2014<br>Acquisition finished: Tue Oct 21 14:35:08 EDT 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| **Assertion & Expected Result** | **Actual Result** |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| | |
|---|---|
| Analysis: | Expected results achieved |

367

368 ## 1.2.173 MDT-12 – iPhone 5S (CDMA)

| **Test Case MDT-12 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 10:00:29 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 10:00:29 EDT 2014<br>Acquisition finished: Tue Oct 21 14:35:36 EDT 2014<br><br>Notification of modified device memory data was successful |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-08 Notification of modified device case data.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

369

## 370 1.2.174 MDT-19 – iPhone 5S (CDMA)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 10:01:00 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 10:01:00 EDT 2014<br>Acquisition finished: Tue Oct 21 14:35:59 EDT 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were not acquired<br><br>**Notes:**<br>Non-ASCII characters displayed in different order for address book entries. |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td><td>Not as expected</td></tr></table> |
| Analysis: | Partial results achieved |

371

## 372 1.2.175 MDT-22 – iPhone 5S (CDMA)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 10:01:33 EDT 2014 |
| Device: | iPhone5S_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 10:01:33 EDT 2014<br>Acquisition finished: Tue Oct 21 14:43:26 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Test Case MDT-22 SecureView v3.16.4 | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |
| Analysis: | Expected results achieved | |

373

## 374 1.2.176 MDT-01 – LG Extrovert (CDMA)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Tue Oct 21 09:49:57 EDT 2014 |
| Device: | LGExtrovert_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Tue Oct 21 09:49:57 EDT 2014<br>Acquisition finished: Tue Oct 21 09:51:57 EDT 2014<br><br>Device Connectivity was not established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / Not as expected |
| Analysis: | Expected results not achieved |

375

## 376 1.2.177 MDT-01 – Nexus 4 (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:53:31 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:53:31 EST 2014<br>Acquisition finished: Fri Nov 14 16:09:42 EST 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

## 1.2.178 MDT-02 – Nexus 4 (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:54:34 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:54:34 EST 2014<br>Acquisition finished: Fri Nov 14 16:09:55 EST 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.179 MDT-03 – Nexus 4 (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:55:03 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:55:03 EST 2014<br>Acquisition finished: Fri Nov 14 16:10:00 EST 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |
| Analysis: | Expected results achieved |

## 382 1.2.180 MDT-04 – Nexus 4 (GSM)

| **Test Case MDT-04 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:55:54 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:55:54 EST 2014<br>Acquisition finished: Fri Nov 14 16:10:30 EST 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired<br><br>**Notes**:<br>Subscriber and equipment related data (e.g. MSISDN, IMSI) have to be manually entered by the user. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

383

## 384 1.2.181 MDT-05 – Nexus 4 (GSM)

| **Test Case MDT-05 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:56:35 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:56:35 EST 2014<br>Acquisition finished: Fri Nov 14 16:12:25 EST 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported<br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | ALL MMS messages (Audio, Image, Video) were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br>All application data was acquired<br>Internet related data was partially acquired<br>Social media related data was partially acquired<br><br>**Notes**:<br>Active contact entries with long name (maximum length) were partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name (regular length) containing a middle name was partially acquired. Middle name was not acquired.)<br>Memos were not acquired.<br>Social media data was partially acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

385

386 ## 1.2.182 MDT-06 – Nexus 4 (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:57:07 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:57:07 EST 2014<br>Acquisition finished: Fri Nov 14 16:19:24 EST 2014<br><br>Acquire All acquisition was successful<br><br>Select All acquisition was successful<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | as expected |
| MDT-CA-07 Select-all mobile device data objects acquisition. | as expected |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |

| Test Case MDT-06 SecureView v3.16.4 | | |
|---|---|---|
| | MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | as expected |
| Analysis: | Expected results achieved | |

387

## 388 1.2.183 MDT-07 – Nexus 4 (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 15:57:45 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 15:57:45 EST 2014<br>Acquisition finished: Fri Nov 14 16:19:50 EST 2014<br><br>UICC connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-01 UICC connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

389

## 390 1.2.184 MDT-08 – Nexus 4 (GSM)

| Test Case MDT-08 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:02:07 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:02:07 EST 2014<br>Acquisition finished: Fri Nov 14 16:20:06 EST 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

### 1.2.185 MDT-09 – Nexus 4 (GSM)

| **Test Case MDT-09 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:02:37 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:02:37 EST 2014<br>Acquisition finished: Fri Nov 14 16:21:03 EST 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

### 1.2.186 MDT-10 – Nexus 4 (GSM)

| **Test Case MDT-10 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:03:08 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:03:08 EST 2014<br>Acquisition finished: Fri Nov 14 16:21:47 EST 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes:**<br>Date/time stamps were not acquired for LNDs. |

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| | Status flags for text messages were not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. / as expected |
| Analysis: | Expected results achieved |

## 1.2.187 MDT-11 – Nexus 4 (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:03:37 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:03:37 EST 2014<br>Acquisition finished: Fri Nov 14 16:22:19 EST 2014<br><br>Acquire All acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-05 Acquire-all UICC data objects acquisition. / as expected<br>MDT-AO-06 Select-all UICC data objects acquisition. / na<br>MDT-AO-07 Select-individual UICC data objects acquisition. / na |
| Analysis: | Expected results achieved |

## 1.2.188 MDT-12 – Nexus 4 (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:04:28 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:04:28 EST 2014<br>Acquisition finished: Fri Nov 14 16:22:40 EST 2014<br><br>Notification of modified device memory data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

399

## 400 1.2.189 MDT-13 – Nexus 4 (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:05:05 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:05:05 EST 2014<br>Acquisition finished: Fri Nov 14 16:23:07 EST 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes**:<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

401

## 402 1.2.190 MDT-14 – Nexus 4 (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:05:28 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:05:28 EST 2014<br>Acquisition finished: Fri Nov 14 16:23:43 EST 2014 |

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| | Ability to enter PIN on protected media before acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-AO-09 Acquisition of password protected UICC. / as expected |
| Analysis: | Expected results achieved |

403

## 404 1.2.191 MDT-15 – Nexus 4 (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:06:14 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:06:14 EST 2014<br>Acquisition finished: Fri Nov 14 16:24:00 EST 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**: MDT-AO-10 Remaining number of PIN attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

405

## 406 1.2.192 MDT-16 – Nexus 4 (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:06:57 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:06:57 EST 2014<br>Acquisition finished: Fri Nov 14 16:24:17 EST 2014<br><br>Remaining number of PUK attempts were properly displayed |

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| | |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-11 Remaining number of PUK attempts properly displayed. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.193 MDT-19 – Nexus 4 (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:07:32 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:07:32 EST 2014<br>Acquisition finished: Fri Nov 14 16:24:45 EST 2014<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes:**<br>Active contact entry containing Chinese characters was displayed in different order. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

## 1.2.194 MDT-20 – Nexus 4 (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:08:13 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:08:13 EST 2014<br>Acquisition finished: Fri Nov 14 16:26:17 EST 2014 |

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| | Non-ASCII ADNs were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed<br><br>**Notes:**<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Partial results achieved |

411

## 412 1.2.195 MDT-22 – Nexus 4 (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:08:46 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:08:46 EST 2014<br>Acquisition finished: Fri Nov 14 16:27:36 EST 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

413

## 414 1.2.196 MDT-23 – Nexus 4 (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Fri Nov 14 16:09:15 EST 2014 |
| Device: | Nexus4_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Fri Nov 14 16:09:15 EST 2014 |

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| | Acquisition finished: Fri Nov 14 16:27:59 EST 2014<br><br>Hash values were properly reported for individually acquired SIM data elements |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-15 Hash values for individual data and case presented in a useable format. / as expected |
| Analysis: | Expected results achieved |

415

## 416 1.2.197 MDT-01 – Samsung Rugby III (GSM)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 11:31:39 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 11:31:39 EDT 2014<br>Acquisition finished: Thu Oct 23 13:53:01 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

417

## 418 1.2.198 MDT-02 – Samsung Rugby III (GSM)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:39:27 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:39:27 EDT 2014<br>Acquisition finished: Thu Oct 23 13:53:55 EDT 2014<br><br>Device acquisition disruption notification was successful |

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-02 Notification of device acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.199 MDT-03 – Samsung Rugby III (GSM)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:40:03 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:40:03 EDT 2014<br>Acquisition finished: Thu Oct 23 13:54:20 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-03 Readability and completeness of acquired data via supported reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 1.2.200 MDT-04 – Samsung Rugby III (GSM)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:40:40 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:40:40 EDT 2014<br>Acquisition finished: Thu Oct 23 13:54:51 EDT 2014<br><br>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|

| Test Case MDT-04 SecureView v3.16.4 | | |
|---|---|---|
| | MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. | as expected |
| Analysis: | Expected results achieved | |

## 1.2.201 MDT-05 – Samsung Rugby III (GSM)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:41:14 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:41:14 EDT 2014<br>Acquisition finished: Thu Oct 23 13:55:18 EDT 2014<br><br>All address book entries were successfully acquired<br>Basic PIM related data was acquired<br>Partial Maximum length PIM related data was acquired<br>Audio MMS messages were not acquired<br>Image MMS messages were acquired<br>Video MMS messages were acquired<br>ALL stand-alone data files (Audio, Image, Video) were acquired<br><br>**Notes**:<br>Active contact entry with long name was partially acquired. Only the first name and very last name were acquired, everything in between was not acquired.<br>Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.202 MDT-06 – Samsung Rugby III (GSM)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. |

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| | MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:41:51 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:41:51 EDT 2014<br>Acquisition finished: Thu Oct 23 14:00:37 EDT 2014<br><br>Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-06 Acquire-all mobile device data objects acquisition. | na |
| MDT-CA-07 Select-all mobile device data objects acquisition. | na |
| MDT-CA-08 Select-individual mobile device data objects acquisition. | as expected |
| MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. | na |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.203 MDT-07 – Samsung Rugby III (GSM)

| Test Case MDT-07 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:42:26 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:42:26 EDT 2014<br>Acquisition finished: Thu Oct 23 14:01:09 EDT 2014<br><br>UICC connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-01 UICC connectivity via supported interfaces. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.204 MDT-08 – Samsung Rugby III (GSM)

| **Test Case MDT-08 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:43:23 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:43:23 EDT 2014<br>Acquisition finished: Thu Oct 23 14:13:53 EDT 2014<br><br>Media acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-02 Notification of SIM acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.205 MDT-09 – Samsung Rugby III (GSM)

| **Test Case MDT-09 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). |
| Assertions: | MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:43:52 EDT 2014 |
| Device: | SamsungRUgby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:43:52 EDT 2014<br>Acquisition finished: Thu Oct 23 14:14:27 EDT 2014<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. / as expected |
| Analysis: | Expected results achieved |

## 1.2.206 MDT-10 – Samsung Rugby III (GSM)

| **Test Case MDT-10 SecureView v3.16.4** | |
|---|---|
| Case Summary: | MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI). |

| Test Case MDT-10 SecureView v3.16.4 | |
|---|---|
| Assertions: | MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:44:40 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:44:40 EDT 2014<br>Acquisition finished: Thu Oct 23 14:14:56 EDT 2014<br>Acquisition finished: Thu Oct 23 14:16:38 EDT 2014<br><br>All ADNs were acquired<br>LNDs were acquired<br>Date/Time Stamps incorrectly reported for LNDs<br>ALL text messages (SMS, EMS) were acquired<br>Incorrect status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported<br>Deleted text message data was recovered<br>LOCI data was acquired<br>GPRSLOCI data was acquired<br><br>**Notes**:<br>Date/time stamps were not acquired for LNDs.<br>Status flags for text messages were not acquired. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

435

## 436 1.2.207 MDT-11 – Samsung Rugby III (GSM)

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-11 Acquire UICC memory by selecting a combination of supported data elements. |
| Assertions: | MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:45:11 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:45:11 EDT 2014<br>Acquisition finished: Thu Oct 23 16:01:21 EDT 2014<br><br>Acquire All acquisition was successful |

| Test Case MDT-11 SecureView v3.16.4 | |
|---|---|
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-05 Acquire-all UICC data objects acquisition. | as expected |
| MDT-AO-06 Select-all UICC data objects acquisition. | na |
| MDT-AO-07 Select-individual UICC data objects acquisition. | na |

| Analysis: | Expected results achieved |
|---|---|

437

## 438 1.2.208 MDT-12 – Samsung Rugby III (GSM)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:45:43 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:45:43 EDT 2014<br>Acquisition finished: Thu Oct 23 16:01:48 EDT 2014<br>Acquisition finished: Thu Oct 23 16:02:05 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-08 Notification of modified device case data. | as expected |

| Analysis: | Expected results achieved |
|---|---|

439

## 440 1.2.209 MDT-13 – Samsung Rugby III (GSM)

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:46:23 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:46:23 EDT 2014<br>Acquisition finished: Thu Oct 23 16:02:25 EDT 2014<br><br>Notification of modified SIM data was successful<br><br>**Notes**:<br>No error message when saved case was modified and re-opened. However, data shown when reopening the case was intact. |

| Test Case MDT-13 SecureView v3.16.4 | |
|---|---|
| | |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-08 Notification of modified device case data. / as expected |
| Analysis: | Expected results achieved |

441

## 442 1.2.210 MDT-14 – Samsung Rugby III (GSM)

| Test Case MDT-14 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-14 Attempt acquisition of a password-protected UICC. |
| Assertions: | MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:46:57 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:46:57 EDT 2014<br>Acquisition finished: Thu Oct 23 16:04:00 EDT 2014<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-09 Acquisition of password protected UICC. / as expected |
| Analysis: | Expected results achieved |

443

## 444 1.2.211 MDT-15 – Samsung Rugby III (GSM)

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:47:29 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:47:29 EDT 2014<br>Acquisition finished: Thu Oct 23 16:04:21 EDT 2014<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-10 Remaining number of PIN attempts properly displayed. / as expected |

| Test Case MDT-15 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

## 1.2.212 MDT-16 – Samsung Rugby III (GSM)

| Test Case MDT-16 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-16 Begin acquisition on a UICC 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: | MDT-AO-11 If a mobile device 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: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:48:01 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:48:01 EDT 2014<br>Acquisition finished: Thu Oct 23 16:04:47 EDT 2014<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-11 Remaining number of PUK attempts properly displayed. / as expected |
| Analysis: | Expected results achieved |

## 1.2.213 MDT-19 – Samsung Rugby III (GSM)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:48:37 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:48:37 EDT 2014<br>Acquisition finished: Thu Oct 23 16:05:09 EDT 2014<br><br>Non-ASCII Address book entries were not acquired<br><br>**Notes**:<br>Question marks (????) were displayed instead of the non-ASCII characters (Chinese characters). However, information associated with this entry (i.e., phone number) was acquired. |
| Results: | |

| Test Case MDT-19 SecureView v3.16.4 | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | Not as expected |
| Analysis: | Expected results not achieved | |

449

## 450 1.2.214 MDT-20 – Samsung Rugby III (GSM)

| Test Case MDT-20 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-20 Acquire UICC memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:52:45 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:52:45 EDT 2014<br>Acquisition finished: Thu Oct 23 16:07:26 EDT 2014<br><br>Non-ASCII ADNs were acquired but not properly displayed<br><br>**Notes**:<br>French contact entry was partially acquired. Aur==lien was acquired instead of Aurèlien. |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected |
| Analysis: | Partial results achieved |

451

## 452 1.2.215 MDT-22 – Samsung Rugby III (GSM)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:53:28 EDT 2014 |
| Device: | SamsungRUgby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:53:28 EDT 2014<br>Acquisition finished: Thu Oct 23 16:15:42 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

453

## 454 1.2.216 MDT-23 – Samsung Rugby III (GSM)

| Test Case MDT-23 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-23 Acquire UICC memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Wed Oct 22 13:54:00 EDT 2014 |
| Device: | SamsungRugby3_GSM |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: USB |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Wed Oct 22 13:54:00 EDT 2014<br>Acquisition finished: Thu Oct 23 16:16:06 EDT 2014<br><br>Hash values were properly reported for individually acquired SIM data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

455

## 456 1.2.217 MDT-01 – Samsung Convoy 3 (CDMA)

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA). |
| Assertions: | MDT-CA-01 If a mobile device 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). |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 09:59:59 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Oct 20 09:59:59 EDT 2014<br>Acquisition finished: Mon Oct 20 11:27:06 EDT 2014<br><br>Device connectivity was established via supported interface |
| Results: | |

| Test Case MDT-01 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-01 Device connectivity via supported interfaces. / as expected |
| Analysis: | Expected results achieved |

## 1.2.218 MDT-02 – Samsung Convoy 3 (CDMA)

| Test Case MDT-02 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:02:31 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Oct 20 10:02:31 EDT 2014<br>Acquisition finished: Mon Oct 20 11:27:33 EDT 2014<br><br>Device acquisition disruption notification was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-02 Notification of device acquisition disruption. / as expected |
| Analysis: | Expected results achieved |

## 1.2.219 MDT-03 – Samsung Convoy 3 (CDMA)

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:03:07 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Oct 20 10:03:07 EDT 2014<br>Acquisition finished: Mon Oct 20 11:27:55 EDT 2014<br><br>Readability and completeness of acquired data was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-03 Readability and completeness of acquired data via supported reports. / as expected |

| Test Case MDT-03 SecureView v3.16.4 | |
|---|---|
| | |
| Analysis: | Expected results achieved |

## 1.2.220 MDT-04 – Samsung Convoy 3 (CDMA)

| Test Case MDT-04 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN). |
| Assertions: | MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:03:45 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Oct 20 10:03:45 EDT 2014<br>Acquisition finished: Mon Oct 20 11:28:30 EDT 2014<br><br>MEID/ESN was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 1.2.221 MDT-05 – Samsung Convoy 3 (CDMA)

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites). |
| Assertions: | MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 16:27:09 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Susteen Secure View v3.16.4<br>Acquisition started: Mon Oct 20 16:27:09 EDT 2014<br>Acquisition finished: Mon Oct 20 16:27:34 EDT 2014<br><br>All address book entries were successfully acquired<br><br>**Notes**:<br>Graphic files associated with contact entries were not acquired.<br>Contact entry containing a maximum length of characters was partially acquired. |
| Results: | |

| Test Case MDT-05 SecureView v3.16.4 | |
|---|---|
| | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format. / Not as expected |
| Analysis: | Partial results achieved |

## 1.2.222 MDT-06 – Samsung Convoy 3 (CDMA)

| Test Case MDT-06 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.<br>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.<br>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:05:05 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Access Data MPE+ v5.5.2.60<br>Acquisition started: Mon Oct 20 10:05:05 EDT 2014<br>Acquisition finished: Mon Oct 20 16:30:57 EDT 2014<br><br>Individual data element acquisition was successful |
| Results: | **Assertion & Expected Result** / **Actual Result**<br>MDT-CA-06 Acquire-all mobile device data objects acquisition. / na<br>MDT-CA-07 Select-all mobile device data objects acquisition. / na<br>MDT-CA-08 Select-individual mobile device data objects acquisition. / as expected<br>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications. / na |
| Analysis: | Expected results achieved |

## 1.2.223 MDT-12 – Samsung Convoy 3 (CDMA)

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. |
| Assertions: | MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:05:49 EDT 2014 |

| Test Case MDT-12 SecureView v3.16.4 | |
|---|---|
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Access Data MPE+ v5.5.2.60<br>Acquisition started: Mon Oct 20 10:05:49 EDT 2014<br>Acquisition finished: Mon Oct 20 16:31:28 EDT 2014<br><br>Notification of modified device memory data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-08 Notification of modified device case data. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

469

## 470 1.2.224 MDT-19 – Samsung Convoy 3 (CDMA)

| Test Case MDT-19 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters. |
| Assertions: | MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:06:18 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log Highlights: | Created by Access Data MPE+ v5.5.2.60<br>Acquisition started: Mon Oct 20 10:06:18 EDT 2014<br>Acquisition finished: Mon Oct 20 16:31:51 EDT 2014<br><br>Non-ASCII Address book entries were acquired and properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

471

## 472 1.2.225 MDT-22 – Samsung Convoy 3 (CDMA)

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Case Summary: | MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | jrr |
| Test Host: | pN100919 |
| Test Date: | Mon Oct 20 10:06:55 EDT 2014 |
| Device: | SamsungConvoy3_CDMA |
| Source Setup: | OS: WIN 7 v6.1.7601<br>Interface: cable |
| Log | Created by Access Data MPE+ v5.5.2.60 |

| Test Case MDT-22 SecureView v3.16.4 | |
|---|---|
| Highlights: | Acquisition started: Mon Oct 20 10:06:55 EDT 2014<br>Acquisition finished: Mon Oct 20 16:32:49 EDT 2014<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| MDT-AO-15 Hash values for individual data and case presented in a useable format. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

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