

1 1 Test Results for Mobile Device Acquisition Tool – 2 EnCase Smartphone v7.10.00.103

3 The main item of interest for interpreting the test results is determining the conformance
4 of the tool under test. Conformance with each assertion tested by a given test case is
5 evaluated by examining the **Log Highlights** box of the test report.
6

7 1.1 Test Results Report Key

8 The following table presents an explanation of each section of the test details in section
9 1.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights
10 sections for each test case are populated by excerpts taken from the log files produced by
11 the tool under test.
12
13

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from <i>Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014)</i> .
Assertions:	The test assertions applicable to the test case, selected from <i>Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014)</i> .
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
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.

14 **Table 1: Test Results Report Key**
15

16 **1.2 Test Results**

17 The test results are presented in this section.

18

19 **1.2.1 MDT-01 – Samsung Galaxy S3**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 12:58:58 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 12:58:58 EDT 2014 Acquisition finished: Wed Oct 1 13:02:14 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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21 **1.2.2 MDT-02 – Samsung Galaxy S3**

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 12:59:29 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 12:59:29 EDT 2014 Acquisition finished: Wed Oct 1 13:17:43 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

22

23 **1.2.3 MDT-03 – Samsung Galaxy S3**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 12:59:55 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 12:59:55 EDT 2014 Acquisition finished: Wed Oct 1 13:19:08 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

24

25 **1.2.4 MDT-04 – Samsung Galaxy S3**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:00:26 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:00:26 EDT 2014 Acquisition finished: Wed Oct 1 13:26:30 EDT 2014 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
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				

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1.2.5 MDT-05 – Samsung Galaxy S3

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:01:54 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:01:54 EDT 2014 Acquisition finished: Wed Oct 1 13:26:42 EDT 2014</p> <p>All address book entries were successfully acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Long memos were not reported. Social media related data was not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

31 **1.2.6 MDT-06 – Samsung Galaxy S3**

Test Case MDT-06 EnCase v7.10.00.103											
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. 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. 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. 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:	rpa										
Test Host:	p644381										
Test Date:	Wed Oct 1 13:02:21 EDT 2014										
Device:	GalaxyS3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:02:21 EDT 2014 Acquisition finished: Wed Oct 1 13:26:52 EDT 2014 Individual data element acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

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33 **1.2.7 MDT-07 – Samsung Galaxy S3**

Test Case MDT-07 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:04:40 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:04:40 EDT 2014 Acquisition finished: Wed Oct 1 13:27:54 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 EnCase v7.10.00.103					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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35 1.2.8 MDT-08 – Samsung Galaxy S3

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:05:07 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:05:07 EDT 2014 Acquisition finished: Wed Oct 1 13:28:02 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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37 1.2.9 MDT-09 – Samsung Galaxy S3

Test Case MDT-09 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:08:55 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:08:55 EDT 2014 Acquisition finished: Wed Oct 1 13:28:12 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				

Test Case MDT-09 EnCase v7.10.00.103	
Analysis:	Expected results achieved

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39 **1.2.10 MDT-10 – Samsung Galaxy S3**

Test Case MDT-10 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:09:27 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:09:27 EDT 2014 Acquisition finished: Wed Oct 1 13:28:19 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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				

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41 **1.2.11 MDT-11 – Samsung Galaxy S3**

Test Case MDT-11 EnCase v7.10.00.103	
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. 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. 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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:10:20 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB

Test Case MDT-11 EnCase v7.10.00.103									
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:10:20 EDT 2014 Acquisition finished: Wed Oct 1 13:28:26 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected								
Analysis:	Expected results achieved								

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43 1.2.12 MDT-12 – Samsung Galaxy S3

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:02:45 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:02:45 EDT 2014 Acquisition finished: Wed Oct 1 13:27:03 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified without warning when re-opening the test case. The case file was modified with a hex editor, re-opened and modifications were present.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results not achieved				

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45 1.2.13 MDT-13 – Samsung Galaxy S3

Test Case MDT-13 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:10:44 EDT 2014

Test Case MDT-13 EnCase v7.10.00.103					
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:10:44 EDT 2014 Acquisition finished: Wed Oct 1 13:28:33 EDT 2014 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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47 1.2.14 MDT-14 – Samsung Galaxy S3

Test Case MDT-14 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:11:10 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:11:10 EDT 2014 Acquisition finished: Wed Oct 1 13:28:43 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

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49 1.2.15 MDT-15 – Samsung Galaxy S3

Test Case MDT-15 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:11:42 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:11:42 EDT 2014

Test Case MDT-15 EnCase v7.10.00.103					
	Acquisition finished: Wed Oct 1 13:28:50 EDT 2014 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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51 **1.2.16 MDT-16 – Samsung Galaxy S3**

Test Case MDT-16 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:12:06 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:12:06 EDT 2014 Acquisition finished: Wed Oct 1 13:29:01 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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53 **1.2.17 MDT-19 – Samsung Galaxy S3**

Test Case MDT-19 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:03:12 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:03:12 EDT 2014 Acquisition finished: Wed Oct 1 13:27:31 EDT 2014

Test Case MDT-19 EnCase v7.10.00.103					
	Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

54

55 **1.2.18 MDT-20 – Samsung Galaxy S3**

Test Case MDT-20 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:12:31 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:12:31 EDT 2014 Acquisition finished: Wed Oct 1 13:29:10 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

56

57 **1.2.19 MDT-22 – Samsung Galaxy S3**

Test Case MDT-22 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:03:40 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:03:40 EDT 2014 Acquisition finished: Wed Oct 1 13:27:40 EDT 2014 Hash values were properly reported for individually acquired device data

Test Case MDT-22 EnCase v7.10.00.103					
	elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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				

58

59 1.2.20 MDT-23 – Samsung Galaxy S3

Test Case MDT-23 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:12:56 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:12:56 EDT 2014 Acquisition finished: Wed Oct 1 13:29:18 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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61 1.2.21 MDT-24 – Samsung Galaxy S3

Test Case MDT-24 EnCase v7.10.00.103	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:04:12 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:04:12 EDT 2014 Acquisition finished: Wed Oct 1 13:27:47 EDT 2014 GPS Coordinate data was successfully acquired
Results:	

Test Case MDT-24 EnCase v7.10.00.103		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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63 **1.2.22 MDT-01 – Samsung Galaxy S4**

Test Case MDT-01 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Thu Oct 2 08:04:34 EDT 2014					
Device:	GalaxyS4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:04:34 EDT 2014 Acquisition finished: Thu Oct 2 08:16:39 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

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65 **1.2.23 MDT-02 – Samsung Galaxy S4**

Test Case MDT-02 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Thu Oct 2 08:05:04 EDT 2014					
Device:	GalaxyS4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:05:04 EDT 2014 Acquisition finished: Thu Oct 2 08:16:47 EDT 2014 Device acquisition disruption notification was successful					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-02 Notification of device acquisition disruption.	as expected					
Analysis:	Expected results achieved					

66 **1.2.24 MDT-03 – Samsung Galaxy S4**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:05:27 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:05:27 EDT 2014 Acquisition finished: Thu Oct 2 08:16:53 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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68 **1.2.25 MDT-04 – Samsung Galaxy S4**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:05:50 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:05:50 EDT 2014 Acquisition finished: Thu Oct 2 08:17:00 EDT 2014 IMEI was acquired Notes: MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

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1.2.26 MDT-05 – Samsung Galaxy S4

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:06:08 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:06:08 EDT 2014 Acquisition finished: Thu Oct 2 08:17:09 EDT 2014</p> <p>All address book entries were successfully acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memos were not reported. Internet related data i.e., bookmarks were not reported. Social media related data was not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

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1.2.27 MDT-06 – Samsung Galaxy S4

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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. 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. 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. MDT-CA-09 If a mobile device forensic tool completes two consecutive</p>

Test Case MDT-06 EnCase v7.10.00.103											
	logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Thu Oct 2 08:06:28 EDT 2014										
Device:	GalaxyS4										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:06:28 EDT 2014 Acquisition finished: Thu Oct 2 08:17:16 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
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.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

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74 **1.2.28 MDT-07 – Samsung Galaxy S4**

Test Case MDT-07 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:08:10 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:08:10 EDT 2014 Acquisition finished: Thu Oct 2 08:17:51 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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78 **1.2.29 MDT-08 – Samsung Galaxy S4**

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:08:28 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:08:28 EDT 2014 Acquisition finished: Thu Oct 2 08:17:58 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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80 **1.2.30 MDT-09 – Samsung Galaxy S4**

Test Case MDT-09 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:08:50 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:08:50 EDT 2014 Acquisition finished: Thu Oct 2 08:18:05 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
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				

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85 **1.2.31 MDT-10 – Samsung Galaxy S4**

Test Case MDT-10 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:09:07 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:09:07 EDT 2014 Acquisition finished: Thu Oct 2 08:18:50 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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				

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87 **1.2.32 MDT-11 – Samsung Galaxy S4**

Test Case MDT-11 EnCase v7.10.00.103	
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. 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. 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:	rpa
Test Host:	p644381
Test Date:	Thu Oct 2 08:09:24 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:09:24 EDT 2014 Acquisition finished: Thu Oct 2 08:19:18 EDT 2014 Individual data element acquisition was successful

Test Case MDT-11 EnCase v7.10.00.103									
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	NA	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	as expected
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	NA								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	as expected								
Analysis:	Expected results achieved								

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89 **1.2.33 MDT-12 – Samsung Galaxy S4**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:06:49 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:06:49 EDT 2014 Acquisition finished: Thu Oct 2 08:20:24 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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91 **1.2.34 MDT-13 – Samsung Galaxy S4**

Test Case MDT-13 EnCase v7.10.00.103			
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:	rpa		
Test Host:	p644381		
Test Date:	Thu Oct 2 08:09:41 EDT 2014		
Device:	GalaxyS4		
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB		
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:09:41 EDT 2014 Acquisition finished: Thu Oct 2 08:21:19 EDT 2014 Notification of modified SIM data was successful		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> </tbody> </table>	Assertion & Expected Result	Actual Result
Assertion & Expected Result	Actual Result		

Test Case MDT-13 EnCase v7.10.00.103	
	MDT-AO-08 Notification of modified device case data. as expected
Analysis:	Expected results achieved

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93 **1.2.35 MDT-14 – Samsung Galaxy S4**

Test Case MDT-14 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:10:01 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:10:01 EDT 2014 Acquisition finished: Thu Oct 2 08:22:38 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

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95 **1.2.36 MDT-15 – Samsung Galaxy S4**

Test Case MDT-15 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:10:20 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:10:20 EDT 2014 Acquisition finished: Thu Oct 2 08:23:45 EDT 2014 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

96 **1.2.37 MDT-16 – Samsung Galaxy S4**

Test Case MDT-16 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:10:37 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:10:37 EDT 2014 Acquisition finished: Thu Oct 2 08:24:58 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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98 **1.2.38 MDT-19 – Samsung Galaxy S4**

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:07:07 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:07:07 EDT 2014 Acquisition finished: Thu Oct 2 08:25:30 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

99

100 **1.2.39 MDT-20 – Samsung Galaxy S4**

Test Case MDT-20 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:10:56 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:10:56 EDT 2014 Acquisition finished: Thu Oct 2 08:26:16 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

101

102 **1.2.40 MDT-22 – Samsung Galaxy S4**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:07:27 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:07:27 EDT 2014 Acquisition finished: Thu Oct 2 08:27:37 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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1.2.41 MDT-23 – Samsung Galaxy S4

Test Case MDT-23 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:11:17 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:11:17 EDT 2014 Acquisition finished: Thu Oct 2 08:29:23 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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1.2.42 MDT-24 – Samsung Galaxy S4

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:07:46 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:07:46 EDT 2014 Acquisition finished: Thu Oct 2 08:30:43 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

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111 **1.2.43 MDT-01 – Samsung GalaxyS5**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p5644381				
Test Date:	Thu Oct 2 08:38:11 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:38:11 EDT 2014 Acquisition finished: Thu Oct 2 08:43:18 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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113 **1.2.44 MDT-02 – Samsung GalaxyS5**

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:38:31 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:38:31 EDT 2014 Acquisition finished: Thu Oct 2 08:47:13 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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117 **1.2.45 MDT-03 – Samsung GalaxyS5**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:38:52 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:38:52 EDT 2014 Acquisition finished: Thu Oct 2 08:52:09 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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119 **1.2.46 MDT-04 – Samsung GalaxyS5**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:39:09 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:39:09 EDT 2014 Acquisition finished: Thu Oct 2 08:54:03 EDT 2014 IMEI, MEID/ESN were acquired Notes: MSISDN was note reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

1.2.47 MDT-05 – Samsung GalaxyS5

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:39:28 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:39:28 EDT 2014 Acquisition finished: Thu Oct 2 08:58:17 EDT 2014</p> <p>All address book entries were successfully acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memos were not reported. Internet related data i.e., bookmarks were not reported. Social media related data was not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

122 1.2.48 MDT-06 – Samsung GalaxyS5

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p>

Test Case MDT-06 EnCase v7.10.00.103											
	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:	rpa										
Test Host:	p644381										
Test Date:	Thu Oct 2 08:39:47 EDT 2014										
Device:	GalaxyS5										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:39:47 EDT 2014 Acquisition finished: Thu Oct 2 08:40:00 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
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.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

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124 1.2.49 MDT-12 – Samsung GalaxyS5

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:40:06 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:40:06 EDT 2014 Acquisition finished: Thu Oct 2 08:47:42 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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1.2.50 MDT-19 – Samsung GalaxyS5

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:40:29 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:40:29 EDT 2014 Acquisition finished: Thu Oct 2 08:50:21 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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1.2.51 MDT-22 – Samsung GalaxyS5

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:40:47 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:40:47 EDT 2014 Acquisition finished: Thu Oct 2 08:54:19 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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133 **1.2.52 MDT-24 – Samsung GalaxyS5**

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:41:11 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:41:11 EDT 2014 Acquisition finished: Thu Oct 2 08:57:12 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

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135 **1.2.53 MDT-01 – HTC One GSM**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:14:59 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:14:59 EDT 2014 Acquisition finished: Wed Oct 1 13:28:45 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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1.2.54 MDT-02 – HTC One GSM

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:15:25 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:15:25 EDT 2014 Acquisition finished: Wed Oct 1 13:30:25 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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1.2.55 MDT-03 – HTC One GSM

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:15:49 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:15:49 EDT 2014 Acquisition finished: Wed Oct 1 13:31:09 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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142 **1.2.56 MDT-04 – HTC One GSM**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:16:14 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:16:14 EDT 2014 Acquisition finished: Wed Oct 1 13:32:17 EDT 2014 IMEI was acquired Notes: MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

143

144 **1.2.57 MDT-05 – HTC One GSM**

Test Case MDT-05 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:17:06 EDT 2014
Device:	HTCOneGSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:17:06 EDT 2014 Acquisition finished: Wed Oct 1 13:35:19 EDT 2014 Regular Length Address Book entries were not acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were not acquired Blank Name Address Book entries were not acquired Email addresses within Address Book entries were not acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired

Test Case MDT-05 EnCase v7.10.00.103					
	<p>All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: No contacts were reported. No Memo entries were reported. Only social media related data that was reported was twitter.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

145

146 **1.2.58 MDT-06 – HTC One GSM**

Test Case MDT-06 EnCase v7.10.00.103											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>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. 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. 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. 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.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Oct 1 13:17:34 EDT 2014										
Device:	HTCOneGSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:17:34 EDT 2014 Acquisition finished: Wed Oct 1 13:37:42 EDT 2014</p> <p>Individual data element acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device</td> <td>as expected</td> </tr> </tbody> </table>	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	as expected
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	as expected										

Test Case MDT-06 EnCase v7.10.00.103	
	payload for modifications.
Analysis:	Expected results achieved

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148 **1.2.59 MDT-07 – HTC One GSM**

Test Case MDT-07 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:20:05 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:20:05 EDT 2014 Acquisition finished: Wed Oct 1 13:39:16 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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150 **1.2.60 MDT-08 – HTC One GSM**

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:20:25 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:20:25 EDT 2014 Acquisition finished: Wed Oct 1 13:41:42 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				

Test Case MDT-08 EnCase v7.10.00.103	
Analysis:	Expected results achieved

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152 **1.2.61 MDT-09 – HTC One GSM**

Test Case MDT-09 EnCase v7.10.00.103					
Case Summary:	MDT-09 Acquire 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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:21:00 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:21:00 EDT 2014 Acquisition finished: Wed Oct 1 13:45:02 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
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				

153

154 **1.2.62 MDT-10 – HTC One GSM**

Test Case MDT-10 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:21:27 EDT 2014
Device:	HTCOneGSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:21:27 EDT 2014 Acquisition finished: Wed Oct 1 13:47:08 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired

Test Case MDT-10 EnCase v7.10.00.103					
	GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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				

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156 **1.2.63 MDT-11 – HTC One GSM**

Test Case MDT-11 EnCase v7.10.00.103									
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. 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. 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:	rpa								
Test Host:	p644381								
Test Date:	Wed Oct 1 13:21:55 EDT 2014								
Device:	HTCOneGSM								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB								
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:21:55 EDT 2014 Acquisition finished: Wed Oct 1 13:50:12 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	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
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								

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158 **1.2.64 MDT-12 – HTC One GSM**

Test Case MDT-12 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:18:04 EDT 2014
Device:	HTCOneGSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-12 EnCase v7.10.00.103					
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:18:04 EDT 2014 Acquisition finished: Wed Oct 1 13:51:30 EDT 2014</p> <p>Notification of modified device memory data was not successful</p> <p>Notes: Case file data can be modified without warning when re-opening the test case.</p> <p>The case file was modified with a hex editor, re-opened and modifications were present.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results not achieved				

159

160 **1.2.65 MDT-13 – HTC One GSM**

Test Case MDT-13 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:22:14 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:22:14 EDT 2014 Acquisition finished: Wed Oct 1 13:52:42 EDT 2014</p> <p>Notification of modified SIM data was successful</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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162 **1.2.66 MDT-14 – HTC One GSM**

Test Case MDT-14 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:22:44 EDT 2014
Device:	HTCOneGSM
Source	OS: WIN 7 v6.1.7601

Test Case MDT-14 EnCase v7.10.00.103					
Setup:	Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:22:44 EDT 2014 Acquisition finished: Wed Oct 1 13:53:09 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

163

164 **1.2.67 MDT-15 – HTC One GSM**

Test Case MDT-15 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:23:05 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:23:05 EDT 2014 Acquisition finished: Wed Oct 1 13:54:29 EDT 2014 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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166 **1.2.68 MDT-16 – HTC One GSM**

Test Case MDT-16 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:23:27 EDT 2014

Test Case MDT-16 EnCase v7.10.00.103					
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:23:27 EDT 2014 Acquisition finished: Wed Oct 1 13:55:12 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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168 **1.2.69 MDT-19 – HTC One GSM**

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:18:37 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:18:37 EDT 2014 Acquisition finished: Wed Oct 1 13:56:38 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

169

170 **1.2.70 MDT-20 – HTC One GSM**

Test Case MDT-20 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:23:49 EDT 2014
Device:	HTCOneGSM

Test Case MDT-20 EnCase v7.10.00.103					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:23:49 EDT 2014 Acquisition finished: Wed Oct 1 13:57:17 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

171

172 **1.2.71 MDT-22 – HTC One GSM**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:19:02 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:19:02 EDT 2014 Acquisition finished: Wed Oct 1 13:57:39 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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				

173

174 **1.2.72 MDT-23 – HTC One GSM**

Test Case MDT-23 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 13:24:13 EDT 2014
Device:	HTCOneGSM

Test Case MDT-23 EnCase v7.10.00.103					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:24:13 EDT 2014 Acquisition finished: Wed Oct 1 13:58:04 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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				

175

176 **1.2.73 MDT-24 – HTC One GSM**

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 13:19:25 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 13:19:25 EDT 2014 Acquisition finished: Wed Oct 1 13:58:49 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

177

178 **1.2.74 MDT-01 – HTC One CDMA**

Test Case MDT-01 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Thu Oct 2 08:12:18 EDT 2014

Test Case MDT-01 EnCase v7.10.00.103					
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:12:18 EDT 2014 Acquisition finished: Thu Oct 2 08:28:45 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

179

180 **1.2.75 MDT-02 – HTC One CDMA**

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:12:40 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:12:40 EDT 2014 Acquisition finished: Thu Oct 2 08:28:51 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

181

182 **1.2.76 MDT-03 – HTC One CDMA**

Test Case MDT-03 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Thu Oct 2 08:13:01 EDT 2014
Device:	HTCOneCDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log	Created by EnCase v7.10.00.103

Test Case MDT-03 EnCase v7.10.00.103					
Highlights:	Acquisition started: Thu Oct 2 08:13:01 EDT 2014 Acquisition finished: Thu Oct 2 08:28:57 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

183

184 **1.2.77 MDT-04 – HTC One CDMA**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:13:20 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:13:20 EDT 2014 Acquisition finished: Thu Oct 2 08:29:02 EDT 2014 MEID/ESN was acquired Notes: MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

185

186 **1.2.78 MDT-05 – HTC One CDMA**

Test Case MDT-05 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Thu Oct 2 08:13:39 EDT 2014
Device:	HTCOneCDMA
Source	OS: WIN 7 v6.1.7601

Test Case MDT-05 EnCase v7.10.00.103					
Setup:	Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:13:39 EDT 2014 Acquisition finished: Thu Oct 2 08:29:08 EDT 2014</p> <p>Regular Length Address Book entries were not acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were not acquired Blank Name Address Book entries were not acquired Email addresses within Address Book entries were not acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Contacts were not reported. Memos were not reported. Only social media related data that was reported was facebook.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

187

188 **1.2.79 MDT-06 – HTC One CDMA**

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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. 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. 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. 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.</p>
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Oct 2 08:14:00 EDT 2014
Device:	HTCOneCDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:14:00 EDT 2014</p>

Test Case MDT-06 EnCase v7.10.00.103											
	Acquisition finished: Thu Oct 2 08:29:14 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
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.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

189

190 1.2.80 MDT-12 – HTC One CDMA

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:14:23 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:14:23 EDT 2014 Acquisition finished: Thu Oct 2 08:29:22 EDT 2014</p> <p>Notification of modified device memory data was not successful</p> <p>Notes: Case file data can be modified without warning when re-opening the test case.</p> <p>The case file was modified with a hex editor, re-opened and modifications were present.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results not achieved				

191

192 1.2.81 MDT-19 – HTC One CDMA

Test Case MDT-19 EnCase v7.10.00.103	
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:	rpa

Test Case MDT-19 EnCase v7.10.00.103					
Test Host:	p644381				
Test Date:	Thu Oct 2 08:14:44 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:14:44 EDT 2014 Acquisition finished: Thu Oct 2 08:29:29 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

193

194 1.2.82 MDT-22 – HTC One CDMA

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:15:05 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:15:05 EDT 2014 Acquisition finished: Thu Oct 2 08:29:35 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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				

195

196 1.2.83 MDT-24 – HTC One CDMA

Test Case MDT-24 EnCase v7.10.00.103	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Oct 2 08:15:24 EDT 2014

Test Case MDT-24 EnCase v7.10.00.103					
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:15:24 EDT 2014 Acquisition finished: Thu Oct 2 08:29:43 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

197

198 **1.2.84 MDT-01 – Nexus4**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:00:53 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:00:53 EDT 2014 Acquisition finished: Wed Oct 1 14:15:21 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

199

200 **1.2.85 MDT-02 – Nexus4**

Test Case MDT-02 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 14:01:14 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-02 EnCase v7.10.00.103					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:01:14 EDT 2014 Acquisition finished: Wed Oct 1 14:15:27 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

201

202 1.2.86 MDT-03 – Nexus4

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:01:40 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:01:40 EDT 2014 Acquisition finished: Wed Oct 1 14:15:32 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

203

204 1.2.87 MDT-04 – Nexus4

Test Case MDT-04 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 14:02:04 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:02:04 EDT 2014 Acquisition finished: Wed Oct 1 14:15:39 EDT 2014

Test Case MDT-04 EnCase v7.10.00.103					
	IMEI was acquired Notes: MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

205

206 **1.2.88 MDT-05 – Nexus4**

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:02:22 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:02:22 EDT 2014 Acquisition finished: Wed Oct 1 14:15:47 EDT 2014</p> <p>All address book entries were successfully acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Bookmarks were not reported. Social media data was not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

207

1.2.89 MDT-06 – Nexus4

Test Case MDT-06 EnCase v7.10.00.103											
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. 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. 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. 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:	rpa										
Test Host:	p644381										
Test Date:	Wed Oct 1 14:02:45 EDT 2014										
Device:	Nexus4										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:02:45 EDT 2014 Acquisition finished: Wed Oct 1 14:15:53 EDT 2014 Individual data element acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

208

209

1.2.90 MDT-07 – Nexus4

Test Case MDT-07 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 14:04:38 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:04:38 EDT 2014 Acquisition finished: Wed Oct 1 14:17:18 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 EnCase v7.10.00.103					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

210

211 **1.2.91 MDT-08 – Nexus4**

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:04:54 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:04:54 EDT 2014 Acquisition finished: Wed Oct 1 14:17:27 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

212

213 **1.2.92 MDT-09 – Nexus4**

Test Case MDT-09 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:05:15 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:05:15 EDT 2014 Acquisition finished: Wed Oct 1 14:17:35 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				

Test Case MDT-09 EnCase v7.10.00.103	
Analysis:	Expected results achieved

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215 **1.2.93 MDT-10 – Nexus4**

Test Case MDT-10 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:05:37 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:05:37 EDT 2014 Acquisition finished: Wed Oct 1 14:17:43 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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				

216

217 **1.2.94 MDT-11 – Nexus4**

Test Case MDT-11 EnCase v7.10.00.103	
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. 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. 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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 14:06:20 EDT 2014
Device:	Nexus4
Source	OS: WIN 7 v6.1.7601

Test Case MDT-11 EnCase v7.10.00.103									
Setup:	Interface: USB								
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:06:20 EDT 2014 Acquisition finished: Wed Oct 1 14:17:50 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	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
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								

218

219 **1.2.95 MDT-12 – Nexus4**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:03:06 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:03:06 EDT 2014 Acquisition finished: Wed Oct 1 14:16:02 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

220

221 **1.2.96 MDT-13 – Nexus4**

Test Case MDT-13 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 14:06:40 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log	Created by EnCase v7.10.00.103

Test Case MDT-13 EnCase v7.10.00.103					
Highlights:	Acquisition started: Wed Oct 1 14:06:40 EDT 2014 Acquisition finished: Wed Oct 1 14:17:57 EDT 2014 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

222

223 1.2.97 MDT-14 – Nexus4

Test Case MDT-14 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Wed Oct 1 14:07:51 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:07:51 EDT 2014 Acquisition finished: Wed Oct 1 14:18:04 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

224

225 1.2.98 MDT-15 – Nexus4

Test Case MDT-15 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Wed Oct 1 14:08:12 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:08:12 EDT 2014 Acquisition finished: Wed Oct 1 14:18:12 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	

Test Case MDT-15 EnCase v7.10.00.103		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

226

227 **1.2.99 MDT-16 – Nexus4**

Test Case MDT-16 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Wed Oct 1 14:08:52 EDT 2014					
Device:	Nexus4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:08:52 EDT 2014 Acquisition finished: Wed Oct 1 14:18:32 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected	
Assertion & Expected Result	Actual Result					
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

228

229 **1.2.100 MDT-19 – Nexus4**

Test Case MDT-19 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Wed Oct 1 14:03:25 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:03:25 EDT 2014 Acquisition finished: Wed Oct 1 14:16:11 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		

Test Case MDT-19 EnCase v7.10.00.103		
	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	

230

231 **1.2.101 MDT-20 – Nexus4**

Test Case MDT-20 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Wed Oct 1 14:09:12 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:09:12 EDT 2014 Acquisition finished: Wed Oct 1 14:18:40 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages 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	

232

233 **1.2.102 MDT-22 – Nexus4**

Test Case MDT-22 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Wed Oct 1 14:03:51 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:03:51 EDT 2014 Acquisition finished: Wed Oct 1 14:16:19 EDT 2014 Hash values were properly reported for individually acquired device data elements	
Results:		

Test Case MDT-22 EnCase v7.10.00.103		
	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	

234

235 **1.2.103 MDT-23 – Nexus4**

Test Case MDT-23 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Wed Oct 1 14:09:33 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:09:33 EDT 2014 Acquisition finished: Wed Oct 1 14:18:47 EDT 2014 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	

236

237 **1.2.104 MDT-24 – Nexus4**

Test Case MDT-24 EnCase v7.10.00.103		
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Oct 1 14:04:13 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Wed Oct 1 14:04:13 EDT 2014 Acquisition finished: Wed Oct 1 14:16:29 EDT 2014 GPS Coordinate data was successfully acquired	
Results:	Assertion & Expected Result	Actual Result

Test Case MDT-24 EnCase v7.10.00.103		
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

238

239 **1.2.105 MDT-01 – Galaxy Note 3**

Test Case MDT-01 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Thu Oct 2 08:41:45 EDT 2014					
Device:	GalaxyNote3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:41:45 EDT 2014 Acquisition finished: Thu Oct 2 08:48:44 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

240

241 **1.2.106 MDT-02 – Galaxy Note 3**

Test Case MDT-02 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Thu Oct 2 08:42:06 EDT 2014					
Device:	GalaxyNote3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:42:06 EDT 2014 Acquisition finished: Thu Oct 2 08:48:49 EDT 2014 Device acquisition disruption notification was successful					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-02 Notification of device acquisition disruption.	as expected					
Analysis:	Expected results achieved					

242

243 **1.2.107 MDT-03 – Galaxy Note 3**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:42:42 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:42:42 EDT 2014 Acquisition finished: Thu Oct 2 08:48:55 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

244

245 **1.2.108 MDT-04 – Galaxy Note 3**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:43:00 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:43:00 EDT 2014 Acquisition finished: Thu Oct 2 08:49:00 EDT 2014 IMEI, MEID/ESN were acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
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				

246

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1.2.109 MDT-05 – Galaxy Note 3

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:43:20 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:43:20 EDT 2014 Acquisition finished: Thu Oct 2 08:49:05 EDT 2014</p> <p>All address book entries were successfully acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Memos were not reported. Internet related data i.e., bookmarks were not reported. Social media related data - only facebook was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

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250 1.2.110 MDT-06 – Galaxy Note 3

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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. 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. 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. MDT-CA-09 If a mobile device forensic tool completes two consecutive</p>

Test Case MDT-06 EnCase v7.10.00.103											
	logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Thu Oct 2 08:43:38 EDT 2014										
Device:	GalaxyNote3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:43:38 EDT 2014 Acquisition finished: Thu Oct 2 08:49:10 EDT 2014 Individual data element acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

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252 1.2.111 MDT-12 – Galaxy Note 3

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:43:56 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:43:56 EDT 2014 Acquisition finished: Thu Oct 2 08:49:19 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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256 **1.2.112 MDT-19 – Galaxy Note 3**

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:44:14 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:44:14 EDT 2014 Acquisition finished: Thu Oct 2 08:49:25 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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258 **1.2.113 MDT-22 – Galaxy Note 3**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:44:36 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:44:36 EDT 2014 Acquisition finished: Thu Oct 2 08:49:30 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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261 **1.2.114 MDT-24 – Galaxy Note 3**

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Oct 2 08:44:58 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Thu Oct 2 08:44:58 EDT 2014 Acquisition finished: Thu Oct 2 08:49:41 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

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263 **1.2.115 MDT-01 – iPhone5**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:06:41 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:06:41 EDT 2014 Acquisition finished: Fri Sep 12 11:47:01 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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1.2.116 MDT-02 – iPhone5

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:07:08 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:07:08 EDT 2014 Acquisition finished: Fri Sep 12 11:47:10 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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1.2.117 MDT-03 – iPhone5

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:07:34 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:07:34 EDT 2014 Acquisition finished: Fri Sep 12 11:47:18 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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274 **1.2.118 MDT-04 – iPhone5**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:08:28 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:08:28 EDT 2014 Acquisition finished: Fri Sep 12 11:47:24 EDT 2014 MSISDN and IMEI were not acquired Notes: IMEI and MSISDN were not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results not achieved				

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276 **1.2.119 MDT-05 – iPhone5**

Test Case MDT-05 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:08:48 EDT 2014
Device:	iPhone5 GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:08:48 EDT 2014 Acquisition finished: Fri Sep 12 11:47:31 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired

Test Case MDT-05 EnCase v7.10.00.103					
	<p>All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Partial social media related data was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

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278 **1.2.120 MDT-06 – iPhone5**

Test Case MDT-06 EnCase v7.10.00.103											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Fri Sep 12 07:09:08 EDT 2014										
Device:	iPhone5 GSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:09:08 EDT 2014 Acquisition finished: Fri Sep 12 11:47:37 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
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.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

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281 **1.2.121 MDT-07 – iPhone5**

Test Case MDT-07 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:11:30 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:11:30 EDT 2014 Acquisition finished: Fri Sep 12 11:48:09 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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283 **1.2.122 MDT-08 – iPhone5**

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:11:50 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:11:50 EDT 2014 Acquisition finished: Fri Sep 12 11:48:16 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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1.2.123 MDT-09 – iPhone5

Test Case MDT-09 EnCase v7.10.00.103					
Case Summary:	MDT-09 Acquire 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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:12:13 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:12:13 EDT 2014 Acquisition finished: Fri Sep 12 11:48:25 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
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				

1.2.124 MDT-10 – iPhone5

Test Case MDT-10 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:12:35 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:12:35 EDT 2014 Acquisition finished: Fri Sep 12 11:48:32 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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 EnCase v7.10.00.103	
Analysis:	Expected results achieved

291

292 **1.2.125 MDT-11 – iPhone5**

Test Case MDT-11 EnCase v7.10.00.103									
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. 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. 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:	rpa								
Test Host:	p644381								
Test Date:	Fri Sep 12 07:12:58 EDT 2014								
Device:	iPhone5 GSM								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB								
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:12:58 EDT 2014 Acquisition finished: Fri Sep 12 11:48:40 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	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
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								

293

294 **1.2.126 MDT-12 – iPhone5**

Test Case MDT-12 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:09:33 EDT 2014
Device:	iPhone5 GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:09:33 EDT 2014 Acquisition finished: Fri Sep 12 11:47:47 EDT 2014 Notification of modified device memory data was successful
Results:	

Test Case MDT-12 EnCase v7.10.00.103		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

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296 **1.2.127 MDT-13 – iPhone5**

Test Case MDT-13 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:13:23 EDT 2014	
Device:	iPhone5 GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:13:23 EDT 2014 Acquisition finished: Fri Sep 12 11:48:49 EDT 2014 Notification of modified SIM data was successful	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

297

298 **1.2.128 MDT-14 – iPhone5**

Test Case MDT-14 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:13:50 EDT 2014	
Device:	iPhone5 GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:13:50 EDT 2014 Acquisition finished: Fri Sep 12 11:48:58 EDT 2014 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	

299

300 **1.2.129 MDT-15 – iPhone5**

Test Case MDT-15 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:14:14 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:14:14 EDT 2014 Acquisition finished: Fri Sep 12 11:49:05 EDT 2014 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

301

302 **1.2.130 MDT-16 – iPhone5**

Test Case MDT-16 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:14:43 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:14:43 EDT 2014 Acquisition finished: Fri Sep 12 11:49:11 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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304 **1.2.131 MDT-19 – iPhone5**

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:10:05 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:10:05 EDT 2014 Acquisition finished: Fri Sep 12 11:47:54 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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306 **1.2.132 MDT-20 – iPhone5**

Test Case MDT-20 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:15:11 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:15:11 EDT 2014 Acquisition finished: Fri Sep 12 11:49:18 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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1.2.133 MDT-22 – iPhone5

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:10:29 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:10:29 EDT 2014 Acquisition finished: Fri Sep 12 11:48:00 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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311 **1.2.134 MDT-23 – iPhone5**

Test Case MDT-23 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:15:35 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:15:35 EDT 2014 Acquisition finished: Fri Sep 12 11:49:25 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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314 **1.2.135 MDT-24 – iPhone5**

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:10:57 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:10:57 EDT 2014 Acquisition finished: Fri Sep 12 11:49:32 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

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316 **1.2.136 MDT-01 – iPhone5s**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:16:29 EDT 2014				
Device:	iPhone5s CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:16:29 EDT 2014 Acquisition finished: Fri Sep 12 11:57:06 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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321 **1.2.137 MDT-02 – iPhone5s**

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:16:53 EDT 2014				
Device:	iPhone5s_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:16:53 EDT 2014 Acquisition finished: Fri Sep 12 11:57:13 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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323 **1.2.138 MDT-03 – iPhone5s**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:17:15 EDT 2014				
Device:	iPhone5s_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:17:15 EDT 2014 Acquisition finished: Fri Sep 12 11:57:18 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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1.2.139 MDT-04 – iPhone5s

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:17:38 EDT 2014				
Device:	iPhone5s CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:17:38 EDT 2014 Acquisition finished: Fri Sep 12 11:57:25 EDT 2014 IMEI, MEID/ESN were not acquired Notes: IMEI and MSISDN were not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results not achieved				

1.2.140 MDT-05 – iPhone5s

Test Case MDT-05 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:18:05 EDT 2014
Device:	iPhone5s CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:18:05 EDT 2014 Acquisition finished: Fri Sep 12 11:57:32 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired

Test Case MDT-05 EnCase v7.10.00.103					
	<p>All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Partial social media related data was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

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331 **1.2.141 MDT-06 – iPhone5s**

Test Case MDT-06 EnCase v7.10.00.103											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Fri Sep 12 07:18:25 EDT 2014										
Device:	iPhone5s CDMA										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:18:25 EDT 2014 Acquisition finished: Fri Sep 12 11:57:41 EDT 2014</p> <p>Individual data element acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

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334 **1.2.142 MDT-12 – iPhone5s**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:18:53 EDT 2014				
Device:	iPhone5s_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:18:53 EDT 2014 Acquisition finished: Fri Sep 12 11:57:48 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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336 **1.2.143 MDT-19 – iPhone5s**

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:19:19 EDT 2014				
Device:	iPhone5s_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:19:19 EDT 2014 Acquisition finished: Fri Sep 12 11:57:56 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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340 **1.2.144 MDT-22 – iPhone5s**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:19:39 EDT 2014				
Device:	iPhone5s CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:19:39 EDT 2014 Acquisition finished: Fri Sep 12 11:58:04 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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342 **1.2.145 MDT-24 – iPhone5s**

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:19:59 EDT 2014				
Device:	iPhone5s CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:19:59 EDT 2014 Acquisition finished: Fri Sep 12 11:58:11 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

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346 **1.2.146 MDT-01 – iPad GSM**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:29:57 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:29:57 EDT 2014 Acquisition finished: Fri Sep 12 11:50:01 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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348 **1.2.147 MDT-02 – iPad GSM**

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:30:14 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:30:14 EDT 2014 Acquisition finished: Fri Sep 12 11:50:07 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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354 **1.2.148 MDT-03 – iPad GSM**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:30:32 EDT 2014				
Device:	iPad_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:30:32 EDT 2014 Acquisition finished: Fri Sep 12 11:50:13 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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356 **1.2.149 MDT-04 – iPad GSM**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:30:51 EDT 2014				
Device:	iPad_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:30:51 EDT 2014 Acquisition finished: Fri Sep 12 11:50:20 EDT 2014 MSISDN and IMEI were not acquired Notes: IMEI and MSISDN were not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results not achieved				

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1.2.150 MDT-05 – iPad GSM

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:31:17 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:31:17 EDT 2014 Acquisition finished: Fri Sep 12 11:50:26 EDT 2014</p> <p>All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Partial social media related data was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

360 1.2.151 MDT-06 – iPad GSM

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
Tester Name:	rpa
Test Host:	p644381

Test Case MDT-06 EnCase v7.10.00.103											
Test Date:	Fri Sep 12 07:31:35 EDT 2014										
Device:	iPad GSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:31:35 EDT 2014 Acquisition finished: Fri Sep 12 11:50:32 EDT 2014 Individual data element acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

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362 **1.2.152 MDT-07 – iPad GSM**

Test Case MDT-07 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:33:24 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:33:24 EDT 2014 Acquisition finished: Fri Sep 12 11:51:13 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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368 **1.2.153 MDT-08 – iPad GSM**

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:33:40 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:33:40 EDT 2014 Acquisition finished: Fri Sep 12 11:51:20 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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370 **1.2.154 MDT-09 – iPad GSM**

Test Case MDT-09 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:34:00 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:34:00 EDT 2014 Acquisition finished: Fri Sep 12 11:51:27 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
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				

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375 **1.2.155 MDT-10 – iPad GSM**

Test Case MDT-10 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:34:24 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:34:24 EDT 2014 Acquisition finished: Fri Sep 12 11:51:35 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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				

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377 **1.2.156 MDT-11 – iPad GSM**

Test Case MDT-11 EnCase v7.10.00.103	
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. 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. 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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:34:48 EDT 2014
Device:	iPad GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:34:48 EDT 2014 Acquisition finished: Fri Sep 12 11:51:41 EDT 2014 Acquire All acquisition was successful

Test Case MDT-11 EnCase v7.10.00.103									
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	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
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								

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379 **1.2.157 MDT-12 – iPad GSM**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:31:55 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:31:55 EDT 2014 Acquisition finished: Fri Sep 12 11:50:41 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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381 **1.2.158 MDT-13 – iPad GSM**

Test Case MDT-13 EnCase v7.10.00.103			
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:	rpa		
Test Host:	p644381		
Test Date:	Fri Sep 12 07:35:07 EDT 2014		
Device:	iPad GSM		
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB		
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:35:07 EDT 2014 Acquisition finished: Fri Sep 12 11:51:49 EDT 2014 Notification of modified SIM data was successful		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> </tbody> </table>	Assertion & Expected Result	Actual Result
Assertion & Expected Result	Actual Result		

Test Case MDT-13 EnCase v7.10.00.103	
	MDT-AO-08 Notification of modified device case data. as expected
Analysis:	Expected results achieved

382

383 **1.2.159 MDT-14 – iPad GSM**

Test Case MDT-14 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:35:28 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:35:28 EDT 2014 Acquisition finished: Fri Sep 12 11:51:55 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

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385 **1.2.160 MDT-15 – iPad GSM**

Test Case MDT-15 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:35:49 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:35:49 EDT 2014 Acquisition finished: Fri Sep 12 11:52:02 EDT 2014 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

386 **1.2.161 MDT-16 – iPad GSM**

Test Case MDT-16 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:36:06 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:36:06 EDT 2014 Acquisition finished: Fri Sep 12 11:52:10 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

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388 **1.2.162 MDT-19 – iPad GSM**

Test Case MDT-19 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:32:24 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:32:24 EDT 2014 Acquisition finished: Fri Sep 12 11:50:50 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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390 **1.2.163 MDT-20 – iPad GSM**

Test Case MDT-20 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:36:32 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:36:32 EDT 2014 Acquisition finished: Fri Sep 12 11:52:17 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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392 **1.2.164 MDT-22 – iPad GSM**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:32:43 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:32:43 EDT 2014 Acquisition finished: Fri Sep 12 11:50:58 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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1.2.165 MDT-23 – iPad GSM

Test Case MDT-23 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:36:54 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:36:54 EDT 2014 Acquisition finished: Fri Sep 12 11:52:25 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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1.2.166 MDT-24 – iPad GSM

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:33:04 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:33:04 EDT 2014 Acquisition finished: Fri Sep 12 11:51:06 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

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401 **1.2.167 MDT-01 – iPad CDMA**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:20:48 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:20:48 EDT 2014 Acquisition finished: Fri Sep 12 11:55:49 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

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403 **1.2.168 MDT-02 – iPad CDMA**

Test Case MDT-02 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:21:13 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:21:13 EDT 2014 Acquisition finished: Fri Sep 12 11:55:55 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

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1.2.169 MDT-03 – iPad CDMA

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:21:33 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:21:33 EDT 2014 Acquisition finished: Fri Sep 12 11:56:00 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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1.2.170 MDT-04 – iPad CDMA

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:21:55 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:21:55 EDT 2014 Acquisition finished: Fri Sep 12 11:56:06 EDT 2014 IMEI, MEID/ESN were not acquired Notes: IMEI and MSISDN were not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results not achieved				

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1.2.171 MDT-05 – iPad CDMA

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:22:21 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:22:21 EDT 2014 Acquisition finished: Fri Sep 12 11:56:12 EDT 2014</p> <p>All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Partial social media related data was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

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1.2.172 MDT-06 – iPad CDMA

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
Tester Name:	rpa
Test Host:	p644381

Test Case MDT-06 EnCase v7.10.00.103											
Test Date:	Fri Sep 12 07:22:41 EDT 2014										
Device:	iPad CDMA										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:22:41 EDT 2014 Acquisition finished: Fri Sep 12 11:56:19 EDT 2014 Individual data element acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

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417 **1.2.173 MDT-12 – iPad CDMA**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:23:06 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:23:06 EDT 2014 Acquisition finished: Fri Sep 12 11:56:27 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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419 **1.2.174 MDT-19 – iPad CDMA**

Test Case MDT-19 EnCase v7.10.00.103	
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:	rpa

Test Case MDT-19 EnCase v7.10.00.103					
Test Host:	p644381				
Test Date:	Fri Sep 12 07:23:30 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:23:30 EDT 2014 Acquisition finished: Fri Sep 12 11:56:34 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

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421 **1.2.175 MDT-22 – iPad CDMA**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:23:51 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:23:51 EDT 2014 Acquisition finished: Fri Sep 12 11:56:41 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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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423 **1.2.176 MDT-24 – iPad CDMA**

Test Case MDT-24 EnCase v7.10.00.103	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:24:25 EDT 2014

Test Case MDT-24 EnCase v7.10.00.103					
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:24:25 EDT 2014 Acquisition finished: Fri Sep 12 11:56:47 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

424

425 **1.2.177 MDT-01 – iPad Mini GSM**

Test Case MDT-01 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:37:50 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:37:50 EDT 2014 Acquisition finished: Fri Sep 12 11:52:37 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

426

427 **1.2.178 MDT-02 – iPad Mini GSM**

Test Case MDT-02 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:38:12 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log	Created by EnCase v7.10.00.103

Test Case MDT-02 EnCase v7.10.00.103					
Highlights:	Acquisition started: Fri Sep 12 07:38:12 EDT 2014 Acquisition finished: Fri Sep 12 11:52:44 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

428

429 **1.2.179 MDT-03 – iPad Mini GSM**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:38:36 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:38:36 EDT 2014 Acquisition finished: Fri Sep 12 11:52:53 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

430

431 **1.2.180 MDT-04 – iPad Mini GSM**

Test Case MDT-04 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:38:59 EDT 2014
Device:	iPadMini GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:38:59 EDT 2014 Acquisition finished: Fri Sep 12 11:53:01 EDT 2014 MSISDN and IMEI were not acquired

Test Case MDT-04 EnCase v7.10.00.103					
	Notes: IMEI and MSISDN were not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
	Assertion & Expected Result	Actual Result			
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results not achieved				

432

433 **1.2.181 MDT-05 – iPad Mini GSM**

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:39:21 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:39:21 EDT 2014 Acquisition finished: Fri Sep 12 11:53:09 EDT 2014</p> <p>All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Partial social media related data was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
	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				

434

435

436

1.2.182 MDT-06 – iPad Mini GSM

Test Case MDT-06 EnCase v7.10.00.103											
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. 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. 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. 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:	rpa										
Test Host:	p644381										
Test Date:	Fri Sep 12 07:39:44 EDT 2014										
Device:	iPadMini GSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:39:44 EDT 2014 Acquisition finished: Fri Sep 12 11:53:17 EDT 2014 Individual data element acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	as expected
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.	as expected										
Analysis:	Expected results achieved										

437

438 **1.2.183 MDT-07 – iPad Mini GSM**

Test Case MDT-07 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:41:44 EDT 2014
Device:	iPadMini GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:41:44 EDT 2014 Acquisition finished: Fri Sep 12 11:54:05 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 EnCase v7.10.00.103					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

439

440 **1.2.184 MDT-08 – iPad Mini GSM**

Test Case MDT-08 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:42:04 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:42:04 EDT 2014 Acquisition finished: Fri Sep 12 11:54:15 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

441

442 **1.2.185 MDT-09 – iPad Mini GSM**

Test Case MDT-09 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:42:25 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:42:25 EDT 2014 Acquisition finished: Fri Sep 12 11:54:23 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				

Test Case MDT-09 EnCase v7.10.00.103	
Analysis:	Expected results achieved

443

444 **1.2.186 MDT-10 – iPad Mini GSM**

Test Case MDT-10 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:42:46 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:42:46 EDT 2014 Acquisition finished: Fri Sep 12 11:54:30 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
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				

445

446 **1.2.187 MDT-11 – iPad Mini GSM**

Test Case MDT-11 EnCase v7.10.00.103	
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. 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. 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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:43:11 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB

Test Case MDT-11 EnCase v7.10.00.103									
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:43:11 EDT 2014 Acquisition finished: Fri Sep 12 11:54:38 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	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
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								

447

448 **1.2.188 MDT-12 – iPad Mini GSM**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:40:07 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:40:07 EDT 2014 Acquisition finished: Fri Sep 12 11:53:29 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

449

450 **1.2.189 MDT-13 – iPad Mini GSM**

Test Case MDT-13 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:43:36 EDT 2014
Device:	iPadMini GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:43:36 EDT 2014

Test Case MDT-13 EnCase v7.10.00.103					
	Acquisition finished: Fri Sep 12 11:54:47 EDT 2014 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

451

452 **1.2.190 MDT-14 – iPad Mini GSM**

Test Case MDT-14 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:44:03 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:44:03 EDT 2014 Acquisition finished: Fri Sep 12 11:54:55 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

453

454 **1.2.191 MDT-15 – iPad Mini GSM**

Test Case MDT-15 EnCase v7.10.00.103	
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:	rpa
Test Host:	p644381
Test Date:	Fri Sep 12 07:44:28 EDT 2014
Device:	iPadMini GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:44:28 EDT 2014 Acquisition finished: Fri Sep 12 11:55:02 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	

Test Case MDT-15 EnCase v7.10.00.103		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

455 **1.2.192 MDT-16 – iPad Mini GSM**

Test Case MDT-16 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Fri Sep 12 07:44:50 EDT 2014					
Device:	iPadMini GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:44:50 EDT 2014 Acquisition finished: Fri Sep 12 11:55:10 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

456

457 **1.2.193 MDT-19 – iPad Mini GSM**

Test Case MDT-19 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:40:30 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:40:30 EDT 2014 Acquisition finished: Fri Sep 12 11:53:38 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		

Test Case MDT-19 EnCase v7.10.00.103		
	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	

458

459 **1.2.194 MDT-20 – iPad Mini GSM**

Test Case MDT-20 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:45:31 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:45:31 EDT 2014 Acquisition finished: Fri Sep 12 11:55:19 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages 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	

460

461 **1.2.195 MDT-22 – iPad Mini GSM**

Test Case MDT-22 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:40:55 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:40:55 EDT 2014 Acquisition finished: Fri Sep 12 11:53:46 EDT 2014 Hash values were properly reported for individually acquired device data elements	
Results:		

Test Case MDT-22 EnCase v7.10.00.103		
	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	

462

463 **1.2.196 MDT-23 – iPad Mini GSM**

Test Case MDT-23 EnCase v7.10.00.103		
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:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:45:55 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:45:55 EDT 2014 Acquisition finished: Fri Sep 12 11:55:27 EDT 2014 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	

464

465 **1.2.197 MDT-24 – iPad Mini GSM**

Test Case MDT-24 EnCase v7.10.00.103		
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Sep 12 07:41:20 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:41:20 EDT 2014 Acquisition finished: Fri Sep 12 11:53:56 EDT 2014 GPS Coordinate data was successfully acquired	
Results:	Assertion & Expected Result	Actual Result

Test Case MDT-24 EnCase v7.10.00.103		
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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467 **1.2.198 MDT-01 – iPad Mini CDMA**

Test Case MDT-01 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Fri Sep 12 07:25:00 EDT 2014					
Device:	iPadMini CDMA					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:25:00 EDT 2014 Acquisition finished: Fri Sep 12 11:58:22 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

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469 **1.2.199 MDT-02 – iPad Mini CDMA**

Test Case MDT-02 EnCase v7.10.00.103						
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:	rpa					
Test Host:	p644381					
Test Date:	Fri Sep 12 07:25:21 EDT 2014					
Device:	iPadMini CDMA					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:25:21 EDT 2014 Acquisition finished: Fri Sep 12 11:58:28 EDT 2014 Device acquisition disruption notification was successful					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-02 Notification of device acquisition disruption.	as expected					
Analysis:	Expected results achieved					

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471 **1.2.200 MDT-03 – iPad Mini CDMA**

Test Case MDT-03 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:25:42 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:25:42 EDT 2014 Acquisition finished: Fri Sep 12 11:58:35 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

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473 **1.2.201 MDT-04 – iPad Mini CDMA**

Test Case MDT-04 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:26:05 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:26:05 EDT 2014 Acquisition finished: Fri Sep 12 11:58:42 EDT 2014 IMEI, MEID/ESN were not acquired Notes: IMEI and MSISDN were not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results not achieved				

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1.2.202 MDT-05 – iPad Mini CDMA

Test Case MDT-05 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:26:25 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:26:25 EDT 2014 Acquisition finished: Fri Sep 12 11:58:50 EDT 2014</p> <p>All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired</p> <p>Notes: Partial social media related data was reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
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				

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1.2.203 MDT-06 – iPad Mini CDMA

Test Case MDT-06 EnCase v7.10.00.103	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
Tester Name:	rpa
Test Host:	p644381

Test Case MDT-06 EnCase v7.10.00.103											
Test Date:	Fri Sep 12 07:26:47 EDT 2014										
Device:	iPadMini_CDMA										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:26:47 EDT 2014 Acquisition finished: Fri Sep 12 11:58:56 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
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.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

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480 **1.2.204 MDT-12 – iPad Mini CDMA**

Test Case MDT-12 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:27:10 EDT 2014				
Device:	iPadMini_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:27:10 EDT 2014 Acquisition finished: Fri Sep 12 11:59:07 EDT 2014 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

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482 **1.2.205 MDT-19 – iPad Mini CDMA**

Test Case MDT-19 EnCase v7.10.00.103	
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:	rpa

Test Case MDT-19 EnCase v7.10.00.103					
Test Host:	p644381				
Test Date:	Fri Sep 12 07:27:40 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:27:40 EDT 2014 Acquisition finished: Fri Sep 12 11:59:14 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
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				

483

484 **1.2.206 MDT-22 – iPad Mini CDMA**

Test Case MDT-22 EnCase v7.10.00.103					
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:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:28:15 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:28:15 EDT 2014 Acquisition finished: Fri Sep 12 11:59:21 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
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				

485

486

1.2.207 MDT-24 – iPad Mini CDMA

Test Case MDT-24 EnCase v7.10.00.103					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Sep 12 07:28:36 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by EnCase v7.10.00.103 Acquisition started: Fri Sep 12 07:28:36 EDT 2014 Acquisition finished: Fri Sep 12 11:59:29 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				