

1 **1 Test Results for Mobile Device Acquisition Tool –**

2 **viaExtract v2.5**

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**

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16 **1.2 Test Results**

17 The test results are presented in this section.

18

19 **1.2.1 MDT-01 – Galaxy S3**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 08:33:32 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:33:32 EDT 2014 Acquisition finished: Tue Oct 28 09:50:40 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 – Galaxy S3**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 08:33:55 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:33:55 EDT 2014 Acquisition finished: Tue Oct 28 09:50:55 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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24 **1.2.3 MDT-03 – Galaxy S3**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 08:34:21 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:34:21 EDT 2014 Acquisition finished: Tue Oct 28 09:51:05 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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26 **1.2.4 MDT-04 – Galaxy S3**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 08:34:45 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:34:45 EDT 2014 Acquisition finished: Tue Oct 28 09:51:17 EDT 2014 IMEI was acquired Notes: The ICCID 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:	Partial results achieved				

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1.2.5 MDT-05 – Galaxy S3

Test Case MDT-05 viaExtract v2.5					
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:	Tue Oct 28 08:35:16 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:35:16 EDT 2014 Acquisition finished: Tue Oct 28 09:51:41 EDT 2014</p> <p>Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not 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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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				

32 **1.2.6 MDT-06 – Galaxy S3**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 08:35:40 EDT 2014										
Device:	GalaxyS3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:35:40 EDT 2014 Acquisition finished: Tue Oct 28 09:51:53 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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34 **1.2.7 MDT-12 – Galaxy S3**

Test Case MDT-12 viaExtract v2.5	
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:	Tue Oct 28 08:36:05 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:36:05 EDT 2014 Acquisition finished: Tue Oct 28 09:52:18 EDT 2014 Notification of modified device memory data was successful
Results:	

Test Case MDT-12 viaExtract v2.5		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

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36 1.2.8 MDT-19 – Galaxy S3

Test Case MDT-19 viaExtract v2.5		
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:	Tue Oct 28 08:36:31 EDT 2014	
Device:	GalaxyS3	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:36:31 EDT 2014 Acquisition finished: Tue Oct 28 09:52:28 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	Assertion & Expected Result	Actual Result
	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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38 1.2.9 MDT-22 – Galaxy S3

Test Case MDT-22 viaExtract v2.5		
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:	Tue Oct 28 08:36:53 EDT 2014	
Device:	GalaxyS3	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:36:53 EDT 2014 Acquisition finished: Tue Oct 28 09:52:39 EDT 2014 Hash values were properly reported for individually acquired device data elements	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case	as expected

Test Case MDT-22 viaExtract v2.5	
	presented in a useable format.
Analysis:	Expected results achieved

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40 **1.2.10 MDT-01 – Galaxy S4**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 08:53:17 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:53:17 EDT 2014 Acquisition finished: Tue Oct 28 09:57:43 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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42 **1.2.11 MDT-02– Galaxy S4**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 08:53:39 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:53:39 EDT 2014 Acquisition finished: Tue Oct 28 09:57:51 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				

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44 **1.2.12 MDT-03 – Galaxy S4**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 08:54:03 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:54:03 EDT 2014 Acquisition finished: Tue Oct 28 09:58:00 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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47 **1.2.13 MDT-04 – Galaxy S4**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 08:54:31 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:54:31 EDT 2014 Acquisition finished: Tue Oct 28 09:58:12 EDT 2014 MSISDN and IMEI were not acquired Notes: The ICCID 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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49 **1.2.14 MDT-05 – Galaxy S4**

Test Case MDT-05 viaExtract v2.5	
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:	Tue Oct 28 08:54:59 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:54:59 EDT 2014 Acquisition finished: Tue Oct 28 09:58:24 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages

Test Case MDT-05 viaExtract v2.5					
	<p>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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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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51 **1.2.15 MDT-06 – Galaxy S4**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 08:55:25 EDT 2014										
Device:	GalaxyS4										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:55:25 EDT 2014 Acquisition finished: Tue Oct 28 09:58:33 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										

Test Case MDT-06 viaExtract v2.5	
Analysis:	Expected results achieved

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53 **1.2.16 MDT-12 – Galaxy S4**

Test Case MDT-12 viaExtract v2.5					
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:	Tue Oct 28 08:55:58 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:55:58 EDT 2014 Acquisition finished: Tue Oct 28 09:58:44 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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55 **1.2.17 MDT-19 – Galaxy S4**

Test Case MDT-19 viaExtract v2.5					
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:	Tue Oct 28 08:56:21 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:56:21 EDT 2014 Acquisition finished: Tue Oct 28 09:58:53 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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58 **1.2.18 MDT-22 – Galaxy S4**

Test Case MDT-22 viaExtract v2.5					
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:	Tue Oct 28 08:56:45 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:56:45 EDT 2014 Acquisition finished: Tue Oct 28 09:59:06 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				

59

60 **1.2.19 MDT-01 – Galaxy S5**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 09:07:50 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:07:50 EDT 2014 Acquisition finished: Tue Oct 28 09:59:59 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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63 **1.2.20 MDT-02 – Galaxy S5**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 09:08:13 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:08:13 EDT 2014 Acquisition finished: Tue Oct 28 10:00:07 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				

64

65 **1.2.21 MDT-03 – Galaxy S5**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 09:08:34 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:08:34 EDT 2014 Acquisition finished: Tue Oct 28 10:00:18 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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68 **1.2.22 MDT-04 – Galaxy S5**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 09:09:06 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:09:06 EDT 2014 Acquisition finished: Tue Oct 28 10:00:28 EDT 2014 IMEI was acquired Notes: The 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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70 **1.2.23 MDT-05 – Galaxy S5**

Test Case MDT-05 viaExtract v2.5	
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:	Tue Oct 28 09:09:30 EDT 2014
Device:	GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:09:30 EDT 2014 Acquisition finished: Tue Oct 28 10:00:37 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages

Test Case MDT-05 viaExtract v2.5					
	<p>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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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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72 **1.2.24 MDT-06 – Galaxy S5**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 09:09:52 EDT 2014										
Device:	GalaxyS5										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:09:52 EDT 2014 Acquisition finished: Tue Oct 28 10:00:44 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										

Test Case MDT-06 viaExtract v2.5	
Analysis:	Expected results achieved

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74 **1.2.25 MDT-12 – Galaxy S5**

Test Case MDT-12 viaExtract v2.5					
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:	Tue Oct 28 09:10:16 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:10:16 EDT 2014 Acquisition finished: Tue Oct 28 10:00:52 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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76 **1.2.26 MDT-19 – Galaxy S5**

Test Case MDT-19 viaExtract v2.5					
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:	Tue Oct 28 09:10:39 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:10:39 EDT 2014 Acquisition finished: Tue Oct 28 10:01:00 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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1.2.27 MDT-22 – Galaxy S5

Test Case MDT-22 viaExtract v2.5					
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:	Tue Oct 28 09:11:02 EDT 2014				
Device:	GalaxyS5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:11:02 EDT 2014 Acquisition finished: Tue Oct 28 10:01:08 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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81 **1.2.28 MDT-01 – Galaxy Note3**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 09:16:09 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:16:09 EDT 2014 Acquisition finished: Tue Oct 28 10:03:33 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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84 **1.2.29 MDT-02 – Galaxy Note3**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 09:16:34 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:16:34 EDT 2014 Acquisition finished: Tue Oct 28 10:03:39 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				

85

86 **1.2.30 MDT-03 – Galaxy Note3**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 09:17:01 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:17:01 EDT 2014 Acquisition finished: Tue Oct 28 10:03:46 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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88

89 **1.2.31 MDT-04 – Galaxy Note3**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 09:17:25 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:17:25 EDT 2014 Acquisition finished: Tue Oct 28 10:03:54 EDT 2014 IMEI was acquired Notes: The 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				

90

91 **1.2.32 MDT-05 – Galaxy Note3**

Test Case MDT-05 viaExtract v2.5	
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:	Tue Oct 28 09:17:51 EDT 2014
Device:	GalaxyNote3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:17:51 EDT 2014 Acquisition finished: Tue Oct 28 10:04:05 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages

Test Case MDT-05 viaExtract v2.5					
	<p>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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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				

92

93 **1.2.33 MDT-06 – Galaxy Note3**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 09:18:12 EDT 2014										
Device:	GalaxyNote3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:18:12 EDT 2014 Acquisition finished: Tue Oct 28 10:04:14 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										

Test Case MDT-06 viaExtract v2.5	
Analysis:	Expected results achieved

94

95 **1.2.34 MDT-12 – Galaxy Note3**

Test Case MDT-12 viaExtract v2.5					
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:	Tue Oct 28 09:18:33 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:18:33 EDT 2014 Acquisition finished: Tue Oct 28 10:04:23 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				

96

97 **1.2.35 MDT-19 – Galaxy Note3**

Test Case MDT-19 viaExtract v2.5					
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:	Tue Oct 28 09:18:55 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:18:55 EDT 2014 Acquisition finished: Tue Oct 28 10:04:32 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				

98

99

100 **1.2.36 MDT-22 – Galaxy Note3**

Test Case MDT-22 viaExtract v2.5					
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:	Tue Oct 28 09:19:22 EDT 2014				
Device:	GalaxyNote3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:19:22 EDT 2014 Acquisition finished: Tue Oct 28 10:04:45 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				

101

102 **1.2.37 MDT-01 – HTC One GSM**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 08:39:41 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:39:41 EDT 2014 Acquisition finished: Tue Oct 28 09:53:02 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				

103

104

105 **1.2.38 MDT-02 – HTC One GSM**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 08:40:06 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:40:06 EDT 2014 Acquisition finished: Tue Oct 28 09:53:14 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				

106

107 **1.2.39 MDT-03 – HTC One GSM**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 08:40:33 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:40:33 EDT 2014 Acquisition finished: Tue Oct 28 09:53:24 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				

108

109

110 **1.2.40 MDT-04 – HTC One GSM**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 08:40:59 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:40:59 EDT 2014 Acquisition finished: Tue Oct 28 09:53:36 EDT 2014 IMEI was acquired Notes: The ICCID 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:	Partial results achieved				

111

112 **1.2.41 MDT-05 – HTC One GSM**

Test Case MDT-05 viaExtract v2.5	
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:	Tue Oct 28 08:41:20 EDT 2014
Device:	HTCOneGSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:41:20 EDT 2014 Acquisition finished: Tue Oct 28 09:53:57 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages

Test Case MDT-05 viaExtract v2.5					
	<p>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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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				

113

114 **1.2.42 MDT-06 – HTC One GSM**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 08:41:51 EDT 2014										
Device:	HTCOneGSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:41:51 EDT 2014 Acquisition finished: Tue Oct 28 09:54:13 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										

Test Case MDT-06 viaExtract v2.5	
Analysis:	Expected results achieved

115

116 **1.2.43 MDT-12 – HTC One GSM**

Test Case MDT-12 viaExtract v2.5					
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:	Tue Oct 28 08:42:17 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:42:17 EDT 2014 Acquisition finished: Tue Oct 28 09:54:23 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				

117

118 **1.2.44 MDT-19 – HTC One GSM**

Test Case MDT-19 viaExtract v2.5					
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:	Tue Oct 28 08:42:41 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:42:41 EDT 2014 Acquisition finished: Tue Oct 28 09:55:04 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				

119

120

121 **1.2.45 MDT-22 – HTC One GSM**

Test Case MDT-22 viaExtract v2.5					
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:	Tue Oct 28 08:43:07 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:43:07 EDT 2014 Acquisition finished: Tue Oct 28 09:55:23 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				

122

123 **1.2.46 MDT-01 – HTC One CDMA**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 09:11:52 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:11:52 EDT 2014 Acquisition finished: Tue Oct 28 10:01:18 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				

124

125

126 **1.2.47 MDT-02 – HTC One CDMA**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 09:12:11 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:12:11 EDT 2014 Acquisition finished: Tue Oct 28 10:01:27 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				

127

128 **1.2.48 MDT-03 – HTC One CDMA**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 09:12:31 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:12:31 EDT 2014 Acquisition finished: Tue Oct 28 10:01:35 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				

129

130

131 **1.2.49 MDT-04 – HTC One CDMA**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 09:12:57 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:12:57 EDT 2014 Acquisition finished: Tue Oct 28 10:01:45 EDT 2014 IMEI was acquired Notes: The 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				

132

133 **1.2.50 MDT-05 – HTC One CDMA**

Test Case MDT-05 viaExtract v2.5	
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:	Tue Oct 28 09:13:39 EDT 2014
Device:	HTCOneCDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:13:39 EDT 2014 Acquisition finished: Tue Oct 28 10:01:57 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages

Test Case MDT-05 viaExtract v2.5					
	<p>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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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				

134

135 **1.2.51 MDT-06 – HTC One CDMA**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 09:14:03 EDT 2014										
Device:	HTCOneCDMA										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:14:03 EDT 2014 Acquisition finished: Tue Oct 28 10:02:09 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										

Test Case MDT-06 viaExtract v2.5	
Analysis:	Expected results achieved

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137 **1.2.52 MDT-12 – HTC One CDMA**

Test Case MDT-12 viaExtract v2.5					
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:	Tue Oct 28 09:14:26 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:14:26 EDT 2014 Acquisition finished: Tue Oct 28 10:02:41 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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139 **1.2.53 MDT-19 – HTC One CDMA**

Test Case MDT-19 viaExtract v2.5					
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:	Tue Oct 28 09:14:49 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:14:49 EDT 2014 Acquisition finished: Tue Oct 28 10:02:52 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				

140

141 **1.2.54 MDT-22 – HTC One CDMA**

Test Case MDT-22 viaExtract v2.5					
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:	Tue Oct 28 09:15:16 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 09:15:16 EDT 2014 Acquisition finished: Tue Oct 28 10:03:22 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				

142

143 **1.2.55 MDT-01 – Nexus4**

Test Case MDT-01 viaExtract v2.5					
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:	Tue Oct 28 08:47:58 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:47:58 EDT 2014 Acquisition finished: Tue Oct 28 09:55:42 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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145

146 **1.2.56 MDT-02 – Nexus4**

Test Case MDT-02 viaExtract v2.5					
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:	Tue Oct 28 08:48:32 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:48:32 EDT 2014 Acquisition finished: Tue Oct 28 09:55:51 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				

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148 **1.2.57 MDT-03 – Nexus4**

Test Case MDT-03 viaExtract v2.5					
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:	Tue Oct 28 08:48:57 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:48:57 EDT 2014 Acquisition finished: Tue Oct 28 09:56:05 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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150

151 **1.2.58 MDT-04 – Nexus4**

Test Case MDT-04 viaExtract v2.5					
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:	Tue Oct 28 08:49:27 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:49:27 EDT 2014 Acquisition finished: Tue Oct 28 09:56:13 EDT 2014 IMEI was acquired Notes: The 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				

152

153 **1.2.59 MDT-05 – Nexus4**

Test Case MDT-05 viaExtract v2.5	
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:	Tue Oct 28 08:49:52 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:49:52 EDT 2014 Acquisition finished: Tue Oct 28 09:56:32 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired Basic PIM related data was not acquired Maximum length PIM related data was not acquired Call log data was not acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages

Test Case MDT-05 viaExtract v2.5					
	<p>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 Application data was not acquired All Internet related data was acquired Social media related data was not acquired</p> <p>Notes: Memo data was not reported. Call log data was not reported. Document related data was 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				

154

155 **1.2.60 MDT-06 – Nexus4**

Test Case MDT-06 viaExtract v2.5											
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:	Tue Oct 28 08:50:17 EDT 2014										
Device:	Nexus4										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:50:17 EDT 2014 Acquisition finished: Tue Oct 28 09:56:48 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										

Test Case MDT-06 viaExtract v2.5	
Analysis:	Expected results achieved

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157 **1.2.61 MDT-12 – Nexus4**

Test Case MDT-12 viaExtract v2.5					
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:	Tue Oct 28 08:50:50 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:50:50 EDT 2014 Acquisition finished: Tue Oct 28 09:56:59 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				

158

159 **1.2.62 MDT-19 – Nexus4**

Test Case MDT-19 viaExtract v2.5					
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:	Tue Oct 28 08:51:13 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:51:13 EDT 2014 Acquisition finished: Tue Oct 28 09:57:12 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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161

1.2.63 MDT-22 – Nexus4

Test Case MDT-22 viaExtract v2.5					
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:	Tue Oct 28 08:51:37 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by viaExtract v2.5 Acquisition started: Tue Oct 28 08:51:37 EDT 2014 Acquisition finished: Tue Oct 28 09:57:24 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				