

Secure View v4.1.9

Test Results for Mobile Device Acquisition Tool *July 14, 2016*





Test Results for Mobile Device Acquisition Tool: Secure View v4.1.9

Contents

In	trodu	ction	1
Н	ow to	Read This Report	1
		sults Summary	
		bile Devices	
		sting Environment	
	3.1	Execution Environment	5
	3.2	Internal Memory Data Objects	5
		st Results	
		Android Mobile Devices	
		iOS Mobile Devices	
		Blackberry / Windows / Feature Phones	

Introduction

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

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

This document reports the results from testing Secure View v4.1.9 across supported Android and iOS mobile devices

Test results from other tools can be found on the DHS S&T-sponsored digital forensics web page, http://www.dhs.gov/science-and-technology/nist-cftt-reports.

How to Read This Report

This report is divided into four sections. Section 1 identifies and provides a summary of any significant anomalies observed in the test runs. This section is sufficient for most readers to assess the suitability of the tool for the intended use. Section 2 identifies the mobile devices used for testing. Section 3 lists testing environment, the internal memory data objects used to populate the mobile devices. Section 4 provides an overview of the test case results reported by the tool. The full test data is available at http://www.cftt.nist.gov/mobile devices.htm.

Test Results for Mobile Device Acquisition Tool

Tool Tested: Secure View

Software Version: 4.1.9

Supplier: Susteen, Inc.

Address: 18818 Teller Ave. Suite 102

Irvine, CA 92612

Tel: (949) 341-0007

Email: support@susteen.com
WWW: http://www.susteen.com

1 Results Summary

Susteen's Secure View version 4.1.9 provides the ability to perform logical and physical data extractions for supported mobile devices. Secure View acquires Contacts, Call History, Text Messages, MMS, Calendar Application Data, Deleted Data and other accessible data, while providing a graphical interface making it user friendly.

The tool was tested for its ability to acquire active data from the internal memory of supported mobile devices and associated media (i.e., smart phones, feature phones). Except for the following anomalies, the tool acquired all supported data objects completely and accurately for all mobile devices tested.

Connectivity:

- Connectivity was not established. (Devices: LG G4, Nokia Lumia 735, Ellipsis 8)
- When connectivity is disrupted during acquisition an informative message is not provided. (Devices: Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E, Galaxy Tab S2, iOS)

Equipment / Subscriber related data:

- Subscriber and equipment related data (i.e., IMEI/IMSI, MSISDN) was not reported. (Devices: *iOS*)
- Equipment related data (i.e., IMEI) was not reported. (Device: *LG Extravert*)

Personal Information Management (PIM) data:

- The middle name field for contacts was not reported. (Devices: *Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E, Galaxy Tab S2, Blackberry Q10, Blackberry Z30, HTC Win 8x, Samsung Rugby III*)
- Contacts and associated metadata (i.e., graphics, email, URLs, Addresses) were not reported. (Devices: iOS)
- Address book contacts containing an associated graphic are not reported or viewable. (Devices: LG Extravert)
- Non-Latin characters are not presented in their native format. (Device: Samsung Rugy III)

July 2016 Page **2** of **16** Secure View v4.1.9

- Memos are not acquired. (Devices: Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab-E, Galaxy Tab S2, iOS)
- SMS and MMS messages and associated data (i.e., audio, graphics, video) are not reported. (Devices: Galaxy Tab E, Galaxy Tab S2)
- Group message recipients for outgoing SMS messages are partially reported. Only the last contact entry is included. (Devices: *Galaxy S6, Galaxy S6 Edge Plus*)

Application Data:

• Application related data (i.e., txt, pdf files) was not acquired. (Devices: *iOS*)

Stand-alone Files:

- Stand-alone audio/music files are not reported. (Devices: *iOS*)
- Stand-alone pictures and ringtones were not reported. (Devices: Samsung Rugby III, LG Extravert)

Social media Data:

- Social media (Facebook, Twitter, LinkedIn, Instagram) related data is not acquired. (Devices: Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E, Galaxy Tab S2)
- Social media (Facebook, Twitter, Instagram) related data is not acquired.
 (Devices: iOS)
- Partial social media related data for LinkedIn (i.e., messages) is acquired but not reported. The messages have to be extracted from messenger.sqlite. (Devices: iOS)

Internet Related Data:

 Browser history, bookmarks and email related data are not acquired. (Devices: *Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab-E, Galaxy Tab S2*)

GPS Related Data:

■ GPS related – waypoints, routes, longitude and latitude coordinates are not acquired. (Devices: *Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E, Galaxy Tab S2, iOS*)

NOTES:

- Memos are not reported but can be extracted from the filesystem data file notepad.sqlite for the Motorola Droid Turbo 2.
- ➤ Partial social media related data (i.e., LinkedIn personal messages) are not reported but can be extracted from the filesystem data in messenger.sqlite for all iOS devices.

For more test result details see section 4.

2 Mobile Devices

The following table lists the mobile devices used for testing Secure View v4.1.9.

Make	Model	OS	Firmware	Network
Apple	6	iOS 9.2.1	4.52.00	CDMA
iPhone		(13C75)		
Apple	6S	iOS 9.2.1	1.23.00	CDMA
iPhone		(13C75)		
Apple	6S Plus	iOS 9.2.1	1.23.00	CDMA
iPhone		(13C75)		
Apple iPad	Mini	iOS 9.2.1	4.32.00	CDMA
		(13B143)		
Apple iPad	Pro	iOS 9.2.1	4.52.00	CDMA
		(13C75)		
Motorola	Turbo2	Android	LCK23.130-23	CDMA
Droid		5.1.1		
Samsung	S6	Android	LMY47.G920VVRU4BOK7	CDMA
Galaxy		5.1.1		
Samsung	S6 Edge Plus	Android	LMY47X.G928VVRU2AOJ2	CDMA
Galaxy		5.1.1		
LG	G4	Android	LMY47D	CDMA
		5.1.1		
Ellipsis	8	Android	QZ3_PE3X	CDMA
		4.4.2		
Samsung	Tab E	Android	LMY47X.T567VVRU1AOH1	CDMA
Galaxy		5.1.1		
Samsung	Tab S2	Android	LMY47X.T817BVRU2AOJ2	CDMA
Galaxy		5.1.1		
Blackberry	SQN100-2	10 OS -	672849	CDMA
Q10		10.2.1.2122		
Blackberry	STA100-3	10 OS -	85718	CDMA
Z30		10.3.2.858		
HTC Win	HTC PM23300	Win 8.0	3030.0.34101.502	GSM
8x				
Samsung	SGH-A997	A997UCM	REV0.2	GSM
Rugby III		G1		
LG	Extravert	VN28010A	REV1.0	CDMA
Extravert				

Table 1: Mobile Devices

3 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the selected test execution environment, and the data objects populated onto the internal memory of mobile devices.

3.1 Execution Environment

Secure View version 4.1.9 was installed on Windows 7 v6.1.7601.

3.2 Internal Memory Data Objects

Secure View v4.1.9 was measured by analyzing acquired data from the internal memory of pre-populated mobile devices. Table 2 defines the data objects and elements used for populating mobile devices provided the mobile device supports the data element.

Data Objects	Data Elements
Address Book Entries	
	Regular Length
	Maximum Length
	Special Character
	Blank Name
	Regular Length, email
	Regular Length, graphic
	Regular Length, Address
	Deleted Entry
	Non-Latin Entry
	Contact Groups
PIM Data	
Datebook/Calendar	Regular Length
Memos	Maximum Length
	Deleted Entry
	Special Character
	Blank Entry
Call Logs	
	Incoming
	Outgoing
	Missed
	Incoming – Deleted
	Outgoing – Deleted
	Missed - Deleted
Text Messages	
	Incoming SMS – Read
	Incoming SMS – Unread
	Outgoing SMS
	Incoming EMS – Read
	Incoming EMS – Unread
	Outgoing EMS

Data Objects	Data Elements
	Incoming SMS – Deleted
	Outgoing SMS – Deleted
	Incoming EMS – Deleted
	Outgoing EMS – Deleted
	Non-Latin SMS/EMS
MMS Messages	
	Incoming Audio
	Incoming Graphic
	Incoming Video
	Outgoing Audio
	Outgoing Graphic
	Outgoing Video
Application Data	
	Device Specific App Data
Stand-alone data files	
	Audio
	Graphic
	Video
	Audio – Deleted
	Graphic - Deleted
	Video - Deleted
Internet Data	
	Visited Sites
	Bookmarks
	E-mail
Location Data	
	GPS Coordinates
	Geo-tagged Data
Social Media Data	
	Facebook
	Twitter
	LinkedIn
	Instagram

Table 2: Internal Memory Data Objects

4 Test Results

This section provides the test cases results reported by the tool. Sections 4.1 - 4.3 identify the mobile device operating system type (e.g., Android, iOS) and the make and model of mobile devices used for testing Secure View v4.1.9.

The *Test Cases* column (internal memory acquisition) in sections 4.1 - 4.3 are comprised of two sub-columns that define a particular test category and individual sub-categories that are verified when acquiring the internal memory for supported mobile devices and UICCs within each test case. Each individual sub-category row results for each mobile device/UICC tested. The results are as follows:

As Expected: the mobile forensic application returned expected test results – the tool acquired and reported data from the mobile device/UICC successfully.

Partial: the mobile forensic application returned some of data from the mobile device/UICC.

Not As Expected: the mobile forensic application failed to return expected test results – the tool did not acquire or report supported data from the mobile device/UICC successfully.

NA: Not Applicable – the mobile forensic application is unable to perform the test or the tool does not provide support for the acquisition for a particular data element.

July 2016 Page **7** of **16** Secure View v4.1.9

4.1 Android Mobile Devices

The internal memory contents for Android devices were acquired and analyzed with Secure View v4.1.9.

All test cases pertaining to the acquisition of supported Android devices were successful with the exception of the following.

- Connectivity was not established for the LG G4 and the Ellipsis 8. All devices were recognized and drivers loaded successfully. *Note: The manufacturer doesn't provide ADB driver for the Ellipsis 8. Support for the Ellipsis 8 will be removed from the supported device list.*
- An informative message when connectivity is disrupted during the acquisition is not provided for the Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E and the Galaxy Tab S2.
- Contacts are partially reported the middle name field is not included for the Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E and the Galaxy Tab S2.
- Memos are not acquired for the Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E and the Galaxy Tab S2.
- Call log data using the application Hangouts dialer is not reported for the Galaxy Tab E and the Galaxy Tab S2. *Note: Only rooted devices are supported.*
- SMS and MMS messages using the application FireChat are not reported for the Galaxy Tab E and the Galaxy Tab S2.
- All recipients included for outgoing group messages are not reported only the last contact entry within the group is included for the Galaxy S6 and the Galaxy S6 Edge Plus.
- Internet related data (Bookmarks, History, Email), GPS (longitude / latitude coordinates), and social media data (Facebook, Twitter, LinkedIn, Instagram) are not acquired for the Motorola Droid Turbo 2, Galaxy S6, Galaxy S6 Edge Plus, Galaxy Tab E and the Galaxy Tab S2.

NOTES:

- Memos are not *reported* for the Motorola Droid Turbo 2. The messages can be extracted from filesystem data from notepad.sqlite.
- ➤ Outgoing group SMS messages report redundant textual portions of the message for each phone number included within the group for the Motorola Droid Turbo 2.
- ➤ When viewing MMS graphic file attachments, the size presented of the graphic file is over-sized and has to be exported for proper viewing.

See Table 3 below for more details.

July 2016 Page **8** of **16** Secure View v4.1.9

Secure View v4.1.9										
		Mobile Device Platform: Android								
Test Cases Memory A		Moto Droid Turbo 2	Galaxy S6	Galaxy S6 Edge Plus	LG G4	Ellipsis 8	Galaxy Tab-E	Galaxy Tab S2		
	Acquire All	As Expected	As Expected	As Expected	Not As Expected	Not As Expected	As Expected	As Expected		
Acquisition	Disrupted	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
	Preview-Pane	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
Reporting	Generated Reports	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
	IMEI	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
Equipment/ User Data	MEID/ESN	NA	NA	NA	NA	NA	NA	NA		
CSCI Data	MSISDN	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
	Contacts	Partial	Partial	Partial	NA	NA	Partial	Partial		
PIM Data	Calendar	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
	Memos/Notes	Partial	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
	Incoming	As Expected	As Expected	As Expected	NA	NA	NA	NA		
Call Logs	Outgoing	As Expected	As Expected	As Expected	NA	NA	NA	NA		
	Missed	As Expected	As Expected	As Expected	NA	NA	NA	NA		
SMS	Incoming	As Expected	As Expected	As Expected	NA	NA	Not As Expected	Not As Expected		
Messages	Outgoing	As Expected	Partial	Partial	NA	NA	Not As Expected	Not As Expected		
	Graphic	As Expected	As Expected	As Expected	NA	NA	Not As Expected	Not As Expected		
MMS Messages	Audio	As Expected	As Expected	As Expected	NA	NA	Not As Expected	Not As Expected		
	Video	As Expected	As Expected	As Expected	NA	NA	Not As Expected	Not As Expected		
	Graphic	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
Stand-alone Files	Audio	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
	Video	As	As	As	NA	NA	As	As		
Application Data	Documents (txt, pdf files)	Expected As Expected	Expected As Expected	Expected As Expected	NA	NA	Expected As Expected	Expected As Expected		

 July 2016
 Page 9 of 16
 Secure View v4.1.9

Secure View v4.1.9										
				Mobile D	evice Platfo	orm: Andro	id			
	- Internal acquisition	Moto Droid Turbo 2	Galaxy S6	Galaxy S6 Edge Plus	LG G4	Ellipsis 8	Galaxy Tab-E	Galaxy Tab S2		
	Facebook	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
Social Media	Twitter	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
Data	LinkedIn	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
	Instagram	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
	Bookmarks	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
Internet Data	History	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
	Email	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
GPS Data	Coordinates/ Geo-tagged	Not As Expected	Not As Expected	Not As Expected	NA	NA	Not As Expected	Not As Expected		
Non-Latin Character	Reported in native format	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
Hashing	Case File/ Individual Files	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		
Case File Data Protection	Modify Case Data	As Expected	As Expected	As Expected	NA	NA	As Expected	As Expected		

Table 3: Android Mobile Devices

July 2016 Page **10** of **16** Secure View v4.1.9

4.2 iOS Mobile Devices

The internal memory contents for iOS devices were acquired and analyzed with Secure View v4.1.9.

All test cases pertaining to the acquisition of supported iOS devices were successful with the exception of the following across all iOS devices.

- An informative message when connectivity is disrupted during the acquisition is not provided for all iOS devices.
- Subscriber and equipment related information (i.e., MSISDN, IMEI) is not reported for all iOS devices.
- Contacts / Address book entries and associated metadata (i.e., graphics, email, URLs, address information) are not acquired for all iOS devices.
- Memos are not acquired for all iOS devices.
- Stand-alone audio files are not acquired for all iOS devices.
- Documents (txt, pdf files) are not acquired for all iOS devices.
- Email related data is not acquired for all iOS devices. *Note: Email related data is not supported. Server side email data will be included in future versions.*
- Social media related data Facebook, Twitter, Instagram (e.g., profile information, status updates, pictures, video, and personal messages) is not reported for all iOS devices.
- Partial social media related data for LinkedIn (i.e., messages) is acquired but not reported. The messages have to be extracted from messenger.sqlite for all iOS devices.
- GPS related data (i.e., waypoints, longitude/latitude coordinates) is not reported for all iOS devices

NOTES:

- For each acquisition, the "Apple iTunes is required" textbox is displayed when iTunes is installed.
- ➤ Outgoing group SMS messages report redundant textual portions of the message for each phone number included within the group.
- ➤ When viewing MMS graphic file attachments, the size presented of the graphic file is over-sized and has to be exported for proper viewing.

See Table 4 below for more details.

July 2016 Page **11** of **16** Secure View v4.1.9

Secure View v4.1.9										
		Mobile Device Platform: iOS								
	s – Internal Acquisition	iPhone 6	iPhone 6S	iPhone 6S Plus	iPad Mini	iPad Pro				
	Acquire All	As Expected	As Expected	As Expected	As Expected	As Expected				
Acquisition	Disrupted	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				
Domontino	Preview-Pane	As Expected	As Expected	As Expected	As Expected	As Expected				
Reporting	Generated Reports	As Expected	As Expected	As Expected	As Expected	As Expected				
	IMEI	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				
Equipment/ User Data	MEID/ESN	NA	NA	NA	NA	NA				
	MSISDN	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				
	Contacts	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				
PIM Data	Calendar	As Expected	As Expected	As Expected	As Expected	As Expected				
	Memos/Notes	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				
	Incoming	As Expected	As Expected	As Expected	NA	NA				
Call Logs	Outgoing	As Expected	As Expected	As Expected	NA	NA				
	Missed	As Expected	As Expected	As Expected	NA	NA				
SMS	Incoming	As Expected	As Expected	As Expected	As Expected	As Expected				
Messages	Outgoing	As Expected	As Expected	As Expected	As Expected	As Expected				
	Graphic	As Expected	As Expected	As Expected	As Expected	As Expected				
MMS Messages	Audio	As Expected	As Expected	As Expected	As Expected	As Expected				
	Video	As Expected	As Expected	As Expected	As Expected	As Expected				
	Graphic	As Expected	As Expected	As Expected	As Expected	As Expected				
Stand-alone Files	Audio	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				
	Video	As Expected	As Expected	As Expected	As Expected	As Expected				
Application Data	Documents (txt, pdf files)	Not As Expected	Not As Expected	Not As Expected	Not As Expected	Not As Expected				

Secure View v4.1.9										
			Mobile L	Pevice Platf	orm: iOS					
	s – Internal Acquisition	iPhone 6	iPhone 6S	iPhone 6S Plus	iPad Mini	iPad Pro				
	Facebook	Not As Expected								
Social Media	Twitter	Not As Expected								
Data	LinkedIn	Partial	Partial	Partial	Partial	Partial				
	Instagram	Not As Expected								
	Bookmarks	As Expected	As Expected	Not As Expected	As Expected	As Expected				
Internet Data	History	As Expected	As Expected	Not As Expected	As Expected	As Expected				
	Email	NA	NA	NA	NA	NA				
GPS Data	Coordinates/ Geo-tagged	Not As Expected								
Non-Latin Character	Reported in native format	As Expected	As Expected	As Expected	As Expected	As Expected				
Hashing	Case File/ Individual Files	As Expected	As Expected	As Expected	As Expected	As Expected				
Case File Data Protection	Modify Case Data	As Expected	As Expected	As Expected	As Expected	As Expected				

Table 4: iOS Mobile Devices

4.3 Blackberry / Windows / Feature Phones

The internal memory contents for the feature phone was acquired and analyzed with Secure View v4.1.9.

All test cases pertaining to the acquisition of supported mobile devices were successful with the exception of the following.

- Connectivity was not established for the Nokia Lumia 735. All devices were recognized and drivers loaded successfully.
- Equipment related information i.e., IMEI was not reported for the LG Extravert.
- The middle name field for Address book contacts was not reported for the Blackberry Q10, Blackberry Z30, HTC Win 8x and the Samsung Rugby III.
- Pictures associated with Address book contacts were not reported for the LG Extravert.
- Non-Latin characters are not presented in their native format for the Samsung Rugby III. Aurélien was reported as Auré?lien, 阿恶哈拉 was reported as ?? ??.
- Pictures and Ringtones were not acquired for the Samsung Rugby III and the LG Extravert.

NOTES:

➤ Acquisition Data Window – "⊗ Read Contacts Failed". Although all contacts were acquired excluding middle name fields for the Blackberry Q10 and Blackberry Z30.

See Table 5 below for more details.

Secure View v4.1.9									
		Mobile	e Device Pla	tform: Blac	kberry, Win	dows, Feature	phones		
Test Cases – Internal Memory Acquisition		ВІаскрепту Q10	ВІаскрепту Z30	HTC Win 8x	Nokia Lumia 735	Samsung Rugby 3	LG Extravert		
Acquisition	Acquire All - Bluetooth	As Expected	As Expected	As Expected	Not As Expected	As Expected	As Expected		
Acquisition	Disrupted	NA	NA	NA	NA	NA	NA		
D (1	Preview-Pane	As Expected	As Expected	As Expected	NA	As Expected	As Expected		
Reporting	Generated Reports	As Expected	As Expected	As Expected	NA	As Expected	As Expected		
Equipment/	IMEI/IMSI	NA	NA	NA	NA	NA	Not As Expected		
User Data	MEID/ESN	NA	NA	NA	NA	NA	NA		

July 2016 Page **14** of **16** Secure View v4.1.9

Secure View v4.1.9								
Mobile Device Platform: Blackberry, Windows, Feature pho								
Memory A	– Internal acquisition	Blackberry Q10	Blackberry Z30	HTCWin 8x	Nokia Lumia 735	Samsung Rugby 3	LG Extravert	
Equipment/ User Data	MSISDN	NA	NA	NA	NA	NA	NA	
	Contacts	Partial	Partial	Partial	NA	Partial	Partial	
PIM Data	Calendar	NA	NA	NA	NA	NA	NA	
	Memos/Notes	NA	NA	NA	NA	NA	NA	
	Incoming	NA	NA	NA	NA	NA	NA	
Call Logs	Outgoing	NA	NA	NA	NA	NA	NA	
	Missed	NA	NA	NA	NA	NA	NA	
SMS	Incoming	NA	NA	NA	NA	NA	NA	
Messages	Outgoing	NA	NA	NA	NA	NA	NA	
	Graphic	NA	NA	NA	NA	NA	NA	
MMS Messages	Audio	NA	NA	NA	NA	NA	NA	
	Video	NA	NA	NA	NA	NA	NA	
	Graphic	NA	NA	NA	NA	Not As Expected	Not As Expected	
Stand-alone Files	Audio	NA	NA	NA	NA	Not As Expected	Not As Expected	
	Video	NA	NA	NA	NA	NA	NA	
Application Data	Documents (txt, pdf files)	NA	NA	NA	NA	NA	NA	
	Facebook	NA	NA	NA	NA	NA	NA	
Social Media	Twitter	NA	NA	NA	NA	NA	NA	
Data	LinkedIn	NA	NA	NA	NA	NA	NA	
	Instagram	NA	NA	NA	NA	NA	NA	
	Bookmarks	NA	NA	NA	NA	NA	NA	
Internet Data	History	NA	NA	NA	NA	NA	NA	
	Email	NA	NA	NA	NA	NA	NA	
GPS Data	Coordinates/ Geo-tagged	NA	NA	NA	NA	NA	NA	

July 2016 Page **15** of **16** Secure View v4.1.9

Secure View v4.1.9									
		Mobile	e Device Pla	tform: Blac	kberry, Win	dows, Feature	phones		
Test Cases – Internal Memory Acquisition		Blackberry Q10	Blackberry Z30	HTC Win 8x	Nokia Lumia 735	Samsung Rugby 3	LG Extravert		
Non-Latin Character	Reported in native format	As Expected	As Expected	As Expected	NA	Not As Expected	As Expected		
Hashing	Case File/ Individual Files	As Expected	As Expected	As Expected	NA	As Expected	As Expected		
Case File Data Protection	Modify Case Data	As Expected	As Expected	As Expected	NA	As Expected	As Expected		

Table 5: Feature Phones

July 2016 Page **16** of **16** Secure View v4.1.9