		Manufac	turer Disclosure Stater	ment for Medical Device Security – MDS <sup>2</sup>		
				E DESCRIPTION		
Devic	e Cate	gory	Manufacturer	Document ID Document Releas	e Date	
1651			Carestream Health, Inc.	AF8767 26-Sep-19		
Devic	e Mode		Software Revision	Software Release		
		ition and Evolution	1.3 and later	Sep-19	24.0	
	eView	tion and Evolution	1.5 and later	Sep 17		
		Company Nar	ne	Manufacturer Contact Information		
	ıfacture	ror II		Telephone #: 1-800-328-2910		
Conta	esentati set	ve	ve Name/Position	e-mail:health.imaging.tsc@carestreamhealth.com		
	nation	_ ·				
		Technical Su	••	<u>:</u>		
Inten	ded us	e of device in networ	k-connected environment:			
			MANAGEME	NT OF PRIVATE DATA		
	D-f		4h:4	town and the control of the control	Yes, No,	#
	Ret	er to Section 2.3.2 of	this standard for the proper int	terpretation of information requested in this form.	N/A, or See Note	Note
A	Can t	his <b>device</b> display, tra	ansmit, or maintain <b>private da</b>	ta (including electronic Protected Health Information	00011010	
	[ePHI		•	`	Yes	
В	_		nents that can be maintained b	by the device:		
	B.1	Demographic (e.g.,	name, address, location, uniq	ue identification number)?	Yes	
	B.2			, test or treatment date, <b>device</b> identification number)?		_
		( 0		,	Yes	
	B.3	Diagnostic/therape	utic (e.g., photo/radiograph, tes	st results, or physiologic data with identifying		
		characteristics)?	, , , , , , , , , , , , , , , , , , , ,		Yes	
	B.4	Open, unstructured	text entered by device user/o	operator?	Yes	
	B.5	Biometric data?			No	
	B.6	Personal financial in	nformation?		No	
С	Maint	aining <b>private data -</b>	Can the <b>device</b> :			
	C.1	Maintain private da	ata temporarily in volatile mem	ory (i.e., until cleared by power-off or reset)?	Yes	
	C.2	Store private data	persistently on local media?		Yes	
	C.3	Import/export priva	te data with other systems?		Yes	
	C.4	Maintain private da	ata during power service interru	uptions?	Yes	
D	Mech	anisms used for the t	ransmitting, importing/exportin	g of <b>private data</b> – Can the <b>device</b> :		
	D.1	Display private data	a (e.g., video display, etc.)?		Yes	
	D.2		reports or images containing		No	_
	D.3	Retrieve private da	ita from or record private data	to removable media (e.g., disk, DVD, CD-ROM, tape,		
		CF/SD card, memo	ry stick, etc.)?		Yes	
	D.4			a dedicated cable connection (e.g., IEEE 1073, serial		
		port, USB, FireWire	,		No	
	D.5	•	rivate data via a wired network	connection (e.g., LAN, WAN, VPN, intranet, Internet,		
		etc.)?			Yes	
	D.6		<b>rivate data</b> via an integrated w	rireless network connection (e.g., WiFi, Bluetooth,		
	_	infrared, etc.)?			Yes	_
	D.7	Import private data	ı via scanning?		No	_
	D.8	Other?			No	_
Mana	gemen	t of				
	te Data					

<sup>©</sup> Copyright 2013 by the National Electrical Manufacturers Association and the Healthcare Information and Management Systems Society.

## Page 18

Device	e Category	Manufacturer	Document ID	Document Release	Date	
16512		Carestream Health, Inc.	AF8767	43734		
Device Model		1		Software Release D	ate	
DRX I Image	Revolution and Evolution	1.3 and later		43709		
Image	V1eW	SECURIT	Y CAPABILITIES			
		02001111	7 07 11 7 12 17 12 12 17 12 0		Yes, No,	#
1		this standard for the proper inte	erpretation of information re	equested in this form.	N/A, or See Note	Note
	AUTOMATIC LOGOFF (A The device's ability to pre	vent access and misuse by una	uthorized users if device i	s left idle for a period of time.		
1-1	•	red to force reauthorization of l session lock, password protec		edetermined length of	Yes	_
	time [fixed or config	ctivity time before auto-logoff/so gurable range] in notes.)			Yes	
	1-1.2 Can auto-logoff/sci user?	een lock be manually invoked (	e.g., via a shortcut key or p	proximity sensor, etc.) by the	Yes	_
ALOF notes:						
2	AUDIT CONTROLS (AUD	T)				
	The ability to reliably audit	activity on the <b>device</b> .				
2-1	Can the <b>medical device</b> of	reate an <b>audit trail</b> ?			Yes	_
2-2	Indicate which of the follow	ving events are recorded in the	audit log:			
	2-2.1 Login/logout				Yes	_
	2-2.2 Display/presentation	n of data			Yes	_
	2-2.3 Creation/modificati	on/deletion of data			Yes	_
	2-2.4 Import/export of da	ta from <b>removable media</b>			Yes	
	2-2.5 Receipt/transmissi	on of data from/to external (e.g.	, network) connection		Yes	_
	2-2.5.1 Remote serv	rice activity			Yes	_
	2-2.6 Other events? (des	cribe in the notes section)			Yes	1
2-3	Indicate what information	s used to identify individual eve	ents recorded in the audit lo	g:		
	2-3.1 <b>User</b> ID				Yes	
	2-3.2 Date/time				Yes	_
AUDT notes:	1) Standard Windo	ows audit log events				
3	AUTHORIZATION (AUTH					
	The ability of the device to	determine the authorization of	users.			
3-1	Can the <b>device</b> prevent ac	ccess to unauthorized <b>users</b> thr	ough <b>user</b> login requireme	nts or other mechanism?	Yes	
3-2	power users, administrato				Yes	_
3-3	application via local root o	· · · · · · · · · · · · · · · · · · ·			Yes	2
AUTH notes:	Account with Adn	ers do not have Administrator in sinistrator rights to perform cer ount does not have direct access	tain actions such as changi	ng Computer Name, IP Addre		his

© Copyright 2013 by the National Electrical Manufacturers Association and the Healthcare Information and Management Systems Society.

Device	e Category	Manufacturer	Document ID	Document Release	Date	
16512	= -	Carestream Health, Inc.	AF8767	43734	Date	
l- — —	Model	Software Revision		Software Release D		
	Revolution and Evolution	1.3 and later		43709	alc	
Image		1.5 und luter		15705		
	Refer to Section 2.3.2 of the	his standard for the proper in	terpretation of information r	requested in this form.	Yes, No, N/A, or See Note	Note #
4		CURITY FEATURES (CNFS) Onfigure device security cap	pabilities to meet users' ne	eeds.		
4-1	Can the <b>device</b> owner/oper	ator reconfigure product sec	urity capabilities?		Yes	
CNFS notes:						
5	CYBER SECURITY PRODU	JCT UPGRADES (CSUP)				
	The ability of on-site service	e staff, remote service staff, o	or authorized customer staff	to install/upgrade <b>device</b> 's sec	urity patches	i.
5-1	Can relevant OS and devic	e security patches be applied	d to the <b>device</b> as they bec	ome available?	Yes	3
	5-1.1 Can security patches	s or other software be installe	ed remotely?		Yes	
CSUP notes:	3) Third party / Ope	rating System security patch	es are first verified by Care	estream and then recommended	for installati	ion.
6	HEALTH DATA DE-IDENTI	FICATION (DIDT)				
	The ability of the <b>device</b> to	directly remove information t	hat allows identification of a	person.		
6-1 DIDT	Does the <b>device</b> provide an	integral capability to de-ider	ntify private data?		Yes	-
notes:	DATA BACKUP AND DISA	STER RECOVERY (DTBK)				-
		lamage or destruction of <b>dev</b>	rice data, hardware, or soft	ware.		
7-1	Does the <b>device</b> have an in such as tape, disk)?	tegral data backup capability	(i.e., backup to remote sto	rage or <b>removable media</b>	Yes	4
DTBK notes:		n to backup exam and image		ata via removable media. The s nded to be capture devices only	-	
8	<b>EMERGENCY ACCESS (E</b>	MRG)				
	The ability of device users private data.	to access <b>private data</b> in ca	se of an emergency situation	on that requires immediate acce	ss to stored	
8-1	Does the <b>device</b> incorporate	e an <b>emergency access</b> ("bi	reak-glass") feature?		Yes	5
EMRG notes:		the option of creating an en		nt. This is accomplished by crency situations.	ating a user	
9	HEALTH DATA INTEGRITY	AND AUTHENTICITY (IGA	U)			_
	How the <b>device</b> ensures the from the originator.	at data processed by the <b>dev</b>	rice has not been altered or	destroyed in an unauthorized n	nanner and is	s
9-1	Does the <b>device</b> ensure the	integrity of stored data with	implicit or explicit error dete	ection/correction technology?	Yes	
IGAU notes:						

Page: 3 of 6

Device	e Category	Manufacturer	Document ID	Document Release	Date	
16512		Carestream Health, Inc.	AF8767	43734		
Device	e Model	Software Revision		Software Release D	Date	
DRX I	Revolution and Evolution	1.3 and later		43709		
Image	View					
	Refer to Section 2.3.2 of the	nis standard for the proper inte	erpretation of information re	equested in this form.	Yes, No, N/A, or See Note	Note #
10	MALWARE DETECTION/PI The ability of the device to e	ROTECTION (MLDP) effectively prevent, detect and	remove malicious softwar	re (malware).		
10-1	Does the <b>device</b> support the	e use of <b>anti-malware</b> softwa	re (or other anti-malware	mechanism)?	Yes	
	10-1.1 Can the <b>user</b> indepe	ndently re-configure anti-mal	ware settings?	·	N/A	6
	10-1.2 Does notification of r	nalware detection occur in the	e device user interface?		N/A	_
	10-1.3 Can only manufactur	er-authorized persons repair	systems when <b>malware</b> ha	as been detected?	Yes	
10-2	Can the device owner install	or update anti-virus softwar	re?		No	6
10-3	Can the device owner/opera virus software?	ntor (technically/physically) up	odate virus definitions on m	nanufacturer-installed <b>anti-</b>	No	6
MLDP notes:		a Intrusion Detection and Pre	•	al System Protection: Critical lists applications and does not	•	
11	NODE AUTHENTICATION (	NAUT)				
	The ability of the <b>device</b> to a	authenticate communication p	artners/nodes.			
11-1 NAUT		oport any means of node auth to each other and are authoriz			No	_
notes:						
12	PERSON AUTHENTICATIO					
	Ability of the <b>device</b> to author	enticate <b>users</b>				
12-1	Does the <b>device</b> support us	er/operator-specific usernam	ne(s) and password(s) for a	at least one <b>user</b> ?	Yes	
		oort unique <b>user/operator-</b> sp			Yes	
12-2	Can the <b>device</b> be configure Directory, NDS, LDAP, etc.)	ed to authenticate <b>users</b> throu?	igh an external authenticat	tion service (e.g., MS Active	No	
12-3	Can the <b>device</b> be configure	ed to lock out a <b>user</b> after a co	ertain number of unsucces	sful logon attempts?	7.7	
					Yes	
12-4		hanged at/prior to installation	?		Yes See Note	7
12-5 12-6	Are any shared <b>user</b> IDs use Can the <b>device</b> be configure rules?	ed in this system? ed to enforce creation of <b>user</b>	account passwords that m	neet established complexity		/
12-7		ed so that account passwords	evnire periodically?		Yes	
12-1	· ·	·		t and the	Yes	
PAUT notes:	authentication (passy Field Engineer. Furt	word plus certificate). All oth her, the password can be con-	er users have unique acco	ice that requires a unique secon unts. The certificate uniquely in tr.		h
	•			rom compromising the integrity	and	
13-1	• •	maintaining <b>private data</b> (oth		) physically secure (i.e.,	Yes	8
PLOK notes:	8) Tools are required	I to gain access to the PC.				

Device	Category	Manufacturer	Document ID	Document Release	Date	
16512		Carestream Health, Inc.	AF8767	43734		
Device	Model	Software Revision	'	Software Release D	 ate	
DRX I	Revolution and Evolution	1.3 and later		43709		
Image	View					
	Refer to Section 2.3.2 of th	is standard for the proper into	ernretation of information re	equested in this form	Yes, No, N/A, or	# :e
	TREET TO OCCUPIT 2.0.2 OF UT	a standard for the proper mit	crpretation of information is	equested in this form.	See Note	Note
14	ROADMAP FOR THIRD PAI Manufacturer's plans for sec					
14-1	In the notes section, list the pincluding version number(s).	provided or required (separat	ely purchased and/or delive	ered) operating system(s) -	See Note	9
14-2	Is a list of other third party ap	oplications provided by the m	anufacturer available?		Yes	
RDMP	0	Enterprise 2016 LTSB - Prov				
notes:	,	1				
15	SYSTEM AND APPLICATION	N HARDENING (SAHD)				
	The <b>device</b> 's resistance to c	` ,				
15-1	Does the <b>device</b> employ any industry-recognized hardening	_	se indicate in the notes the	level of conformance to any	Yes	10
15-2	Does the <b>device</b> employ any installed program/update is t	` • •			Yes	_
15-3	Does the <b>device</b> have extern	al communication capability	(e.g., network, modem, etc	c.)?	Yes	
15-4	Does the file system allow th (NTFS) for MS Windows plat	•	l access controls (e.g., Nev	v Technology File System	Yes	
15-5	Are all accounts which are no and applications?	ot required for the <b>intended</b> (	use of the device disabled	or deleted, for both users	Yes	_
15-6	Are all shared resources (e.g	լ., file shares) which are not r	required for the <b>intended</b> u	se of the device, disabled?	Yes	_
15-7	Are all communication ports	·			Yes	_
15-8	Are all services (e.g., telnet, required for the <b>intended us</b>	e of the device deleted/disab	bled?		Yes	_
15-9	Are all applications (COTS a which are not required for the	e intended use of the device	e deleted/disabled?	, ,	Yes	_
	component)?		·	an an internal drive or memory	Yes	11
15-11	Can software or hardware no tools?	it authorized by the <b>device</b> m	nanufacturer be installed or	n the device without the use of	No	_
SAHD	notes: 10) STIG Complianc		es Field Engineer to config	ure BIOS which is password pr	otected	
16	SECURITY GUIDANCE (SG		as Field Engineer to config	ure Bios winen is password pr	otected.	
	· ·	•	ninistrator of the system ar	nd manufacturer sales and servi	ce.	
16-1	Are security-related features				Yes	
16-2	Are instructions available for deletion of personal or other	device/media sanitization (i.		achieve the permanent	Yes	_
	·	·····/·				
SGUD	notes:					

Device	e Category	Manufacturer	Document ID	Document Release	Date	
16512		Carestream Health, Inc.	AF8767	43734		
Device	e Model	Software Revision		Software Release [	Date	
	Revolution and Evolution	1.3 and later		43709		
Image	View				V N	
	Refer to Section 2.3.2 of t	his standard for the proper int	erpretation of information red	quested in this form.	Yes, No, N/A, or See Note	Note #
17	HEALTH DATA STORAGE	CONFIDENTIALITY (STCF)				
	The ability of the <b>device</b> to on <b>device</b> or <b>removable</b> m	ensure unauthorized access on edia.	does not compromise the int	egrity and confidentiality of <b>p</b> ı	<b>rivate data</b> st	ored
17-1	Can the <b>device</b> encrypt dat	a at rest?			Yes	12
STCF notes:	12) Requires option	al self-encrypting hard drive				
18	TRANSMISSION CONFIDE	ENTIALITY (TXCF)				
	The ability of the <b>device</b> to	ensure the confidentiality of tr	ansmitted <b>private data</b> .			
18-1	Can <b>private data</b> be transm	nitted only via a point-to-point	dedicated cable?		Yes	_
18-2	Is <b>private data</b> encrypted p which encryption standard i	rior to transmission via a netw s implemented.)	vork or <b>removable media?</b> (	If yes, indicate in the notes	No	
18-3	Is private data transmission	n restricted to a fixed list of ne	etwork destinations?		Yes	
TXCF notes:						
19	TRANSMISSION INTEGRITMENT The ability of the device to	TY (TXIG) ensure the integrity of transm	itted <b>private data</b> .			
19-1	Does the <b>device</b> support ar describe in the notes sectio	ny mechanism intended to ens on how this is achieved.)	sure data is not modified dur	ing transmission? (If yes,	No	
TXIG notes:						
20	OTHER SECURITY CONSI Additional security conside	IDERATIONS (OTHR) rations/notes regarding medic	cal device security.			
20-1	Can the <b>device</b> be serviced	I remotely?			Yes	
20-2	Can the <b>device</b> restrict remaddresses)?	ote access to/from specified o	devices or <b>users</b> or network	locations (e.g., specific IP	Yes	
	20-2.1 Can the <b>device</b> be o	configured to require the local	user to accept or initiate ren	note access?	Yes	
OTHR notes:						