	Manufacturer Disclosure Statem	nent for Medical Device Security – MDS ²			
	DEVICE	DESCRIPTION			
Device Category Manufacturer Document ID Document Release					
16512	Carestream Health, Inc.	9K2708 9-Mar-18			
Device Model	Software Revision	Software Release	Date		
OnSight 3D E	Extremity ImageView 1.0 and later	Jan. 2017			
Manufacturer	Company Name	Manufacturer Contact Information			
Representativ	-Carastroom Hoolth Inc	Telephone #: 1-800-328-2910			
Contact	Representative Name/Position	ition e-mail:health.imaging.tsc@carestreamhealth.com			
Information	Technical Support	I			
Intended use	e of device in network-connected environment:				
	MANAOEMEN	IT OF DRIVATE DATA		-	
	MANAGEMEN	NT OF PRIVATE DATA	Van Na		
Refe	er to Section 2.3.2 of this standard for the proper inte	erpretation of information requested in this form	Yes, No, N/A, or	te #	
INCIC	1 to occitor 2.5.2 of this standard for the proper inte	repretation of information requested in this form.	See Note	Note	
A Can th	is device display, transmit, or maintain private dat	a (including electronic Protected Health Information			
[ePHI])?		Yes		
B Types	of private data elements that can be maintained by				
B.1 Demographic (e.g., name, address, location, unique identification number)?					
B.2 Medical record (e.g., medical record #, account #, test or treatment date, device identification number)?					
D 2	Discussivity and state of the s	t van den av vela la via data videla idanetit in a	Yes	_	
B.3	Diagnostic/therapeutic (e.g., photo/radiograph, test characteristics)?	t results, or physiologic data with identifying	Yes		
B.4	Open, unstructured text entered by device user/o	nerator?	Yes	_	
B.5	Biometric data?	perator:	No		
B.6 Personal financial information?					
C Mainta	aining private data - Can the device :				
C.1 Maintain private data temporarily in volatile memory (i.e., until cleared by power-off or reset)?					
C.2	Store private data persistently on local media?		Yes	_	
C.3	Import/export private data with other systems?		Yes	_	
C.4	Maintain private data during power service interru	•	Yes	_	
	anisms used for the transmitting, importing/exporting	g of private data – Can the device :	Vac		
D.1 D.2	Display private data (e.g., video display, etc.)?	suivete dete	Yes Yes		
D.2 D.3	Generate hardcopy reports or images containing p	to removable media (e.g., disk, DVD, CD-ROM, tape,	103		
D.5	CF/SD card, memory stick, etc.)?	to removable media (e.g., disk, DVD, CD-KOW, tape,	Yes		
D.4		dedicated cable connection (e.g., IEEE 1073, serial	100		
	port, USB, FireWire, etc.)?	(0.9., :=== 10.0, 00.11.	Yes		
D.5	Transmit/receive private data via a wired network	connection (e.g., LAN, WAN, VPN, intranet, Internet,			
	etc.)?	· -	Yes		
D.6	Transmit/receive private data via an integrated win	reless network connection (e.g., WiFi, Bluetooth,			
	infrared, etc.)?		No	_	
D.7	Import private data via scanning?		No	_	
D.8	Other?		No	_	
	,				
Management Private Data r					
valo bala i	10.00.				

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16512		Carestream Health, Inc.	9K2708	43168			
				Software Release Da	ate		
OnSig	OnSight 3D Extremity ImageView 1.0 and later Jan. 2017						
		SECURIT	Y CAPABILITIES				
	Refer to Section 2.3.2	of this standard for the proper inte	erpretation of information (requested in this form.	Yes, No, N/A, or	te #	
_			, p. 0.0		See Note	Note	
1	AUTOMATIC LOGOFF	· (ALOF) prevent access and misuse by una	uthorized users if device	is left idle for a period of time			
1-1		figured to force reauthorization of le		·			
l'''	inactivity (e.g., auto-log	off, session lock, password protect	ted screen saver)?	-	Yes	_	
		nactivity time before auto-logoff/sc nfigurable range] in notes.)	reen lock user or adminis	trator configurable? (Indicate	Yes	1	
	1-1.2 Can auto-logoff/	screen lock be manually invoked (e.g., via a shortcut key or	proximity sensor, etc.) by the	Yes		
	user?	ream authentication the available	auto-logoff times are: 5 1	10 15 30 60 minutes or Never	103	_	
ALOF notes:	1) Using Curest	ream authoritication the available	auto logoli times are. 3, 1	10, 13, 30, 00 minutes of frever.			
2	AUDIT CONTROLS (A	UDT) udit activity on the device.					
2.1		e create an audit trail?			**		
2-1 2-2			audit lage		Yes	_	
2-2		llowing events are recorded in the	audit log.				
	2-2.1 Login/logout	ation of data			Yes		
	2-2.2 Display/present				Yes	-	
	2-2.3 Creation/modific				Yes		
		data from removable media			Yes		
	·	ssion of data from/to external (e.g.	, network) connection		Yes		
	2-2.5.1 Remote s	•			Yes		
	2-2.6 Other events? (describe in the notes section)			Yes	2	
2-3	Indicate what information	on is used to identify individual eve	nts recorded in the audit l	og:			
	2-3.1 User ID				Yes		
	2-3.2 Date/time				Yes	_	
	2) Startup, Shut	down & User Configuration change	ges				
AUDT							
notes:							
3	AUTHORIZATION (AU	-					
L .	,	e to determine the authorization of					
3-1	Can the device preven	t access to unauthorized users thr	ough user login requirem	ents or other mechanism?	Yes		
3-2	Can users be assigned power users , administr	d different privilege levels within an	application based on 'role	es' (e.g., guests, regular users,	Yes		
3-3	Can the device owner/	operator obtain unrestricted admir	nistrative privileges (e.g., a	access operating system or	Yes		
	application via local root or admin account)? 3) Technologist users do not have Administrator rights. Key Operator (Site Administrator) users can use a					3	
AUTH		users do not have Administrator in the desiration is desirated and desired to the desired desired to				This	
notes:		count does not have direct access			5 140tc. 1	1113	

Davisas	Cataman	NA an efection as	Decument ID	Decument Deleges	Data	_
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Device	Model	Software Revision		Software Release D	ate	
OnSig	ht 3D Extremity ImageVie	w 1.0 and later		Jan. 2017		
					Yes, No,	#
	Refer to Section 2.3.2 of	this standard for the proper inte	erpretation of information	on requested in this form.	N/A, or See Note	Note
4	CONFIGURATION OF SE	CURITY FEATURES (CNFS)				
	The ability to configure/re-	configure device security capa	abilities to meet users'	' needs.		
4-1	Can the device owner/ope	erator reconfigure product secu	rity capabilities?		Yes	
	·	.			100	
CNFS notes:						
5	CYBER SECURITY PROD	OUCT UPGRADES (CSUP)				
	The ability of on-site service	e staff, remote service staff, or	authorized customer s	taff to install/upgrade device 's sec	urity patches	i.
5-1	Can relevant OS and devi	ce security patches be applied	to the device as they b	ecome available?	Yes	4
	5-1.1 Can security patch	es or other software be installed	d remotely?		Yes	
CSUP notes:		erating System security patche then provided with the updates		arestream and then recommended	for installati	on.
6	HEALTH DATA DE-IDEN	TFICATION (DIDT)				\neg
	The ability of the device to	directly remove information the	at allows identification of	of a person.		
6-1	Does the device provide a	in integral capability to de-ident	ify private data?		Yes	
DIDT notes:					100	
7	DATA BACKUP AND DIS	ASTER RECOVERY (DTBK)				_
		damage or destruction of devi e	ce data, hardware, or so	oftware.		
7-1	Does the device have an	integral data backup capability			V	_
	such as tape, disk)?	at 1997 a 17	1 1 6 6 4	1	Yes	5
L				n data via removable media. The s		
DTBK	forwarded to the P		data. The systems are ii	ntended to be capture devices only	and images	are
notes:	forwarded to the r	ACS.				
8	EMEDGENCY ACCESS /	EMPC)				_
8	The ability of device users	•	e of an emergency situ	ation that requires immediate acce	ee to etored	
	private data.	to access private data in cas	e of all efficigency situa	ation that requires infinediate acce	ss to stored	
8-1	Does the device incorpora	ate an emergency access ("bre	eak-glass") feature?		Yes	6
E D. O	6) The customer ha	as the option of creating an eme	ergency access user acc	count. This is accomplished by cre	ating a user	
EMRG notes:	account and safegu	arding the password such that	it can be used for emer	gency situations.		
9		Y AND AUTHENTICITY (IGAU	•			
	How the device ensures the from the originator.	nat data processed by the devi	ce has not been altered	I or destroyed in an unauthorized r	nanner and is	3
9-1	Does the device ensure th	ne integrity of stored data with in	mplicit or explicit error d	letection/correction technology?		
	_ 130 a.c 101100 onodio ti				No	
IGAU notes:						
110163.						

Device Category 16512		Manufacturer Document ID Carestream Health, Inc. 9K2708		Document Release Date 43168		
			982708			
	e Model ht 3D Extremity ImageView	Software Revision		Software Release Jan. 2017	Date	
Olisig		<u> </u>	interpretation of information re	<u> </u>	Yes, No, N/A, or See Note	Note #
10	MALWARE DETECTION/PR	ROTECTION (MLDP)			00011010	
	The ability of the device to e	effectively prevent, detect a	and remove malicious software	e (malware).		
10-1			ware (or other anti-malware n	nechanism)?	No	_
	10-1.1 Can the user independent10-1.2 Does notification of n				N/A N/A	7
			air systems when malware ha	s been detected?	14/11	_
	,		,		Yes	
10-2	Can the device owner install				No	7
10-3	Can the device owner/opera virus software?	tor (technically/physically)	update virus definitions on ma	anufacturer-installed anti-	No	7
		View systems come pre-ii	nstalled with Symantec Embed	dded Security: Critical System		
MLDP notes:	•	a Intrusion Detection and l	Prevention System. It white-li	•		tes. It
11	NODE AUTHENTICATION (NAUT)				
	The ability of the device to a	authenticate communicatio	n partners/nodes.			
11-1		•	uthentication that assures both			
	recipient of data are known t	o each other and are auth	orized to receive transferred in	Iformation?	No	
NAUT						
notes:						
12	PERSON AUTHENTICATIO	N (PAUT)				
	Ability of the device to author					
12-1	Does the device support us	er/operator-specific usern	name(s) and password(s) for a	t least one user?		
					Yes	_
·	12-1.1 Does the device supp	port unique user/operator	-specific IDs and passwords fo	or multiple users?	V	
12-2	Can the device he configure	nd to authoricate usars th	rough an external authenticati	on sorvice (e.g. MS Active	Yes	
12-2	Directory, NDS, LDAP, etc.)		nough an external authenticati	on service (e.g., IVIS Active	No	
12-3	Can the device be configure	ed to lock out a user after a	a certain number of unsuccess	sful logon attempts?		
ļ. <u>.</u> .			•		No	8
12-4 12-5	Can default passwords be ch Are any shared user IDs use	• ,	on?		Yes See Note	8
12-6		· ·	ser account passwords that me	eet established complexity	See Trote	
	rules?		·	, ,	Yes	8
12-7	Can the device be configure	ed so that account passwor	rds expire periodically?		Yes	
PAUT notes:	Windows OS comes		uthentication with individual ut for technologists, and separa		-	The
13	PHYSICAL LOCKS (PLOK)					
	• • •	ınauthorized users with ph	nysical access to the device from the contract of the contra	om compromising the integrit	y and	
13-1	Are all device components r cannot remove without tools	••	other than removable media)	physically secure (i.e.,	Yes	9

PLOK notes:

9) Varies with the product. Mobile systems require tools to gain access to the PC. In-Room products have keyed cases available.

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OnSig	OnSight 3D Extremity ImageView 1.0 and later Jan. 2017					
				•	Yes, No,	#
	Refer to Section 2.3.2 of the	nis standard for the proper inte	erpretation of information	requested in this form.	N/A, or See Note	Note
14		RTY COMPONENTS IN DEV	•			\neg
	Manufacturer's plans for sec	curity support of 3rd party com	ponents within device life	e cycle.		
14-1	1 In the notes section, list the provided or required (separately purchased and/or delivered) operating system(s) - including version number(s).					10
14-2	Is a list of other third party a	pplications provided by the ma	anufacturer available?		Yes	
	10) Windows 8.1 Pro	ofessional - Provided				
RDMP						
notes:						
15	SYSTEM AND APPLICATION	ON HARDENING (SAHD)				_
	The device 's resistance to d	• • •				
15-1		y hardening measures? Pleas	se indicate in the notes th	ne level of conformance to any	No	
15-2		y mechanism (e.g., release-sp the manufacturer-authorized p			No	
15-3	· -	nal communication capability	-		Yes	
15-4		ne implementation of file-level			Yes	
15-5		not required for the intended u	use of the device disable	ed or deleted, for both users	Yes	
15-6		g., file shares) which are not re	equired for the intended	use of the device, disabled?	Yes	
15-7	-7 Are all communication ports which are not required for the intended use of the device closed/disabled?					
15-8		file transfer protocol [FTP], in se of the device deleted/disab		[IIS], etc.), which are not	Yes	
15-9	Are all applications (COTS a	applications as well as OS-incle intended use of the device	uded applications, e.g., N	MS Internet Explorer, etc.)	Yes	
15-10				han an internal drive or memory	Yes	11
15-11	. ,	ot authorized by the device m	anufacturer be installed of	on the device without the use of	No	
SAHD	notes: 11) System can boot	from DVD or USB - requires	s Field Engineer to confi	gure BIOS which is password p	rotected.	
16	SECURITY GUIDANCE (SO	SUD)				-
			ninistrator of the system a	and manufacturer sales and serv	rice.	
16-1	, , , , ,	documented for the device u	•		Yes	
16-2	•	r device/media sanitization (i.e		achieve the permanent	103	_
	deletion of personal or other	•	. ,	2.2	Yes	-
SGUD	notes:					

Device	e Category	Manufacturer	Document ID	Document Release	Date	
16512		Carestream Health, Inc.	9K2708	43168		
Device	e Model	Software Revision		Software Release I	Date — —	
OnSig	ht 3D Extremity ImageVie			Jan. 2017		
Г	Refer to Section 2.3.2 of	this standard for the proper in	terpretation of information	requested in this form.	Yes, No, N/A, or See Note	Note #
17		E CONFIDENTIALITY (STCF)		integrity and confidentiality of p		
	on device or removable n		ades not compromise the	integrity and confidentiality of p	ivate data s	stored
17-1	Can the device encrypt da	ta at rest?			No	
STCF notes:						
18	TRANSMISSION CONFID	ENTIALITY (TXCF)				
	The ability of the device to	ensure the confidentiality of t	ransmitted private data.			
18-1	Can private data be transi	mitted only via a point-to-point	dedicated cable?		Yes	
18-2	Is private data encrypted which encryption standard	prior to transmission via a netwis is implemented.)	work or removable media	? (If yes, indicate in the notes	No	
18-3		on restricted to a fixed list of ne	etwork destinations?		Yes	
TXCF notes:						
19	TRANSMISSION INTEGR	ITY (TXIG)				
	The ability of the device to	ensure the integrity of transm	nitted private data .			
19-1	Does the device support a describe in the notes section	ny mechanism intended to en on how this is achieved.)	sure data is not modified o	during transmission? (If yes,	No	
TXIG notes:						
20	OTHER REQUIRETY COME	NIDED ATIONS (OTUB)				
20	OTHER SECURITY CONS	erations/notes regarding medi	cal device security			
20-1	•		car actice security.			
20-1	Can the device be service Can the device restrict ren	note access to/from specified	devices or users or netwo	ork locations (e.g., specific IP	Yes	
	addresses)?	configured to require the local	user to accept or initiate	remote access?	Yes	
		ooningarou to roquiro tro rocar	acor to assopt or initiato	ionido decede.	Yes	
OTHR notes:						