		Manuf	acturer Disclosure Sta	tement for Medical Device Secur	ity – MDS ²		
				ICE DESCRIPTION	,		
Devic	e Cate	norv	Manufacturer		ocument Release Da	ate	
					3/14/2018		
		·I	Software Revision		Software Release Date		
Tride	nt		1.1		3/14/2012		
Manu	facture	Company N		Manufacturer Contact Information			
	esentati	Hologic Ir	nc	Meghan.Fremont@hologic.com			
Conta			ative Name/Position				
Inforn	nation	Meghan Fr		I			
Inton	מסק וופי		vork-connected environment:				
featur	res an ir	ntuitive user interfa	ace ideal for non-technical ope	e system used to image surgical and core bi- erators, with one-touch X-ray automatic ex- system incorporates easy-to-use software v	posure control (AEC	C), a lighted	d
			MANAGEN	IENT OF PRIVATE DATA			
Г	Ref	er to Section 2.3.2	of this standard for the proper	rinterpretation of information requested in the		Yes, No, N/A, or See Note	Note #
А	Can t	his device display,	transmit, or maintain private	data (including electronic Protected Healt	th Information		
	[ePHI])?				Yes	
В	Types	of private data el	ements that can be maintaine	d by the device :			
	B.1	Demographic (e.	g., name, address, location, u	nique identification number)?		Yes	
	B.2	Medical record (e	e a medical record # accoun	t #, test or treatment date, device identifica	tion number)?	103	
	D.L	Wodical Tooola (C	g., modical record ", account	t in, took of troutiness date, device sacration	don nambor).	Yes	
	B.3	Diagnostic/therap	peutic (e.g., photo/radiograph,	test results, or physiologic data with identify	ying	Yes	
	B.4	Open, unstructur	ed text entered by device use	er/operator?		Yes	_
	B.5	Biometric data?	•			No	
	B.6	Personal financia				No	_
С			a - Can the device:			110	
	C.1	٠.		emory (i.e., until cleared by power-off or res	et)?	Yes	
	C.2	-	ta persistently on local media?		- ,	Yes	
	C.3	-	vate data with other systems?			Yes	
	C.4		data during power service into			Yes	
D			= :	rting of private data – Can the device :			
	D.1		ata (e.g., video display, etc.)?			Yes	
	D.2		by reports or images containing	ng private data?		No	
	D.3		data from or record private d	ata to removable media (e.g., disk, DVD, 0	CD-ROM, tape,	Yes	
	D.4	Transmit/receive USB, FireWire, e		via dedicated cable connection (e.g., IEEE	1073, serial port,	Yes	
	D.5	Transmit/receive etc.)?	private data via a wired netw	vork connection (e.g., LAN, WAN, VPN, intra	anet, Internet,	Yes	
	D.6	Transmit/receive infrared, etc.)?	private data via an integrated	d wireless network connection (e.g., WiFi, B	luetooth,	Yes	
	D.7	Import private da	ata via scanning?			No	
	D.8	Other?	Ü			No	_
	gement te Data						

Device Category		Manufacturer	Document ID	Document Release	Date	
Specimen Radiography System		Hologic, Inc	MAN-03142, Revision 003	8/14/2018		
Device Model		Software Revision Software Release I				
Triden	t	1.1		8/14/2012		
		SECI	JRITY CAPABILITIES			
	Refer to Section 2.3.2 of	this standard for the prope	er interpretation of information requested	in this form.	Yes, No, N/A, or See Note	Note #
1	AUTOMATIC LOGOFF (A	LOF)			000.1010	
	The device 's ability to prev	rent access and misuse by	unauthorized users if device is left idle	for a period of time.		
1-1	Can the device be configured inactivity (e.g., auto-logoff,		n of logged-in user (s) after a predeterminate of logged screen saver)?	ned length of	Yes	
	time [fixed or config	urable range] in notes.)	off/screen lock user or administrator con		Yes	1 min
	user?		ked (e.g., via a shortcut key or proximity	sensor, etc.) by the	Yes	_
ALOF notes:	Inactivity logout in	terval configurable by cus	stomer.			
2	AUDIT CONTROLS (AUD	Τ\				
Γ	The ability to reliably audit	•				
2-1	Can the medical device co	reate an audit trail ?			No	
2-2	Indicate which of the following events are recorded in the audit log:					
	2-2.1 Login/logout					
	2-2.2 Display/presentation of data					
	2-2.3 Creation/modification	on/deletion of data			No Yes	
	2-2.4 Import/export of data from removable media					
	2-2.5 Receipt/transmission	on of data from/to external	(e.g., network) connection		No No	_
	2-2.5.1 Remote service activity					
	2-2.6 Other events? (describe in the notes section)					
2-3	Indicate what information is	s used to identify individua	ll events recorded in the audit log:		N/A	
	2-3.1 User ID					
	2-3.2 Date/time				No	_
AUDT notes:						
3	AUTHORIZATION (AUTH))				
	The ability of the device to	determine the authorization	on of users.			
3-1	Can the device prevent ac	cess to unauthorized user	rs through user login requirements or oth	ner mechanism?	Yes	
3-2	power users, administrator	rs, etc.)?	in an application based on 'roles' (e.g., g	-	Yes	
3-3	application via local root or	admin account)?	administrative privileges (e.g., access op		Yes	
AUTH notes:		dividual operator account ounts and revoke existing	s and differing operator roles (Technolo accounts.	gic and Manager.) Ma	nager level ι	ısers

Davis	Catagoni	Manufacturer	Document ID	Desument Delege	- Data	
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Specimen Radiography System		Hologic, Inc	MAN-03142, Revision 003	8/14/2018		
Device Model		Software Revision		Software Release	Date	1
Triden	nt	1.1		8/14/2012		
					Yes, No,	
	Refer to Section 2.3.2 of	this standard for the prope	er interpretation of information requested	in this form.	N/A, or See Note	Note #
4	CONFIGURATION OF SE	CURITY FEATURES (CN	FS)			
		•	capabilities to meet users' needs.			
	, ,	•	•			
4-1	Can the device owner/ope	rator reconfigure product s	security capabilities?		No	
CNFS notes:						
5	CYBER SECURITY PROD	UCT UPGRADES (CSUP	2)			
			ff, or authorized customer staff to install/u	upgrade device 's se	curity patches.	
5-1	Can relevant OS and device	e security patches be app	olied to the device as they become availa	able?	No	
	5-1.1 Can security patche		·			
	5-1.1 Can security paterie	s of other software be ins	talled femotely!		No	
CSUP notes:						
6	HEALTH DATA DE-IDENT	TFICATION (DIDT)				
			on that allows identification of a person.			
6.1	•	-				
6-1	Does the device provide a	n integral capability to de-	dentity private data?		Yes	_
DIDT notes:						
7	DATA BACKUP AND DISA	ASTER RECOVERY (DTE	BK)			
	The ability to recover after	damage or destruction of	device data, hardware, or software.			
7-1	Does the device have an in such as tape, disk)?	ntegral data backup capab	oility (i.e., backup to remote storage or re	movable media	No	
	System only acts as	s a temporary store of pati	ent data before it is transmitted to PACS	S Any disaster recov	very will be	
DTBK notes:	performed by Holo		on data service it is transmitted to 1710.	. They disaster recov	cry will be	
8	EMERGENCY ACCESS (E	EMRG)				
	The ability of device users private data.	to access private data in	a case of an emergency situation that req	uires immediate acc	ess to stored	
8-1	Does the device incorpora	te an emergency access	("break-glass") feature?		No	
EMRG notes:						
9	HEALTH DATA INTEGRIT	Y AND AUTHENTICITY (IGAU)			
		·	device has not been altered or destroyed	d in an unauthorized	manner and is	from
9-1	Does the device ensure the	e integrity of stored data w	vith implicit or explicit error detection/corr	ection technology?	No	
IGAU notes:						

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Device Model		Software Revision		Software Release D	ate	
Triden	nt	1.1		8/14/2012		
					Yes, No,	#
			r interpretation of information requested	in this form.	N/A, or See Note	Note #
10	MALWARE DETECTION/P					
	•	, ,	and remove malicious software (malwa	,	*7	
10-1			tware (or other anti-malware mechanisi	m)?	Yes Yes	
	10-1.1 Can the user indepe	-	malware settings? n the device user interface?		No	
			pair systems when malware has been d	etected?		
	,		•		Yes	
10-2	Can the device owner instal	or update anti-virus sof t	tware?		Yes	_
10-3		ator (technically/physically	update virus definitions on manufactur	er-installed anti-	V	
	virus software?	1 4 4 37 /4	eranti i i i i i i i		Yes	
MLDP notes:	customer. Automatic	c virus definition updates	nti-Malware packages and provides insare supported.	tructions for installation	on by the	
11	NODE AUTHENTICATION	(NAUT)				_
	The ability of the device to a	authenticate communication	on partners/nodes.			
11-1	•	•	authentication that assures both the sen	der and the recipient		
	of data are known to each o	ther and are authorized to	receive transferred information?		No	
NAUT						
notes:						
12	PERSON AUTHENTICATIO	N (PAUT)				
	Ability of the device to author	enticate users				
12-1	Does the device support us	er/operator-specific user	name(s) and password(s) for at least on	e user?	Yes	
	12-1.1 Does the device sup	port unique user/operato	r-specific IDs and passwords for multiple	e users?		
					Yes	_
12-2	Can the device be configure Directory, NDS, LDAP, etc.)		hrough an external authentication servic	e (e.g., MS Active	No	
12-3	•		a certain number of unsuccessful logon	attempts?		
	Ç			·	No	
12-4	Can default passwords be c	hanged at/prior to installat	tion?		Yes	
12-5	Are any shared user IDs us	•			No	
12-6	Can the device be configure rules?	ed to enforce creation of u	ser account passwords that meet estab	lished complexity	Yes	
12-7	Can the device be configure	ed so that account passwo	ords expire periodically?		No	
PAUT						
notes:						
13	PHYSICAL LOCKS (PLOK)					\neg
	Physical locks can prevent unauthorized users with physical access to the device from compromising the integrity and confidentiality of private data stored on the device or on removable media .					
13-1	Are all device components remove without tools)?	maintaining private data ((other than removable media) physicall	y secure (i.e., cannot	No	_
PLOK notes:						

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Device Model		Software Revision Soft		Software Release D	ate	
Triden	nt	1.1		8/14/2012		
	Refer to Section 2.3.2 of t	his standard for the prop	er interpretation of information requested	in this form.	Yes, No, N/A, or See Note	Note #
14	ROADMAP FOR THIRD PA	RTY COMPONENTS IN	DEVICE LIFE CYCLE (RDMP)			
	Manufacturer's plans for sec	curity support of 3rd party	components within device life cycle.			
14-1	In the notes section, list the including version number(s)		parately purchased and/or delivered) ope	rating system(s) -	Yes	1
14-2	Is a list of other third party a	pplications provided by t	he manufacturer available?		No	
	Microsoft Windows	Embedded Standard 7 S	SP1. No third party software besides the G	OS installed.		
RDMP notes:						
15	SYSTEM AND APPLICATION	ON HARDENING (SAHE	0)			
	The device 's resistance to o	cyber attacks and malwa	ire.			
15-1	Does the device employ an industry-recognized hardeni	-	Please indicate in the notes the level of c	onformance to any	Yes	
15-2	Does the device employ an program/update is the manu	, , , , , , , , , , , , , , , , , , , ,	se-specific hash key, checksums, etc.) to ram or software update?	ensure the installed	No	
15-3	Does the device have external communication capability (e.g., network, modem, etc.)?				Yes	
15-4	Does the file system allow the implementation of file-level access controls (e.g., New Technology File System (NTFS) for MS Windows platforms)?				Yes	
15-5	Are all accounts which are not required for the intended use of the device disabled or deleted, for both users and applications?			Yes		
15-6	Are all shared resources (e.	g., file shares) which are	not required for the intended use of the	device, disabled?	Yes	
15-7	Are all communication ports	which are not required f	or the intended use of the device closed	/disabled?	No	
15-8	Are all services (e.g., telnet, required for the intended us		P], internet information server [IIS], etc.), disabled?	which are not	Yes	
15-9	Are all applications (COTS a are not required for the inte		S-included applications, e.g., MS Internet deleted/disabled?	Explorer, etc.) which	Yes	
15-10	Can the device boot from u component)?	ncontrolled or removabl e	e media (i.e., a source other than an inter	nal drive or memory	Yes	
15-11	tools?	·	ice manufacturer be installed on the device		Yes	
SAHD	accessments which a	pment Life Cycle (PDLO are incorporated into the	C) of the device incorporates numerous s product design.	ecurity scans and othe	r vulnerabili	ity
16	SECURITY GUIDANCE (SO	GUD)				
	The availability of security g	uidance for operator and	d administrator of the system and manufa	cturer sales and servic	e.	
16-1	Are security-related features	s documented for the dev	vice user?		No	_
16-2	Are instructions available fo of personal or other sensitive		on (i.e., instructions for how to achieve th	e permanent deletion	Yes	
SGUD			ctices document on its website that provides for sanitation included in user manual.		on network	

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Г	Refer to Section 2.3.2 of	his standard for the prope	er interpretation of information requested	in this form.	Yes, No, N/A, or See Note	Note #
17	HEALTH DATA STORAGE The ability of the device to on device or removable m	ensure unauthorized acce	CF) ess does not compromise the integrity an	d confidentiality of p	rivate data sto	ored
17-1	Can the device encrypt date	a at rest?			No	
STCF notes:	System is only a temporary store of ePHI. System can be configured to automatically remove studies sho completion and successful transmission to PACS, and supports manual removal of patient records.					
18	TRANSMISSION CONFIDI	ENTIALITY (TXCF)				
	The ability of the device to	ensure the confidentiality	of transmitted private data .			
18-1	Can private data be transm	nitted only via a point-to-po	pint dedicated cable?		No	_
18-2	Is private data encrypted p which encryption standard		network or removable media ? (If yes, in	dicate in the notes	No	
18-3	Is private data transmissio	n restricted to a fixed list o	f network destinations?		Yes	
TXCF notes:	Device can be confi TLS can be used on	-	specific IP addresses. DICOM provides	no native method to	encrypt data,	but
19	TRANSMISSION INTEGRI	• •				
	The ability of the device to	ensure the integrity of trar	nsmitted private data .			
19-1	Does the device support at describe in the notes section	•	ensure data is not modified during trans	mission? (If yes,	No	_
TXIG notes:						
20	OTHER SECURITY CONS	IDERATIONS (OTHR)				
	Additional security conside	rations/notes regarding m	edical device security.			
20-1	Can the device be serviced	I remotely?			Yes	
20-2	Can the device restrict remaddresses)?	ote access to/from specifi	ed devices or users or network locations	s (e.g., specific IP	Yes	_
	20-2.1 Can the device be o	configured to require the lo	ocal user to accept or initiate remote acc	ess?	No	_
OTHR						
notes:						