Artwork and Signature File for:	
MAN-04422 "MDS2 SHEET FOR SELENIA	(WINDOWS

Artwork consists of:

• 6 (six) 8 ½ inch x 11 inch sheet(s) attached.

REV DRAFTED BY	DATE 3/3/2015 DATE 3/3/2015	HOLOGIC		SIGNATURES ON FILE		
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		MDS2 SHEET FOR SELENIA (WINDOWS)	AW-	AW-13228		
		ARTWORK	SIZE A	SHEET 1 (OF 1	

ENG-0034-T33, Rev. 002

		Manufac	turer Disclosure Stat	tement for Medical Device Security – MDS ²		
				ICE DESCRIPTION		
Device	Cateo	ory	Manufacturer	Document ID Document Release	Date	
	_	hy System	Hologic, Inc	MAN-04422 3/12/2015	Date	
L — —						
				Software Release D	ate	
Selenia			5.3			
		Company Nar	ne	Manufacturer Contact Information		
Manufa Repres		milotogic, inc		Chris.Fischer@hologic.com		
Contac			e Name/Position	!		
		Chris Fischer				
Intende	ed use	of device in network	c-connected environment:			
The Ho	ologic	Selenia 2D Mammog	raphy system is designed to	o capture and transmit Conventional Mammography images	to a downstre	eam
PACS	and W	orkstation for diagno	sis.			
oxdot						
			MANAGEN	MENT OF PRIVATE DATA		
					Yes, No,	#
	Ref	er to Section 2.3.2 of	this standard for the proper	interpretation of information requested in this form.	N/A, or	Note
A	C 41	is device display to		data (in alculin y algorithmic Dystrotted Houlth Information	See Note	
	[ePHI]		insmit, or maintain private (data (including electronic Protected Health Information	Yes	
	-	•	ents that can be maintained	d by the device:	1 68	
	B.1	•		nique identification number)?		
					Yes	
	B.2	Medical record (e.g.	, medical record #, account	t #, test or treatment date, device identification number)?		
					Yes	_
	B.3	Diagnostic/therapeu characteristics)?	itic (e.g., photo/radiograph,	test results, or physiologic data with identifying	*7	
	D 4	•	tant automod by double and	alexander?	Yes	
	B.4		text entered by device use	er/operator?	Yes	
	B.5 B.6	Biometric data? Personal financial in	oformation?		No	
		aining private data - (No	
	C.1			emory (i.e., until cleared by power-off or reset)?	Yes	
	C.2		persistently on local media?		Yes	
	C.3		te data with other systems?		Yes	
	C.4		ta during power service inte		Yes	
				ting of private data – Can the device :		
	D.1		(e.g., video display, etc.)?	3 P	Yes	
	D.2		reports or images containing	ng private data?	No	
	D.3	Retrieve private da	ta from or record private da	ata to removable media (e.g., disk, DVD, CD-ROM, tape,		
		CF/SD card, memor	ry stick, etc.)?		Yes	
	D.4	Transmit/receive or	import/export private data	via dedicated cable connection (e.g., IEEE 1073, serial port,		
		USB, FireWire, etc.))?		Yes	
	D.5	Transmit/receive pr	ivate data via a wired netw	ork connection (e.g., LAN, WAN, VPN, intranet, Internet,		
		etc.)?			Yes	
	D.6	-	ivate data via an integrated	d wireless network connection (e.g., WiFi, Bluetooth, infrared,		
		etc.)?			Yes	
	D.7	Import private data	via scanning?		No	_
	D.8	Other?			No	
Manag						
Private	Data I	iotes:				

Device	Category	Manufacturer	Document ID	Document Release	Date	
Mamn	nography System	Hologic, Inc	MAN-04422	3/12/2015		
Device	Model	Software Revision		Software Release D	ate	
Selenia	a	5.3		İ		
		SECU	RITY CAPABILITIES			
Г	Refer to Section 2.3.2	2 of this standard for the proper	interpretation of information rec	quested in this form.	Yes, No, N/A, or See Note	Note #
1	AUTOMATIC LOGOFF	(ALOF)			00011010	
	The device 's ability to p	prevent access and misuse by	unauthorized users if device is	left idle for a period of time.		
1-1	Can the device be configured to force reauthorization of logged-in user (s) after a predetermined length of inactivity (e.g., auto-logoff, session lock, password protected screen saver)?					_
			f/screen lock user or administra	tor configurable? (Indicate	NT.	
	-	nfigurable range] in notes.)	ed (e.g., via a shortcut key or pro	ovimity sensor etc.) by the	No	
	user?	Screen lock be manually lilvok	ed (e.g., via a shortcut key of pro	DAITHILY Serisor, etc.) by the	Yes	
ALOF						
notes:						
2	AUDIT CONTROLS (A	UDT)				
	•	udit activity on the device .				
2-1	Can the medical devic	e create an audit trail?			Yes	
2-2	Indicate which of the fo	llowing events are recorded in	the audit log:			
	2-2.1 Login/logout				Yes	
	2-2.2 Display/present	ation of data			Yes	
	2-2.3 Creation/modific				Yes	
	2-2.4 Import/export of data from removable media					
	2-2.5 Receipt/transmi	ssion of data from/to external (e.g., network) connection		Yes Yes	
	2-2.5.1 Remote s				No	
	2-2.6 Other events? (describe in the notes section)			N/A	
2-3			events recorded in the audit log:		14/21	
	2-3.1 User ID	•	· ·		Yes	
	2-3.2 Date/time				Yes	
					103	
AUDT notes:						
3	AUTHORIZATION (AU	TH)				
	•	e to determine the authorization	of users.			
3-1	•		through user login requirement	s or other mechanism?	Yes	
3-2	_		an application based on 'roles'	(e.g., guests, regular users ,		
	power users , administr		landadasasti va landada e e e e e e e		Yes	
3-3	can the device owner/o	=	Iministrative privileges (e.g., acc	ess operating system or	Yes	
A 1 17 1 1			and differing operator roles (Te	echnologic and Manager.) Mar	nager level u	sers
AUTH notes:		accounts and revoke existing a			•	

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Selenia	a	5.3		i		
\vdash		<u> </u>		<u> </u>	Yes, No,	#
	Refer to Section 2.3.	2 of this standard for the proper	interpretation of information req	quested in this form.	N/A, or	Note
				•	See Note	ž
4		SECURITY FEATURES (CNFS				
	The ability to configure	/re-configure device security ca	apabilities to meet users' need	ds.		
4-1	Can the device owner,	operator reconfigure product se	curity capabilities?		No	
CNFS						
notes:						
5	CYBER SECURITY PI	RODUCT UPGRADES (CSUP)				
	The ability of on-site se	ervice staff, remote service staff,	or authorized customer staff to	install/upgrade device's secu	rity patches.	
5-1	Can relevant OS and c	levice security patches be applied	ed to the device as they becom	e available?	No	
	5-1.1 Can security pa	atches or other software be insta	lled remotely?		No	
	o oan oodaniy po				NO	_
CSUP						
notes:						
6	HEALTH DATA DE-ID	ENTIFICATION (DIDT)				
		e to directly remove information	that allows identification of a pe	erson.		
6-1	-	de an integral capability to de-ide			NI.	
, i	Bood the device provide	de air integral capability to de la	only private data:		No	
DIDT						
notes:						
7	DATA BACKUP AND	DISASTER RECOVERY (DTB	()			
	The ability to recover a	fter damage or destruction of de	evice data, hardware, or softwar	re.		
7-1	Does the device have	an integral data backup capabili	tv (i.e., backup to remote storac	ne or removable media such		
	as tape, disk)?		, (,	,	No	
DTDV	System only ac	ets as a temporary store of patien	nt data before it is transmitted to	o PACS. Any disaster recover	y required is	to
DTBK notes:	performed by I	Hologic Service.				
8	EMERGENCY ACCES					
	The ability of device u private data.	sers to access private data in o	ase of an emergency situation t	that requires immediate acces	s to stored	
	private data.					
8-1	Does the device incorp	oorate an emergency access ("	break-glass") feature?		No	
EMBO						
EMRG notes:						
9		GRITY AND AUTHENTICITY (IC	-			
		es that data processed by the de	evice has not been altered or de	estroyed in an unauthorized m	anner and is t	from
	the originator.					
9-1	Does the device ensur	e the integrity of stored data wit	h implicit or explicit error detecti	ion/correction technology?		
					No	
IGAU						
notes:						

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L — —	Model — — — — —	Software Revision		Software Release Da		
Seleni		5.3		Contware recease by	aic	
Scient	u 	5.5			Yes, No.	
	Refer to Section 2.3.2	of this standard for the prope	r interpretation of information reques	sted in this form	N/A, or	# te
	react to occitor 2.0.2	or this standard for the propor	morprotation of information reques	ACC III CIIO IOIIII.	See Note	Note
10	MALWARE DETECTION	N/PROTECTION (MLDP)				
	The ability of the device	to effectively prevent, detect	and remove malicious software (ma	lware).		
10-1	Does the device support	t the use of anti-malware sof	tware (or other anti-malware mecha	anism)?	Yes	
		ependently re-configure anti-	•	,	No	
	10-1.2 Does notification	of malware detection occur in	n the device user interface?		No	
	10-1.3 Can only manufa	cturer-authorized persons rep	air systems when malware has bee	en detected?		
					Yes	
10-2		stall or update anti-virus soft			Yes	
10-3		perator (technically/physically) update virus definitions on manufa	cturer-installed anti-virus	Yes	
	software?				168	
MLDP						
notes:						
11	NODE AUTHENTICATION	ON (NAUT)				_
		to authenticate communication	on partners/nodes.			
11-1	Does the device provide	s/support any means of node a	authentication that assures both the	sender and the recipient		
			receive transferred information?	conden and the recipion	NT.	
					No	
NAUT						
notes:						
12	PERSON AUTHENTICA	TION (PAUT)				
	Ability of the device to a					
12-1	Does the device support	t user/operator-specific userr	name(s) and password(s) for at leas	t one user?		
					Yes	
	12-1.1 Does the device	support unique user/operator	r-specific IDs and passwords for mu	Itiple users?		
					Yes	
12-2		=	nrough an external authentication se	rvice (e.g., MS Active		
	Directory, NDS, LDAP, e				No	
12-3	Can the device be config	gured to lock out a user after	a certain number of unsuccessful lo	gon attempts?	NT	
40.4	0	and an analysis of the state of	· 0		No	_
12-4	·	pe changed at/prior to installat	ion?		Yes Yes	
12-5 12-6	Are any shared user IDs	•	ser account passwords that meet es	etablished complexity	103	
12-0	rules?	jured to emorce creation of u	ser account passwords that meet es	stabilished complexity	No	
12-7		gured so that account passwo	ords expire periodically?		No	
		,			110	
PAUT						
notes:						
13	PHYSICAL LOCKS (PL	OK)				
			nysical access to the device from co	ompromising the integrity ar	nd confidenti	ality
	of private data stored or	n the device or on removable	e media.			
13-1	Are all device componer	nts maintaining private data (other than removable media) physi	ically secure (i.e., cannot		
	remove without tools)?	and provide adda (,	Yes	
DI 611						
PLOK						
notes:						

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Device	Model	Software Revision		Software Release D	ate		
Seleni	a	5.3		i			
					Yes, No,	#	
			r interpretation of information req	uested in this form.	N/A, or See Note	Note	
14			DEVICE LIFE CYCLE (RDMP)	l.			
			components within device life cyc				
14-1	In the notes section, list to including version number		arately purchased and/or delivere	d) operating system(s) -	Yes		
14-2							
	Windows (7) Em	bedded Standard with Service	ce Pack 1				
RDMP							
notes:							
15	SYSTEM AND APPLICA	ATION HARDENING (SAHD)					
"		to cyber attacks and malwar					
15-1	Does the device employ	any hardening measures? F	Please indicate in the notes the le	vel of conformance to any			
	industry-recognized hard				Yes		
15-2		· · · · · · · · · · · · · · · · · · ·	e-specific hash key, checksums,	etc.) to ensure the installed			
45.0		anufacturer-authorized progra			No		
15-3			ility (e.g., network, modem, etc.)?		Yes	_	
15-4	(NTFS) for MS Windows	platforms)?	evel access controls (e.g., New To		No	_	
15-5	applications?		ed use of the device disabled or		Yes	_	
15-6	Are all shared resources	(e.g., file shares) which are r	not required for the intended use	of the device , disabled?	No		
15-7	Are all communication po	orts which are not required fo	r the intended use of the device	closed/disabled?	Yes	_	
15-8		net, file transfer protocol [FTF If use of the device deleted/o	P], internet information server [IIS] lisabled?	, etc.), which are not	Yes		
15-9		S applications as well as OS	i-included applications, e.g., MS li eleted/disabled?	nternet Explorer, etc.) which	Yes		
15-10		n uncontrolled or removable	media (i.e., a source other than a	an internal drive or memory			
15 11	component)?		an annual and annual and a state the state of the		Yes		
15-11	tools?	e not authorized by the devic	e manufacturer be installed on the	ie device without the use of	Yes		
		elopment Life Cycle (PDLC) of the device incorporates nume	erous security scans and other	r vulnerabili	.ty	
SAHD	notes: accessments which	ch are incorporated into the p	product design.				
16	SECURITY GUIDANCE	(SGUD)					
		•	administrator of the system and r	manufacturer sales and servic	e.		
16-1	Are security-related featu	ures documented for the dev i	ce user?		No		
16-2	Are instructions available	e for device /media sanitizatio	n (i.e., instructions for how to ach	lieve the permanent deletion		Cov	
SGUD	of personal or other sens	sitive data)? s a Cyber Security Best Pract	ices document on its website that		Yes on network	ere	

Device Category		Manufacturer Document ID Document Release		Document Release	Date	
	nography System	Hologic, Inc	MAN-04422	3/12/2015		
Device	e Model	Software Revision		Software Release D		
Seleni		5.3				
		•	interpretation of information req	uested in this form.	Yes, No, N/A, or See Note	Note #
17	HEALTH DATA STORAGI	E CONFIDENTIALITY (STC	F)		See Note	
		ensure unauthorized acces	s does not compromise the integ	grity and confidentiality of pri v	/ate data sto	ored
17-1	Can the device encrypt da				No	_
STCF notes:	and successful transmission to PACS, and supports manual removal of patient records					
18	TRANSMISSION CONFID	ENTIALITY (TXCF)				
	The ability of the device to	ensure the confidentiality of	transmitted private data.			
18-1	Can private data be transr	mitted only via a point-to-poi	nt dedicated cable?		No	
18-2	Is private data encrypted p which encryption standard		etwork or removable media ? (If	yes, indicate in the notes	No	
18-3	Is private data transmission	on restricted to a fixed list of	network destinations?		No	
TXCF notes:						
19	TRANSMISSION INTEGRI					
	The ability of the device to	ensure the integrity of trans	mitted private data .			
19-1	Does the device support a describe in the notes section	•	ensure data is not modified durin	g transmission? (If yes,	No	_
TXIG notes:						
20	OTHER SECURITY CONS	SIDERATIONS (OTHR)				
		erations/notes regarding me	dical device security.			
20-1	Can the device be serviced		,		Yes	
20-2	Can the device restrict rem	•	d devices or users or network lo	ocations (e.g., specific IP	Yes	
	addresses)? 20-2.1 Can the device be	configured to require the loc	al user to accept or initiate remo	ote access?	No	_
OTHR notes:						