		Manufacturer Disclosure Statement for Medical Device Security – M	DS <sup>2</sup>		
		DEVICE DESCRIPTION			
Devic	e Categ	gory Manufacturer Document ID Document	t Release Date	e	
Ultra	sound s	canner GE Healthcare DOC1946011 Nov 30 20	015 12:00AM		
Devic	e Mode	Software Revision Software	Release Date		
Venu		301.22.0.248 April 201			
VCIIu					
Manu	facturer				
	esentati	VE			
	act Infor	mation Representative Name/Position			
		Yosef Michaeli - SW Manager / PSR			
Inten	ded use	e of device in network-connected environment:			
		MANAGEMENT OF PRIVATE DATA			
			Y	es, No,	#
	R	efer to Section 2.3.2 of this standard for the proper interpretation of information requested in this form.		N/A, or	Note #
				see Note	
Α		his device display, transmit, or maintain private data (including electronic Protected Health Informat	ion	Yes	
	[ePHI	•			
В		s of <b>private data</b> elements that can be maintained by the <b>device</b> :			
	B.1	Demographic (e.g., name, address, location, unique identification number)?		Yes	
	B.2	Medical record (e.g., medical record #, account #, test or treatment date, <b>device</b> identification numbe	r)?	Yes	_
	B.3	Diagnostic/therapeutic (e.g., photo/radiograph, test results, or physiologic data with identifying		Yes	
	Б.5	characteristics)?		1 68	
	B.4	Open, unstructured text entered by device user/operator?		Yes	
	B.5	Biometric data?		No	_
	B.6	Personal financial information?		No	
С		taining private data - Can the device:		110	
	C.1	Maintain <b>private data</b> temporarily in volatile memory (i.e., until cleared by power-off or reset)?		Yes	
	C.2	Store <b>private data</b> persistently on local media?		Yes	
	C.3	Import/export private data with other systems?		Yes	_
	C.4	Maintain <b>private data</b> during power service interruptions?		Yes	
D		nanisms used for the transmitting, importing/exporting of <b>private data</b> – Can the <b>device</b> :		105	
_	D.1	Display private data (e.g., video display, etc.)?		Yes	
	D.2	Generate hardcopy reports or images containing <b>private data</b> ?		Yes	
	D.3	Retrieve <b>private data</b> from or record <b>private data</b> to <b>removable media</b> (e.g., disk, DVD, CD-ROM, ta	ane	Yes	_
	D.0	CF/SD card, memory stick, etc.)?	трс,	1 03	
	D.4	Transmit/receive or import/export <b>private data</b> via dedicated cable connection (e.g., IEEE 1073, seria	al nort	Yes	
	٥.,	USB, FireWire, etc.)?	port,	105	
	D.5	Transmit/receive <b>private data</b> via a wired network connection (e.g., LAN, WAN, VPN, intranet, Internet	et, etc.)?	Yes	
	D.6	Transmit/receive <b>private data</b> via an integrated wireless network connection (e.g., WiFi, Bluetooth, in	frared,	Yes	
	D.7	etc.)? Import <b>private data</b> via scanning?		No	
	D.8	Other?		No	
	gement e Data	t of		0	

Device	Category	Manufacturer	Document ID	Document Release D	Date	
	ound scanner	GE Healthcare	DOC1946011	Nov 30 2015 12:00A		
Device		Software Revision	10001710011	Software Release Da		
1	Venue 301.22.0.248 April 2017					
			URITY CAPABILITIES			
Г	Refer to Section 2.3.	2 of this standard for the proper	r interpretation of information req	uested in this form.	Yes, No, N/A, or	Note #
1	AUTOMATIC LOGOFF	(ALOF)		-	See Note	
ľ			nauthorized users if device is lef	ft idle for a period of time.		
1-1		gured to force reauthorization on lock, password protected scre	of logged-in <b>user</b> (s) after a preder een saver)?	termined length of inactivity	Yes	_
	[fixed or configur	able range] in notes.)	/screen lock <b>user</b> or administrato		Yes	
	1-1.2 Can auto-logoff/s	screen lock be manually invoke	d (e.g., via a shortcut key or prox	imity sensor, etc.) by the user	Yes	_
ALOF notes:						
2	AUDIT CONTROLS (AL	JDT)				
	The ability to reliably aud	dit activity on the <b>device</b> .				
2-1	Can the medical device	create an audit trail?			Yes	
2-2	Indicate which of the foll	owing events are recorded in th	ne audit log:			
	2-2.1 Login/logout				Yes	
	2-2.2 Display/presenta	ition of data			No	
	2-2.3 Creation/modific	ation/deletion of data			Yes	
l	2-2.4 Import/export of	data from removable media			Yes	
	2-2.5 Receipt/transmis	sion of data from/to external (e	.g., network) connection		Yes	
	2-2.5.1 Remote se	ervice activity			Yes	
ĺ	2-2.6 Other events? (d	lescribe in the notes section)			No	
2-3	Indicate what information	n is used to identify individual e	vents recorded in the audit log:			
l	2-3.1 <b>User</b> ID				Yes	
	2-3.2 Date/time				Yes	_
AUDT						
notes:						
3	AUTHORIZATION (AUT	ГН)				
		to determine the authorization	of users.			
3-1	Can the <b>device</b> prevent	access to unauthorized users to	through <b>user</b> login requirements	or other mechanism?	Yes	
3-2	Can <b>users</b> be assigned power <b>users</b> , administra	. •	an application based on 'roles' (e	.g., guests, regular <b>users</b> ,	Yes	_
3-3	Can the <b>device</b> owner/ <b>o</b> application via local root	•	ministrative privileges (e.g., acces	ss operating system or	No	_
AUTH notes:						

Device	Category	Manufacturer	Document ID	Document Release D	ate	
Ultrasound scanner		GE Healthcare	DOC1946011	Nov 30 2015 12:00A	λM	
Device	Model	Software Revision		Software Release Da	ate	
Venue		301.22.0.248		April 2017		
	Refer to Section 2.3.2	of this standard for the proper	interpretation of information rec	quested in this form.	Yes, No, N/A, or See Note	Note #
4	CONFIGURATION OF S	ECURITY FEATURES (CNFS)				
	The ability to configure/re	-configure device security cap	pabilities to meet users' needs	3.		
4-1	Can the device owner/operator reconfigure product security capabilities?				Yes	
CNFS notes:						
5	CYBER SECURITY PRO	DUCT UPGRADES (CSUP)				J
	The ability of on-site serv	ice staff, remote service staff, o	or authorized customer staff to i	nstall/upgrade <b>device</b> 's security	patches.	
5-1	Can relevant OS and dev	vice security patches be applied	d to the <b>device</b> as they become	e available?	Yes	
	5-1.1 Can security pato	hes or other software be install	ed remotely?		No	
CSUP						
notes:						
6	HEALTH DATA DE-IDEI	NTIFICATION (DIDT)				
	The ability of the <b>device</b>	to directly remove information t	hat allows identification of a per	rson.		
6-1	Does the <b>device</b> provide	an integral capability to de-ider	ntify private data?		Yes	
DIDT notes:						
7	DATA BACKUP AND DI	SASTER RECOVERY (DTBK)				
	The ability to recover after	er damage or destruction of dev	rice data, hardware, or software	9.		
7-1	Does the <b>device</b> have artape, disk)?	ı integral data backup capability	/ (i.e., backup to remote storage	e or <b>removable media</b> such as	Yes	
DTBK notes:						
8	EMERGENCY ACCESS	(EMRG)				
	The ability of <b>device use data</b> .	rs to access private data in ca	se of an emergency situation th	nat requires immediate access to	stored priva	te
8-1	Does the <b>device</b> incorpo	rate an <b>emergency access</b> ("b	reak-glass") feature?		Yes	_
EMRG notes:						
9	HEALTH DATA INTEGR	RITY AND AUTHENTICITY (IGA	AU)			
	How the <b>device</b> ensures originator.	that data processed by the dev	vice has not been altered or des	stroyed in an unauthorized mann	er and is fron	n the
9-1	Does the <b>device</b> ensure	the integrity of stored data with	implicit or explicit error detection	on/correction technology?	Yes	
IGAU notes:						

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Ultraso	ltrasound scanner GE Healthcare DOC1946011 Nov 30 2015		Nov 30 2015 12:00 <i>A</i>	M			
Device	Model	Software Revision		Software Release Da	ate		
Venue		301.22.0.248		April 2017		٠,,	
	Refer to Section 2	2.3.2 of this standard for the proper	interpretation of information req	uested in this form.	Yes, No, N/A, or See Note	Note #	
10		ION/PROTECTION (MLDP)					
40.4	The ability of the <b>device</b> to effectively prevent, detect and remove malicious software ( <b>malware</b> ).  Does the <b>device</b> support the use of <b>anti-malware</b> software (or other <b>anti-malware</b> mechanism)?						
10-1	•	port the use of <b>anti-malware</b> softw independently re-configure <b>anti-m</b>	,	nanism)?	Yes No		
		ion of <b>malware</b> detection occur in	=		No		
		ufacturer-authorized persons repa		een detected?	No		
10-2	Can the device owne	r install or update anti-virus softw	vare?		No		
10-3		r/operator (technically/physically)		facturer-installed anti-virus	No	_	
MLDP notes:		g and application control mechanis	sms are applied				
11	NODE AUTHENTICA	ATION (NAUT) ice to authenticate communication	nartners/nodes				
11-1	Does the <b>device</b> prov	ride/support any means of node auch other and are authorized to rece	thentication that assures both th	e sender and the recipient of	Yes	_	
NAUT notes:							
12	PERSON AUTHENT						
	Ability of the <b>device</b> t						
12-1	Does the <b>device</b> sup	port <b>user/operator</b> -specific userna	ame(s) and password(s) for at lea	ast one <b>user</b> ?	Yes		
	12-1.1 Does the devi	ce support unique user/operator-	specific IDs and passwords for m	nultiple users?	No	_	
12-2	Can the <b>device</b> be co	onfigured to authenticate <b>users</b> three.	ough an external authentication s	service (e.g., MS Active	No		
12-3		onfigured to lock out a <b>user</b> after a	certain number of unsuccessful	logon attempts?	Yes	_	
12-4	Can default password	ds be changed at/prior to installatio	n?		Yes		
12-5		IDs used in this system?			No		
12-6	Can the <b>device</b> be co	onfigured to enforce creation of use	er account passwords that meet	established complexity rules?	Yes	_	
12-7	Can the <b>device</b> be co	onfigured so that account password	ds expire periodically?		No	_	
PAUT notes:							
13	PHYSICAL LOCKS (	PLOK)		1			
		event unauthorized <b>users</b> with phy n the <b>device</b> or on <b>removable me</b>		compromising the integrity and	confidentialit	y of	
13-1	Are all <b>device</b> comporemove without tools)	nents maintaining <b>private data</b> (of?	ther than <b>removable media</b> ) phy	rsically secure (i.e., cannot	No	_	
PLOK notes:							

Device Category		Manufacturer	Document ID	Document Release I	Date			
Ultrasound scanner		GE Healthcare	DOC1946011	Nov 30 2015 12:00A	AM			
Device	Model	Software Revision		Software Release Da	ate			
Venue		301.22.0.248		April 2017				
	Refer to Section 2.3.2 of the	is standard for the proper	rinterpretation of information requ	uested in this form.	Yes, No, N/A, or See Note	Note #		
14	ROADMAP FOR THIRD PAR	TY COMPONENTS IN DE	EVICE LIFE CYCLE (RDMP)					
	Manufacturer's plans for security support of 3rd party components within device life cycle.							
14-1	In the notes section, list the princluding version number(s).	ovided or required (separa	ately purchased and/or delivered	) operating system(s) -	Yes	_		
14-2	Is a list of other third party app	lications provided by the	manufacturer available?		Yes			
RDMP	1:Windows 10							
notes:	2:Linux							
15	SYSTEM AND APPLICATION	HARDENING (SAHD)						
	The <b>device</b> 's resistance to cyt	per attacks and malware.						
15-1	Does the <b>device</b> employ any hindustry-recognized hardening		ease indicate in the notes the leve	el of conformance to any	No	_		
15-2	Does the <b>device</b> employ any r program/update is the manufa	` •	specific hash key, checksums, e n or software update?	tc.) to ensure the installed	No			
15-3	Does the <b>device</b> have externa	l communication capabilit	ty (e.g., network, modem, etc.)?		Yes			
15-4	Does the file system allow the for MS Windows platforms)?	implementation of file-lev	el access controls (e.g., New Ted	chnology File System (NTFS)	Yes	_		
15-5	Are all accounts which are not applications?	required for the intended	d use of the device disabled or d	eleted, for both <b>users</b> and	Yes	_		
15-6	Are all shared resources (e.g.,	file shares) which are no	t required for the intended use of	of the <b>device</b> , disabled?	Yes			
15-7	Are all communication ports w	hich are not required for t	he intended use of the device of	losed/disabled?	No			
15-8	Are all services (e.g., telnet, fil for the <b>intended use</b> of the <b>de</b>		internet information server [IIS],	etc.), which are not required	No			
15-9	are not required for the intend	led use of the device dele			No	_		
15-10	Can the <b>device</b> boot from unc component)?	ontrolled or <b>removable m</b>	nedia (i.e., a source other than ar	n internal drive or memory	No	_		
15-11	Can software or hardware not tools?	authorized by the device	manufacturer be installed on the	edevice without the use of	No	_		
SAHD	notes:							
16	SECURITY GUIDANCE (SGU	•						
	The availability of security guid	dance for <b>operator</b> and ad	dministrator of the system and ma	anufacturer sales and service.				
16-1	Are security-related features d	ocumented for the device	e user?		Yes			
16-2	Are instructions available for dipersonal or other sensitive dat		(i.e., instructions for how to achie	eve the permanent deletion of	Yes	_		
SGUD	notes:							

Device	: Category	Manufacturer	Document ID	Document Releas	e Date	
Ultras	ound scanner	GE Healthcare	DOC1946011	Nov 30 2015 12:0	0AM	
Device	Model	Software Revision		Software Release	Date	
Venue		301.22.0.248		April 2017		
	Refer to Section	2.3.2 of this standard for the prope	er interpretation of information rec	quested in this form.	Yes, No, N/A, or See Note	Note #
17	HEALTH DATA STO	ORAGE CONFIDENTIALITY (STO	F)	•		
	The ability of the device or removable	vice to ensure unauthorized acces e media.	s does not compromise the integ	rity and confidentiality of <b>priv</b> a	ate data stored	on
17-1	Can the <b>device</b> encr	rypt data at rest?			Yes	_
STCF notes:						
18	TRANSMISSION CO	ONFIDENTIALITY (TXCF)				
	The ability of the dev	vice to ensure the confidentiality o	f transmitted private data.			
18-1	Can <b>private data</b> be	transmitted only via a point-to-poi	int dedicated cable?		Yes	
18-2		ypted prior to transmission via a no andard is implemented.)	etwork or removable media? (If y	yes, indicate in the notes	No	_
18-3		smission restricted to a fixed list of	network destinations?		Yes	_
TXCF notes:						
19	TRANSMISSION IN	, ,		1		
	-	vice to ensure the integrity of trans	-			
19-1		oport any mechanism intended to essection how this is achieved.)	ensure data is not modified during	g transmission? (If yes,	Yes	_
TXIG notes:						
20	OTHER SECURITY	CONSIDERATIONS (OTHR)				
	Additional security of	considerations/notes regarding me	dical device security.			
20-1	Can the <b>device</b> be s	erviced remotely?			Yes	
20-2	Can the <b>device</b> restraddresses)?	rict remote access to/from specifie	d devices or <b>users</b> or network loo	cations (e.g., specific IP	Yes	_
	20-2.1 Can the <b>dev</b> i	ice be configured to require the loc	cal <b>user</b> to accept or initiate remo	te access?	Yes	_
OTHR						
notes:						