Manufacturer Disclosure Statement for Medical Device Security -- MDS2

RD-04136 Rev 001

Horizon DXA Product line

Hologic, Inc.

Hologic, IIIc.						
Question ID	Question		See note	IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
DOC-1	Manufacturer Name	Hologic, Inc.	_			
DOC-2	Device Description	DXA System	_			
	·	Horizon A; Horzion W; Horizon Wi;	_			
DOC-3	Device Model	Horizon C; Horizon Ci				
DOC-4	Document ID	RD-04136 Rev 001	_			
		Steve Bolduc	_			
DOC-5	Manufacturer Contact Information	steven.bolduc@Hologic.com	_			
		The Horizon Systems are a bone				
		denistometry device. The system is				
		able to capture images and perform				
		procedures with no network				
		connectivity. However it is typically				
		connected to a network to achieve				
	Intended use of device in network-connected	query/retrieve, archiving, printing,				
DOC-6	environment:	interfacing with a RIS, etc.	_			
DOC-7	Document Release Date	3/31/2021	_			
	Coordinated Vulnerability Disclosure: Does the					
	manufacturer have a vulnerability disclosure program					
DOC-8	for this device?	No	_			
	ISAO: Is the manufacturer part of an Information					
DOC-9	Sharing and Analysis Organization?	No	_			
	Diagram: Is a network or data flow diagram available					
	that indicates connections to other system					
DOC-10	components or expected external resources?	Yes, available upon request.	_			
	SaMD: Is the device Software as a Medical Device (i.e.					
DOC-11	software-only, no hardware)?	No	_			
DOC-11.1	Does the SaMD contain an operating system?	N/A	_			
	Does the SaMD rely on an owner/operator provided					
DOC-11.2	operating system?	N/A	_			
	Is the SaMD hosted by the manufacturer?					
DOC-11.3		N/A				
DOC-11.4	Is the SaMD hosted by the customer?	N/A	_			
		Yes, No,				
		N/A, or				
		See Notes	Note #			
	MANAGEMENT OF PERSONALLY IDENTIFIABLE					
	INFORMATION			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	Can this device display, transmit, store, or modify					
	personally identifiable information (e.g. electronic					
MPII-1	Protected Health Information (ePHI))?	Yes	Note 1		AR-2	A.15.1.4
	Does the device maintain personally identifiable					
MPII-2	information?	Yes	_		AR-2	A.15.1.4
	Does the device maintain personally identifiable					
	information temporarily in volatile memory (i.e., until	V			AD 2	44544
MPII-2.1	cleared by power-off or reset)?	Yes	_		AR-2	A.15.1.4
MDII 2.2	Does the device store personally identifiable	Yes				
MPII-2.2	information persistently on internal media? Is personally identifiable information preserved in the		_			
MPII-2.3		Yes				
IVIP11-2.3	device a non-volatile memory until explicitly erased?	163				

31-Mar-2021

Month 2	Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001	31-Mar-2021		
MPILE 2 (Information is a database) 1 (Information and antibusine) 1 (Information and antibus		Does the device store personally identifiable				
Section 1. Section 1	MPII-2.4		Yes			
Name		Does the device allow configuration to automatically				
Doos the device import/epoor personally devertable infermation with other speed real, e.g. were arready in personally devertable infermation to a level general epoil personally developed and per		delete local personally identifiable information after it	<mark>t</mark>			
Information with other systems (e.g. a wearable mortaling device inflate soot personally identifiable in personally identifiable in information to a server)? Vest — — — — — — — — —	MPII-2.5	is stored to a long term solution?	No		AR-2	A.15.1.4
Main		Does the device import/export personally identifiable				
MPILA 2						
Does the device maintain personally identifiable information when powered off, or during years and information when powered off, or during years are information when power definition (e.g., for separate when years are information in years are i						
information when powered ofly of urining power MPI-2.7 (Possible information when powered ofly of urining power MPI-2.8 (Possible information cause the infernal region of the infernal protection of the store of a sequence to continue information records the store of a sequence to continue information records the store of a sequence to continue information records the store of a sequence to continue information or continue information or an extension of the continue information or an extension	MPII-2.6	·	Yes <u> </u>		AR-2	A.15.1.4
MPIL-2						
Does the device allow the internal media to be removed by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. separe) Per moved by a service thericative (p. p. service the state of the service state of the serv		• • • •				
Remove to the control (a.g., for separate control (a.g., for separate control (a.g., for separate control (a.g., for separate (a.g., for separat	MPII-2.7	•	Yes		AR-2	A.15.1.4
MPIL-2.8 (page 100 personally desirable information record be stored in a separate location from the device operating system (is executarly internal drive, alternate drive partition, or remote personally internal drive, alternate drive page 100 personally internal drive, alternate drive personally internal drive, alternation? Veg. 40.04.54.54.54.54.54.54.54.54.54.54.54.54.54						
Does the device allow personally identifiable information records be stord in a separate location in information records be stord in a separate location in information records be stord in a separate location in iterate drive, patrioting, importing for personally identifiable information? Personally identifiable information info	MDU 2.0		Voc			
information records be stored in a separate location or from the device operating system (j.e., secondary internal drive, alternate drive partition, or remote to torage location? MPII-29 MPII-30 MPII-31 MPII-31 MPII-31 MPII-31 MPII-31 MPII-32 MPII-32 MPII-32 MPII-32 MPII-32 MPII-32 MPII-33 MPII-33 MPII-34 MPII-35 MPII-35 MPII-35 MPII-36 MPII-37 MPII-37 MPII-37 MPII-38 MPII-39 MPI	MPII-2.8		<u></u>			
MPIL-2 Form E-device's operating system (i.e. secondary internal drive, agritoring, or remote internal drive, agritoring, or remote internal drive, agritoring driventifiable information or record personally identifiable information in decident and internal drive, agritoring identifiable information in decident and internal drivent						
MPIL-2 M						
MPI-2						
Does the device have metchainsn's used for the transmitting, unprofuse/porting of personally information (a. protontial/portina	MPII-2 9		Yes Note 45		AR-2	A.15.1.4
MPIB.3 (infinitiable information (g. winter infiger year onlight year of the device display year onlight year of the service of the service display year onlight year of the service of the service generate hardcopy reports or images of the service retrieve personally identifiable information from record personally identifiable information from record personally identifiable information from record personally identifiable information in the service personally identifiable information in the service personally identifiable information will be service transmit (receive personally identifiable information will be service personally identifiable information will be service transmit (receive personally identifiable information will be service personally identifiable information	2.3	-				
MPII-3						
MPII-3.1	MPII-3		Yes		AR-2	A.15.1.4
MPII-3.2		Does the device display personally identifiable	_			
MPII-3.2 Does the device transmit/receive personally identifiable information row or record personally identifiable information row personally identifiable information in dedicated cable MPII-3.3 Application of the device transmit/receive or import/export possible information via dedicated cable information via dedicated cable information via a wired network MPII-3.4 Does the device transmit/receive personally identifiable information via a wired network MPII-3.5 Does the device transmit/receive personally identifiable information via a wired network MPII-3.6 Does the device transmit/receive personally identifiable information via a wired network MPII-3.7 Does the device transmit/receive personally identifiable information via a wiredes network MPII-3.6 Cellular, ct.)? Does the device transmit/receive personally identifiable information via a wiredes network MPII-3.7 Does the device transmit/receive personally identifiable information via via wiredes network MPII-3.7 Does the device transmit/receive personally MPII-3.7 Does the device transmit/receive personally MPII-3.8 Does the device transmit/receive personally MPII-3.9 Does the device transmit/receive personally MPII-3.1 Does the device transmit/receive personally MPII-3.2 Does the device transmit/receive personally MPII-3.2 Does the device transmit/receive personally MPII-3.2 Does the device transmit/receive personally MPII-3.3 Does the device transmit/receive personally MPII-3.4 Does the device transmit/receive personally MPII-3.5 Does the device transmit/receive personally MPII-3.5 Does the device transmit/receive personally MPII-3.5 Does the device transmit/receive personally M	MPII-3.1	information (e.g., video display, etc.)?	Yes		AR-2	A.15.1.4
Does the device retrieve personally identifiable information from or record personally identifiable information to removable media (e.g., removable—information to removable information to removable media (e.g., removable—information to removable information removable information removable information removable information removable information removable information via a wire network MPII-3.5 MPII-3.6 MPII-3.7 MPII-3.7 MPII-3.7 MPII-3.7 MPII-3.7 Does the device transmit/receive personally identifiable information via scanning a document? No cost the device import personally identifiable information via a proprietary protocol? No cost the device import personally identifiable information via a proprietary protocol? No cost the device import personally identifiable information via a proprietary protocol? No cost the device import personally identifiable information via scanning a document? No cost the device import personally identifiable information via a proprietary protocol? No cost the device import personally identifiable information via a proprietary protocol? No cost the device import personally identifiable information via a mineral personally identifiab		Does the device generate hardcopy reports or images				
information from or record personally identifiable information to removable media (e.g., removable HDD, USB memory, DV-R/RW,CD-R/RW, tape, CF/SD	MPII-3.2	containing personally identifiable information?	Yes Note 4		AR-2	A.15.1.4
Information to removable medial (e.g., removable: HDD, USB memory, DVD-R/RW, CD-R/RW, CD-R/RW		Does the device retrieve personally identifiable				
MPII-3.2 Acrd. memory, DVD-R/RW,CD-R/RW, tape, CF/SD Area of memory, DVD-R/RW, CD-R/RW, tape, CF/SD Area of memory, DVD-R/RW, CD-R/RW, tape, CF/SD Area of memory, DVD-R/RW, CD-R/RW, tape, CF/SD Does sthe device transmit/receive personally Identifiable information via a wired network MPII-3.5 Connection (e.g., MIS-R) bette optic, etc.)? Area of memory of me		information from or record personally identifiable				
MPII-3.3 ard, memory stick, etc.)? Yes Mote 5 Card, memory stick, etc.)? Coes the device transmit/receive or import/zeport personally identifiable information via dedicated cable MPII-3.4 Connection (e.g., RS-232, RS-423, USB, FireWire, etc.)? No Connection (e.g., RS-232, RS-423, USB, FireWire, etc.)? Connection (e.g., RS-332, RS-423, USB, FireWire, etc.)? Obes the device transmit/receive personally identifiable information via a wired network MPII-3.5 Connection (e.g., RMS, fiber optic, etc.)? Obes the device transmit/receive personally identifiable information via a wireless network connection (e.g., WFIF, Bluetooth, NFC, Infraed, Does the device transmit/receive personally identifiable information over an external network identifi		information to removable media (e.g., removable-				
Does the device transmit/receive or import/export personally identifiable information via dedicated cable personally identifiable information via a wired network pose the device transmit/receive personally dentifiable information via a wired network dentifiable information via a wired network pose the device transmit/receive personally dentifiable information via a wired network pose the device transmit/receive personally dentifiable information via a wired network pose the device transmit/receive personally dentifiable information via a wireless network pose the device transmit/receive personally dentifiable information via a wireless network pose the device transmit/receive personally dentifiable information over an external network pose the device transmit/receive personally dentifiable information over an external network pose the device transmit/receive personally dentifiable information via a proprietary protocol? No						
Personally identifiable information via dedicated cable MPII-3.4 MPII-3.5 MPII-3.5 MPII-3.5 MPII-3.6 MPII-3.6 MPII-3.7 MPII-3.7 MPII-3.7 MPII-3.7 MPII-3.8 MPII-3.9 MPII-3.10 MPI	MPII-3.3		Yes Note 5		AR-2	A.15.1.4
MPII-3.4 connection (e.g., RS-232, RS-423, USB, FireWire, etc.)? Does the device transmit/receive personally identifiable information via a wire device reasonally identifiable information via a vire device vire personally identifiable information via a vire device vire protocol? No Does the device use any other mechanism to transmit, MPII-3.7 Does the device use any other mechanism to transmit, MPII-3.8 Does the device use any other mechanism to transmit, MPII-3.9 Does the device use any other mechanism to transmit, MPII-3.10 Input or export personally identifiable information? No A.15.1.4 A.15.1.4 A.15.1.4						
Does the device transmit/receive personally identifiable information via a wired network MPII-3.5 MPII-3.5 MPII-3.6 MPII-3.6 MPII-3.6 MPII-3.6 MPII-3.6 MPII-3.6 MPII-3.7 Does the device transmit/receive personally identifiable information over an external network MPII-3.6 MPII-3.7 MPII-3.6 MPII-3.6 MPII-3.6 MPII-3.6 Does the device inansmit/receive personally identifiable information via a wireless network Connection (e.g., WiFi, Bluetooth, NFC, infrared, MPII-3.6 MPII-3.6 MPII-3.7 Does the device transmit/receive personally identifiable information over an external network MPII-3.7 Does the device import personally identifiable MPII-3.9 MPII-3.9 MPII-3.9 MPII-3.9 Does the device use any other mechanism to transmit. Import or export personally identifiable information: MPII-3.0 MPII-3.10 MPII-3.10 Does the device use any other mechanism to transmit.						
MPII-3.5 connection (e.g., RI45, fiber optic, etc.)? Yes Mote 7 Does the device transmit/receive personally identifiable information via a wired network connection (e.g., WIFi, Bluetooth, NFC, infrared, Does the device transmit/receive personally identifiable information via a wireless network connection (e.g., WIFi, Bluetooth, NFC, infrared, Does the device transmit/receive personally identifiable information over an external network possible of the device transmit/receive personally identifiable information over an external network possible device transmit/receive personally identifiable information over an external network possible device transmit/receive personally identifiable information via scanning a document? No constitution over an external network possible device transmit/receive personally identifiable information via scanning a document? No constitution over an external network possible device transmit/receive personally identifiable information via a proprietary protocol? No constitution over an external network possible device transmit/receive personally identifiable information via a proprietary protocol? No constitution possible device use any other mechanism to transmit, when the possible device use any other mechanism to transmit.	MPII-3.4		? No		AR-2	A.15.1.4
MPII-3.5 connection (e.g., RJ45, fiber optic, etc.)? Does the device transmit/receive personally identifiable information via a wireless network connection (e.g., Wife, Bluetooth, NFC, infrared, Does the device transmit/receive personally identifiable information via a wireless network connection (e.g., Wife, Bluetooth, NFC, infrared, Does the device transmit/receive personally identifiable information over an external network MPII-3.7 (e.g., Internet)? Does the device import personally identifiable information via a sonning a document? Does the device transmit/receive personally Does the device transmit/receive personally identifiable information via a proprietary protocol? No October 1 Does the device use any other mechanism to transmit. MPII-3.0 import or export personally identifiable information? No —						
Does the device transmit/receive personally identifiable information via a wireless network connection (e.g., WiFi, Bluetoth, NFC, infrared, cellular, etc.)? MPII-3.6 MPII-3.7 MPII-3.8 MPII-3.9 MPII-3.9 Does the device import personally identifiable information via a proprietary protocol? Does the device use any other mechanism to transmit. MPII-3.10 MPII-3.10 MPII-3.10 Does the device usany other mechanism to transmit? MPII-3.10 MPII	MDU 2 F		Voc. Note 7		AR 2	A 1E 1 A
identifiable information via a wireless network connection (e.g., WiFi, Bluetooth, NFC, infrared, Cellular, etc.)? NPII-3.6 MPII-3.7 MPII-3.7 MPII-3.8 MPII-3.8 MPII-3.9 Does the device import personally identifiable information via a proprietary protocol? Does the device transmit/receive personally identifiable information via a proprietary protocol? Does the device use any other mechanism to transmit, Molessian import or export personally identifiable information? MPII-3.10 MAR-2 AR-2 A.15.1.4 AR-2 A.15.1.4 AR-2 A.15.1.4 AR-2 A.15.1.4	IVIPII-3.5		res Note /		AR-2	A.13.1.4
Connection (e.g., WiFi, Bluetooth, NFC, infrared, cellular, etc.)? Does the device transmit/receive personally identifiable information over an external network MPII-3.7 MPII-3.8 MPII-3.9 Does the device import personally identifiable information via scanning a document? Does the device transmit/receive personally identifiable information via a proprietary protocol? No Does the device use any other mechanism to transmit, might of export personally identifiable information? MPII-3.10 MPII-3.10 MPII-3.10 AR-2 AR-2 AR-2 AR-3 AR-						
MPII-3.6 cellular, etc.)? Does the device transmit/receive personally identifiable information over an external network MPII-3.7 (e.g., Internet)? Does the device import personally identifiable Information via scanning a document? Does the device transmit/receive personally identifiable information via a proprietary protocol? MPII-3.9 identifiable information via a proprietary protocol? MPII-3.10 import or export personally identifiable information? No AR-2 AR-2 AR-15.1.4 AR-2 AR-2 AR-15.1.4 AR-2 AR-15.1.4 AR-2 AR-15.1.4 AR-2 AR-15.1.4 AR-2 AR-15.1.4 AR-15.1.4						
Does the device transmit/receive personally identifiable information over an external network MPII-3.7 (e.g., Internet)? Does the device import personally identifiable MPII-3.8 information via scanning a document? Does the device transmit/receive personally identifiable information via a proprietary protocol? MPII-3.9 import or export personally identifiable information? MPII-3.10 import or export personally identifiable information? No AR-2 A.15.1.4 AR-2 A.15.1.4 AR-2 A.15.1.4	MPII-3 6		No		AR-2	A 15 1 4
identifiable information over an external network MPII-3.7 (e.g., Internet)? Does the device import personally identifiable MPII-3.8 information via scanning a document? Does the device transmit/receive personally MPII-3.9 Does the device use any other mechanism to transmit, MPII-3.10 import or export personally identifiable information? No AR-2 A.15.1.4 AR-2 A.15.1.4 AR-2 A.15.1.4 AR-2 A.15.1.4	1411 11 3.0		_		7.11. 2	7.1123.21.1
MPII-3.7 (e.g., Internet)? Does the device import personally identifiable MPII-3.8 information via scanning a document? Does the device transmit/receive personally identifiable information via a proprietary protocol? Does the device use any other mechanism to transmit, import or export personally identifiable information? MPII-3.10 import or export personally identifiable information? No A.15.1.4 A.15.1.4						
Does the device import personally identifiable information via scanning a document? Does the device transmit/receive personally MPII-3.9 Does the device use any other mechanism to transmit, MPII-3.10 import or export personally identifiable information? No AIS-1.4	MPII-3.7		No		AR-2	A.15.1.4
MPII-3.8 information via scanning a document? Does the device transmit/receive personally MPII-3.9 identifiable information via a proprietary protocol? Does the device use any other mechanism to transmit, MPII-3.10 import or export personally identifiable information? No AR-2 A.15.1.4	-	· ·				
Does the device transmit/receive personally identifiable information via a proprietary protocol? Does the device use any other mechanism to transmit, MPII-3.10 import or export personally identifiable information? No	MPII-3.8		No			
Does the device use any other mechanism to transmit, MPII-3.10 import or export personally identifiable information? No AR-2 A.15.1.4						
MPII-3.10 import or export personally identifiable information? No AR-2 A.15.1.4	MPII-3.9	identifiable information via a proprietary protocol?	No			
MPII-3.10 import or export personally identifiable information? No AR-2 A.15.1.4						
		Does the device use any other mechanism to transmit	t,			
Management of Private Data notes: AR-2 A.15.1.4			No			
	Management of Pr	ivate Data notes:			AR-2	A.15.1.4

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001	31-Mar-2021			
	AUTOMATIC LOGOFF (ALOF) The device's ability to prevent access and misuse by unauthorized users if device is left idle for a period of time.			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
ALOF-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)?	Yes Note 8		Section 5.1, ALOF	AC-12	None
ALOI-1	Is the length of inactivity time before auto-			30000113.1,71201	710 12	
ALOF-2	logoff/screen lock user or administrator configurable?	? Yes Note 8		Section 5.1, ALOF	AC-11	A.11.2.8, A.11.2.9
	AUDIT CONTROLS (AUDT) The ability to reliably audit activity on the device.			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	Can the medical device create additional audit logs or	•				A.5.1.1, A.5.1.2, A.6.1.1,
AUDT-1 AUDT-1.1	reports beyond standard operating system logs? Does the audit log record a USER ID?	Yes Yes		Section 5.2, AUDT	AU-1	A.12.1.1, A.18.1.1, A.18.2.2
AUDT-1.2	Does other personally identifiable information exist in the audit trail?	Yes		Section 5.2, AUDT	AU-2	None
	Are events recorded in an audit log? If yes, indicate which of the following events are recorded in the					
AUDT-2	audit log:	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.1	Successful login/logout attempts?	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.2	Unsuccessful login/logout attempts?	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.3	Modification of user privileges?	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.4	Creation/modification/deletion of users?	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.5	Presentation of clinical or PII data (e.g. display, print)?			Section 5.2, AUDT	AU-2	None
AUDT-2.5	Creation/modification/deletion of data?	Yes		Section 5.2, AUDT	AU-2	None
AUD1-2.0	Import/export of data from removable media (e.g.	<u>_</u>		3ection 3.2, A0D1	A0-2	None
AUDT-2.7	USB drive, external hard drive, DVD)? Receipt/transmission of data or commands over a	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.8	network or point-to-point connection?	Yes		Section 5.2, AUDT	AU-2	None
AUDT-2.8.1	Remote or on-site support? Application Programming Interface (API) and similar	Yes		Section 5.2, AUDT	AU-2	None
ALIDT 2.0.2	activity?	N/A		Section 5.2, AUDT	AU-2	None
AUDT-2.8.2	•	-		,	AU-2 AU-2	
AUDT-2.9	Emergency access?	N/A Yes Note 9		Section 5.2, AUDT Section 5.2, AUDT	AU-2 AU-2	None None
AUDT-2.10	Other events (e.g., software updates)?					
AUDT-2.11	Is the audit capability documented in more detail? Can the owner/operator define or select which events	No <u> </u>		Section 5.2, AUDT	AU-2	None
AUDT-3	are recorded in the audit log? Is a list of data attributes that are captured in the	No		Section 5.2, AUDT	AU-2	None
AUDT-4	audit log for an event available?	Yes Available upon request.		Section 5.2, AUDT	AU-2	None
AUDT-4.1	Does the audit log record date/time?	Yes Note 10		Section 5.2, AUDT	AU-2	None
7,001 4.1	Can date and time be synchronized by Network Time	1000 10		5000011 512,710 51	7.0 2	
AUDT-4.1.1	Protocol (NTP) or equivalent time source?	Yes Note 11		Section 5.2, AUDT	AU-2	None
AUDT-5	Can audit log content be exported?	Yes		Section 5.2, AUDT	AU-2	None
		Yes		Section 3.2, AUDI	AU-2	NOTE
AUDT-5.1	Via physical media? Via IHE Audit Trail and Node Authentication (ATNA)					
AUDT-5.2	profile to SIEM?	No				
7.001-3.2	Via Other communications (e.g., external service					
AUDT-5.3	device, mobile applications)?	Yes Note 12				
MUD1-3.3	Are audit logs encrypted in transit or on storage	NOTE 12				
	Are addit logs entrypted in transit or oil storage					

AUDT-5.4

media?

See Notes

Note 2

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001		31-Mar-2021			
AUDT-6	Can audit logs be monitored/reviewed by owner/operator?	Yes	_				
AUDT-7	Are audit logs protected from modification?	Yes	_		Section 5.2, AUDT	AU-2	None
AUDT-7.1	Are audit logs protected from access?	Yes					
AUDT-8	Can audit logs be analyzed by the device?	No	_		Section 5.2, AUDT	AU-2	None
	AUTHORIZATION (AUTH)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	The ability of the device to determine the authorization of users.						
	Does the device prevent access to unauthorized users						
AUTH-1	through user login requirements or other mechanism? Can the device be configured to use federated credentials management of users for authorization	Yes	Note 13		Section 5.3, AUTH	IA-2	A.9.2.1
AUTH-1.1	(e.g., LDAP, OAuth)? Can the customer push group policies to the device	Yes	Active Directory		Section 5.3, AUTH	IA-2	A.9.2.1
AUTH-1.2	(e.g., Active Directory)? Are any special groups, organizational units, or group	See Notes	Note 14		Section 5.3, AUTH	IA-2	A.9.2.1
AUTH-1.3	policies required? Can users be assigned different privilege levels based on 'role' (e.g., user, administrator, and/or service,	Yes	Note 15		Section 5.3, AUTH	IA-2	A.9.2.1
AUTH-2	etc.)?	Yes	_		Section 5.3, AUTH	IA-2	A.9.2.1
	Can the device owner/operator grant themselves unrestricted administrative privileges (e.g., access operating system or application via local root or						
AUTH-3	administrator account)? Does the device authorize or control all API access	Yes	_		Section 5.3, AUTH	IA-2	A.9.2.1
AUTH-4	requests? Does the device run in a restricted access mode, or	N/A	_		Section 5.3, AUTH	IA-2	A.9.2.1
AUTH-5	'kiosk mode', by default?	No	_				
	CYBER SECURITY PRODUCT UPGRADES (CSUP)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	The ability of on-site service staff, remote service staff, or authorized customer staff to install/upgrade device's security patches.						
	Does the device contain any software or firmware which may require security updates during its						
	operational life, either from the device manufacturer						
	or from a third-party manufacturer of the						
	software/firmware? If no, answer "N/A" to questions						
CSUP-1	in this section.	Yes	_				
	Does the device contain an Operating System? If yes,						
CSUP-2	complete 2.1-2.4.	Yes	_				
	Does the device documentation provide instructions						
CSUP-2.1	for owner/operator installation of patches or software updates?	Yes	Note 16				
CSUF-Z.I	Does the device require vendor or vendor-authorized	163	NOTE TO				
CSUP-2.2	service to install patches or software updates?	No					
	Does the device have the capability to receive remote		-				
CSUP-2.3	installation of patches or software updates?	Yes					

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001	31-Mar-2021
---------------	--------------------------	------------------	-------------

	Does the medical device manufacturer allow security			
	updates from any third-party manufacturers (e.g.,			
	Microsoft) to be installed without approval from the			
CSUP-2.4	manufacturer?	Yes		
	Does the device contain Drivers and Firmware? If yes,			
CSUP-3	complete 3.1-3.4.	Yes		
	Does the device documentation provide instructions			
	for owner/operator installation of patches or software			
CSUP-3.1	updates?	No		
C3UP-3.1	·			
00110 0 0	Does the device require vendor or vendor-authorized	V		
CSUP-3.2	service to install patches or software updates?	Yes <u> </u>		
	Does the device have the capability to receive remote			
CSUP-3.3	installation of patches or software updates?	Yes		
	Does the medical device manufacturer allow security			
	updates from any third-party manufacturers (e.g.,			
	Microsoft) to be installed without approval from the			
CSUP-3.4	manufacturer?	No		
	Does the device contain Anti-Malware Software? If			
CSUP-4	yes, complete 4.1-4.4.	No Note 17		
	Does the device documentation provide instructions			
	for owner/operator installation of patches or software			
CSUP-4.1	updates?	N/A		
C501 4.1	Does the device require vendor or vendor-authorized			
CSUP-4.2	service to install patches or software updates?	N/A		
C3UP-4.2		NyA		
00110 4 0	Does the device have the capability to receive remote	N/A		
CSUP-4.3	installation of patches or software updates?	N/A		
	Does the medical device manufacturer allow security			
	updates from any third-party manufacturers (e.g.,			
	Microsoft) to be installed without approval from the			
CSUP-4.4	manufacturer?	N/A		
	Does the device contain Non-Operating System			
	commercial off-the-shelf components? If yes,			
CSUP-5	complete 5.1-5.4.	Yes		
	Does the device documentation provide instructions			
	for owner/operator installation of patches or software			
CSUP-5.1	updates?	No		
	Does the device require vendor or vendor-authorized			
CSUP-5.2	service to install patches or software updates?	Yes		
0001 012	Does the device have the capability to receive remote	-		
CSUP-5.3	installation of patches or software updates?	Yes		
C301 -3.3	Does the medical device manufacturer allow security	_		
	updates from any third-party manufacturers (e.g.,			
CCUP E 4	Microsoft) to be installed without approval from the	No.		
CSUP-5.4	manufacturer?	No		
	Does the device contain other software components			
	(e.g., asset management software, license			
	management)? If yes, please provide details or			
CSUP-6	refernce in notes and complete 6.1-6.4.	No		
	Does the device documentation provide instructions			
	for owner/operator installation of patches or software			
CSUP-6.1	updates?	N/A		
	Does the device require vendor or vendor-authorized			
CSUP-6.2	service to install patches or software updates?	N/A		
	Does the device have the capability to receive remote			
CSUP-6.3	installation of patches or software updates?	N/A		

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001	31-Mar-2021
HOIOPIC. INC.			SI WILL ZOZI

	Does the medical device manufacturer allow security			
	updates from any third-party manufacturers (e.g.,			
	Microsoft) to be installed without approval from the			
CSUP-6.4	manufacturer?	N/A		
	Does the manufacturer notify the customer when			
CSUP-7	updates are approved for installation?	Yes Note 18		
	Does the device perform automatic installation of			
CSUP-8	software updates?	No		
	Does the manufacturer have an approved list of third-			
CSUP-9	party software that can be installed on the device?	Yes Note 17		
	Can the owner/operator install manufacturer-			
	approved third-party software on the device			
CSUP-10	themselves?	Yes Note 17		
	Does the system have mechanism in place to prevent			
CSUP-10.1	installation of unapproved software?	No		
	Does the manufacturer have a process in place to			
CSUP-11	assess device vulnerabilities and updates?	Yes Note 19		
	Does the manufacturer provide customers with			
CSUP-11.1	review and approval status of updates?	Yes Note 19		
CSUP-11.2	Is there an update review cycle for the device?	Yes Note 20		

	HEALTH DATA DE-IDENTIFICATION (DIDT) The ability of the device to directly remove information that allows identification of a person.			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
DIDT-1	Does the device provide an integral capability to de- identify personally identifiable information? Does the device support de-identification profiles that comply with the DICOM standard for de-	Yes	-	Section 5.6, DIDT	None	ISO 27038
DIDT-1.1	identification?	Yes	_	Section 5.6, DIDT	None	ISO 27038
	DATA BACKUP AND DISASTER RECOVERY (DTBK))		IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	The ability to recover after damage or destruction of device data, hardware, software, or site configuration information.	1				
	Does the device maintain long term primary storage o personally identifiable information / patient	f				
DTBK-1	information (e.g. PACS)? Does the device have a "factory reset" function to restore the original device settings as provided by the	No	_			
DTBK-2	manufacturer? Does the device have an integral data backup	See Notes	Note 3	Section 5.7, DTBK	CP-9	A.12.3.1
DTBK-3	capability to removable media? Does the device have an integral data backup	Yes	Note 21	Section 5.7, DTBK	CP-9	A.12.3.1
DTBK-4	capability to remote storage? Does the device have a backup capability for system	Yes	Note 21			
DTBK-5	configuration information, patch restoration, and software restoration? Does the device provide the capability to check the	Yes	Note 21			
DTBK-6	integrity and authenticity of a backup?	No	_	Section 5.7, DTBK	CP-9	A.12.3.1

Hologic, Inc. Horizon DXA Product line RD-04136 Rev 001 31-Mar-2021

The abilit identifial	GENCY ACCESS (EMRG) lity of the device user to access personally able information in case of a medical			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	ncy situation that requires immediate access and personally identifiable information.					
Does the	e device incorporate an emergency access (i.e.	No	_	Section 5.8, EMRG	SI-17	None
(IGAU) How the device ho authorize	e device ensures that the stored data on the has not been altered or destroyed in a non- zed manner and is from the originator.			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
mechanis IGAU-1 signature Does the	e device provide error/failure protection and	No		Section 5.9, IGAU	SC-28	A.18.1.3
recovery IGAU-2 RAID-5)?	y mechanisms for stored health data (e.g., ?	No	Note 22	Section 5.9, IGAU	SC-28	A.18.1.3
	ARE DETECTION/PROTECTION (MLDP) lity of the device to effectively prevent, detect			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
MLDP-1 Is the det Does the	nove malicious software (malware). evice capable of hosting executable software? e device support the use of anti-malware e (or other anti-malware mechanism)? Provide		_	Section 5.10, MLDP		
MLDP-2 details or	· ·		Note 17	Section 5.10, MLDP	SI-3	A.12.2.1 A.9.2.3, A.9.4.5, A.12.1.2,
MLDP-2.1 default?	•	No	Note 17	Section 5.10, MLDP	CM-5	A.12.1.4, A.12.5.1
MLDP-2.2 as an opt Does the		Yes	Note 17	Section 5.10, MLDP	AU-6	A.12.4.1, A.16.1.2, A.16.1.4
MLDP-2.3 software	e?	Yes	Note 17	Section 5.10, MLDP	CP-10	A.17.1.2
MLDP-2.4)configur	device owner/operator independently (re- ure anti-malware settings? otification of malware detection occur in the	Yes	Note 23	Section 5.10, MLDP	AU-2	None
MLDP-2.5 device us		See Notes	Note 24			
·	•	Yes				
	ware notifications written to a log? re any restrictions on anti-malware (e.g.,	Yes	Note 25			
MLDP-2.8 purchase If the ans		Yes	Note 23			A.12.6.1, A.14.2.2, A.14.2.3,
MLDP-3 compens Does the		N/A	_	Section 5.10, MLDP	SI-2	A.16.1.3
MLDP-4 to be run	in on the device?	No	_	Section 5.10, MLDP	SI-3	A.12.2.1
	e device employ a host-based intrusion on/prevention system?	No	_	Section 5.10, MLDP	SI-4	None

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001		31-Mar-2021			
	Can the host-based intrusion detection/prevention						
MLDP-5.1	system be configured by the customer? Can a host-based intrusion detection/prevention	N/A	_		Section 5.10, MLDP	CM-7	A.12.5.1
MLDP-5.2	system be installed by the customer?	No	_		Section 5.10, MLDP		
	NODE AUTHENTICATION (NAUT)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	The ability of the device to authenticate				ILC TR 80001-2-2.2012	NIST SF 800-33 Rev. 4	130 27002.2013
	communication partners/nodes.						
	Does the device provide/support any means of node						
	authentication that assures both the sender and the						
	recipient of data are known to each other and are						
NAUT-1	authorized to receive transferred information (e.g. Web APIs, SMTP, SNMP)?	Yes			Section 5.11, NAUT	SC-23	None
NAUTI	Are network access control mechanisms supported	163			Section 3.11, NAO1	30-23	None
	(E.g., does the device have an internal firewall, or use						A.13.1.1, A.13.1.3,
NAUT-2	a network connection white list)?	Yes	Note 26		Section 5.11, NAUT	SC-7	A.13.2.1,A.14.1.3
	Is the firewall ruleset documented and available for						
NAUT-2.1	review?	Yes	Available upon request				
NAUT 2	Does the device use certificate-based network connection authentication?	No					
NAUT-3	connection authentication:	NO					
	CONNECTIVITY CAPABILITIES (CONN)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	All network and removable media connections must						
	be considered in determining appropriate security						
	controls. This section lists connectivity capabilities						
	that may be present on the device. Does the device have hardware connectivity						
CONN-1	capabilities?	Yes					
CONN-1.1	Does the device support wireless connections?	No	_				
CONN-1.1.1	Does the device support Wi-Fi?	No	_				
CONN-1.1.2	Does the device support Bluetooth?	No	_				
	Does the device support other wireless network	N					
CONN-1.1.3	connectivity (e.g. LTE, Zigbee, proprietary)? Does the device support other wireless connections	No	_				
CONN-1.1.4	(e.g., custom RF controls, wireless detectors)?	No					
CONN-1.2	Does the device support physical connections?	Yes					
CONN-1.2.1	Does the device have available RJ45 Ethernet ports?	Yes	_				
CONN-1.2.2	Does the device have available USB ports?	Yes	_				
	Does the device require, use, or support removable	Was	Notes 6				
CONN-1.2.3 CONN-1.2.4	memory devices? Does the device support other physical connectivity?	Yes	Note 6				
CONN-1.2.4	Does the manufacturer provide a list of network ports						
	and protocols that are used or may be used on the						
CONN-2	device?	Yes	Available upon request.				
	Can the device communicate with other systems						
CONN-3	within the customer environment?	Yes	_				
	Can the device communicate with other systems						
CONN-4	external to the customer environment (e.g., a service host)?	Yes					
CONN-4 CONN-5	Does the device make or receive API calls?	No	_				
	Does the device require an internet connection for its						
CONN-6	intended use?	No	_				

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001		31-Mar-2021			
	Does the device support Transport Layer Security						
CONN-7	(TLS)?	Yes	Note 27				
CONN-7.1	Is TLS configurable?	Yes	Note 27				
	Does the device provide operator control functionality	у					
CONN-8	from a separate device (e.g., telemedicine)?	No					
	PERSON AUTHENTICATION (PAUT)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	` '				ILC 1K 80001-2-2.2012	14151 5F 800-55 KeV. 4	130 27002.2013
	The ability to configure the device to authenticate users.						
	Does the device support and enforce unique IDs and						
	passwords for all users and roles (including service						
PAUT-1	accounts)?	Yes	Note 28		Section 5.12, PAUT	IA-2	A.9.2.1
	Does the device enforce authentication of unique IDs				,		
	and passwords for all users and roles (including						
PAUT-1.1	service accounts)?	Yes	Note 28		Section 5.12, PAUT	IA-2	A.9.2.1
	Is the device configurable to authenticate users						
	through an external authentication service (e.g., MS						
PAUT-2	Active Directory, NDS, LDAP, OAuth, etc.)?	Yes	Active Directory		Section 5.12, PAUT	IA-5	A.9.2.1
	Is the device configurable to lock out a user after a						
PAUT-3	certain number of unsuccessful logon attempts?	Yes	Note 29		Section 5.12, PAUT	IA-2	A.9.2.1
	Are all default accounts (e.g., technician service						
	accounts, administrator accounts) listed in the	No			Continue E 42 DALIT	CA 4/5)	A.14.1.1, A.14.2.7, A.14.2.9,
PAUT-4	documentation?	No			Section 5.12, PAUT	SA-4(5)	A.15.1.2
PAUT-5	Can all passwords be changed? Is the device configurable to enforce creation of user	Yes	_		Section 5.12, PAUT		
	account passwords that meet established						
PAUT-6	(organization specific) complexity rules?	Yes	Note 30		Section 5.12, PAUT	IA-2	A.9.2.1
TAOT-0	Does the device support account passwords that	163	14010 30		30000113.12,1701	17.2	71.5.2.1
PAUT-7	expire periodically?	Yes	Note 31				
PAUT-8	Does the device support multi-factor authentication?						
PAUT-9	Does the device support single sign-on (SSO)?	Yes	Active Directory		Section 5.12, PAUT	IA-2	A.9.2.1
PAUT-10	Can user accounts be disabled/locked on the device?	Yes	_		Section 5.12, PAUT	IA-2	A.9.2.1
PAUT-11	Does the device support biometric controls?	No			Section 5.12, PAUT	IA-2	A.9.2.1
	Does the device support physical tokens (e.g. badge						
PAUT-12	access)?	No	_				
	Does the device support group authentication (e.g.						
PAUT-13	hospital teams)?	Yes					
DALLE 44	Does the application or device store or manage	Van	Nata 22				
PAUT-14	authentication credentials? Are credentials stored using a secure method?	Yes Yes	Note 32 Note 32				
PAUT-14.1	Are credentials stored using a secure method:	ies	Note 32				
	PHYSICAL LOCKS (PLOK)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	Physical locks can prevent unauthorized users with						
	physical access to the device from compromising the						
	integrity and confidentiality of personally identifiable						
	information stored on the device or on removable						
	media						
	Is the device software only? If yes, answer "N/A" to						
PLOK-1	remaining questions in this section.	No	_		Section 5.13, PLOK	PE- 3(4)	A.11.1.1, A.11.1.2, A.11.1.3

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001		31-Mar-2021			
PLOK-2	Are all device components maintaining personally identifiable information (other than removable media physically secure (i.e., cannot remove without tools)? Are all device components maintaining personally identifiable information (other than removable media	Yes	_		Section 5.13, PLOK	PE- 3(4)	A.11.1.1, A.11.1.2, A.11.1.3
PLOK-3	physically secured behind an individually keyed lockin device? Does the device have an option for the customer to attach a physical lock to restrict access to removable	g No	_		Section 5.13, PLOK	PE- 3(4)	A.11.1.1, A.11.1.2, A.11.1.3
PLOK-4	media?	No	_		Section 5.13, PLOK	PE- 3(4)	A.11.1.1, A.11.1.2, A.11.1.3
	ROADMAP FOR THIRD PARTY COMPONENTS IN DEVICE LIFE CYCLE (RDMP) Manufacturer's plans for security support of third-party components within the device's life cycle.				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
RDMP-1	Was a secure software development process, such as ISO/IEC 27034 or IEC 62304, followed during product development? Does the manufacturer evaluate third-party applications and software components included in the	Yes			Section 5.14, RDMP	CM-2	None
RDMP-2	device for secure development practices? Does the manufacturer maintain a web page or other	Yes	_		Section 5.14, RDMP	CM-8	A.8.1.1, A.8.1.2
RDMP-3	source of information on software support dates and updates? Does the manufacturer have a plan for managing third	Yes	_		Section 5.14, RDMP	CM-8	A.8.1.1, A.8.1.2
RDMP-4	party component end-of-life?	Yes	_		Section 5.14, RDMP	CM-8	A.8.1.1, A.8.1.2
	SOFTWARE BILL OF MATERIALS (SBoM) A Software Bill of Material (SBoM) lists all the software components that are incorporated into the device being described for the purpose of operational security planning by the healthcare delivery organization. This section supports controls in the RDMP section.				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
SBOM-1	Is the SBoM for this product available? Does the SBoM follow a standard or common method	Yes	See SBoM sheet within this document				
SBOM-2	in describing software components?	No					
SBOM-2.1	Are the software components identified?	Yes	_				
SBOM-2.2	Are the developers/manufacturers of the software components identified? Are the major version numbers of the software	Yes	_				
SBOM-2.3	components identified?	Yes	_				
SBOM-2.4	Are any additional descriptive elements identified? Does the device include a command or process method available to generate a list of software	Yes	_				
SBOM-3	components installed on the device?	No	_				
SBOM-4	Is there an update process for the SBoM?	Yes	Note 33				
	SYSTEM AND APPLICATION HARDENING (SAHD)				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	The device's inherent resistance to cyber attacks and					CM-7	A.12.5.1*
	malware.					CIVI-/	A.12.5.1*

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001		31-Mar-2021			
	Is the device hardened in accordance with any						A.6.2.1, A.6.2.2, A.13.1.1,
SAHD-1	industry standards?	No			Section 5.15, SAHD	AC-17(2)/IA-3	A.13.2.1, A.14.1.2/None
	Has the device received any cybersecurity	.,				54.40(40)	A.14.2.7, A.15.1.1, A.15.1.2,
SAHD-2	certifications?	Yes	DoD RMF ATO		Section 5.15, SAHD	SA-12(10)	A.15.1.3
	Does the device employ any mechanisms for software						
SAHD-3	integrity checking	No	_				
	Does the device employ any mechanism (e.g., release-						
	specific hash key, checksums, digital signature, etc.) to ensure the installed software is manufacturer-	,					
SAHD-3.1	authorized?	Yes					
3AПD-3.1	Does the device employ any mechanism (e.g., release-						
	specific hash key, checksums, digital signature, etc.) to						
	ensure the software updates are the manufacturer-						
SAHD-3.2	authorized updates?	Yes	Note 34		Section 5.15, SAHD	CM-8	A.8.1.1, A.8.1.2
SAIID-S.2	Can the owner/operator perform software integrity	163	11010 54		300001 3.13, 37415	CIVI O	A.6.2.2, A.9.1.2, A.9.4.1,
	checks (i.e., verify that the system has not been						A.9.4.4, A.9.4.5, A.13.1.1,
SAHD-4	modified or tampered with)?	No			Section 5.15, SAHD	AC-3	A.14.1.2, A.14.1.3, A.18.1.3
0,115	Is the system configurable to allow the						
	implementation of file-level, patient level, or other						
SAHD-5	types of access controls?	Yes	Note 35		Section 5.15, SAHD	CM-7	A.12.5.1*
SAHD-5.1	Does the device provide role-based access controls?	Yes	Note 35		Section 5.15, SAHD	CM-7	A.12.5.1*
	Are any system or user accounts restricted or disabled	t de la companya de l					
SAHD-6	by the manufacturer at system delivery?	Yes	Note 36		Section 5.15, SAHD	CM-8	A.8.1.1, A.8.1.2
	Are any system or user accounts configurable by the						
SAHD-6.1	end user after initial configuration?	Yes			Section 5.15, SAHD	CM-7	A.12.5.1*
	Does this include restricting certain system or user						
	accounts, such as service technicians, to least						
SAHD-6.2	privileged access?	See Notes	Note 37		Section 5.15, SAHD	CM-7	A.12.5.1*
	Are all shared resources (e.g., file shares) which are						
	not required for the intended use of the device						
SAHD-7	disabled?	Yes	_		Section 5.15, SAHD	CM-7	A.12.5.1*
	Are all communication ports and protocols that are						
	not required for the intended use of the device						
SAHD-8	disabled?	Yes	_		Section 5.15, SAHD	SA-18	None
	Are all services (e.g., telnet, file transfer protocol						
	[FTP], internet information server [IIS], etc.), which						
	are not required for the intended use of the device	.,					
SAHD-9	deleted/disabled?	Yes	_		Section 5.15, SAHD	CM-6	None
	Are all applications (COTS applications as well as OS-						
	included applications, e.g., MS Internet Explorer, etc.) which are not required for the intended use of the						A.12.6.1, A.14.2.2, A.14.2.3,
SAHD-10	device deleted/disabled?	Yes			Section 5.15, SAHD	SI-2	A.12.6.1, A.14.2.2, A.14.2.3, A.16.1.3
SAIID-10	Can the device prohibit boot from uncontrolled or	163	_		Section 3.13, SAITE	31-2	A.10.1.3
	removable media (i.e., a source other than an internal						
SAHD-11	drive or memory component)?	Yes	Note 38				
5/11/5 11	Can unauthorized software or hardware be installed						
SAHD-12	on the device without the use of physical tools?	See Notes	Note 39				
	Does the product documentation include information						
SAHD-13	on operational network security scanning by users?	No	_				
	Can the device be hardened beyond the default						
SAHD-14	provided state?	See Notes	Note 40				
	Are instructions available from vendor for increased						
SAHD-14.1	hardening?	Yes	Available upon request/discussion.				
	Can the system prevent access to BIOS or other						

Can the system prevent access to BIOS or other

Yes

Note 38

bootloaders during boot?

SHAD-15

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001		31-Mar-2021			
SAHD-16	Have additional hardening methods not included in 2.3.19 been used to harden the device?	No	_				
	SECURITY GUIDANCE (SGUD) Availability of security guidance for operator and administrator of the device and manufacturer sales and service.				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
SGUD-1	Does the device include security documentation for the owner/operator? Does the device have the capability, and provide	Yes	Note 41		Section 5.16, SGUD	AT-2/PL-2	A.7.2.2, A.12.2.1/A.14.1.1
SGUD-2	instructions, for the permanent deletion of data from the device or media?	Yes	Note 42		Section 5.16, SGUD	MP-6	A.8.2.3, A.8.3.1, A.8.3.2, A.11.2.7 A.9.1.2, A.9.2.3, A.9.4.4,
SGUD-3	Are all access accounts documented? Can the owner/operator manage password control for	Yes r	Available upon request.		Section 5.16, SGUD	AC-6,IA-2	A.9.4.5/A.9.2.1
SGUD-3.1 SGUD-4	all accounts? Does the product include documentation on recommended compensating controls for the device?	Yes	— Note 17				
3000-4	recommended compensating controls for the device.	163	Note 17				
	HEALTH DATA STORAGE CONFIDENTIALITY (STCF) The ability of the device to ensure unauthorized access does not compromise the integrity and confidentiality of personally identifiable information stored on the device or removable media.				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
STCF-1.1 STCF-1.2	Can the device encrypt data at rest? Is all data encrypted or otherwise protected? Is the data encryption capability configured by default?	Yes See Notes No	Note 2		Section 5.17, STCF	SC-28	A.8.2.3
STCF-1.3 STCF-2	Are instructions available to the customer to configure encryption? Can the encryption keys be changed or configured?	e No Yes	Note 2		Section 5.17, STCF	SC-28	A.8.2.3
STCF-3	Is the data stored in a database located on the device Is the data stored in a database external to the device?	? Yes	_				
3161 4	define.		_				
	TRANSMISSION CONFIDENTIALITY (TXCF) The ability of the device to ensure the confidentiality of transmitted personally identifiable information.				IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
TXCF-1	Can personally identifiable information be transmitted only via a point-to-point dedicated cable? Is personally identifiable information encrypted prior	No No			Section 5.18, TXCF	CM-7	A.12.5.1
TXCF-2	to transmission via a network or removable media? If data is not encrypted by default, can the customer	See Notes	Note 43		Section 5.18, TXCF	CM-7	A.12.5.1
TXCF-2.1	configure encryption options? Is personally identifiable information transmission	Yes	Note 43				
TXCF-3 TXCF-4	restricted to a fixed list of network destinations? Are connections limited to authenticated systems? Are secure transmission methods	Yes No	Ξ		Section 5.18, TXCF Section 5.18, TXCF	CM-7 CM-7	A.12.5.1 A.12.5.1
TXCF-5	supported/implemented (DICOM, HL7, IEEE 11073)?	No	_				

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001	31-Mar-2021
---------------	--------------------------	------------------	-------------

TRANSMISSION INTEGRITY (TXIG)		IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
The ability of the device to ensure the integrity of transmitted data.				
Does the device support any mechanism (e.g., digital				
signatures) intended to ensure data is not modified				A.8.2.3, A.13.1.1, A.13.2.1,
during transmission?	No	Section 5.19, TXIG	SC-8	A.13.2.3, A.14.1.2, A.14.1.3
Does the device include multiple sub-components				
connected by external cables?	No			

	REMOTE SERVICE (RMOT)			IEC TR 80001-2-2:2012	NIST SP 800-53 Rev. 4	ISO 27002:2013
	Remote service refers to all kinds of device					
	maintenance activities performed by a service person					
	via network or other remote connection.					
	Does the device permit remote service connections					A.6.2.1, A.6.2.2, A.13.1.1,
RMOT-1	for device analysis or repair?	Yes			AC-17	A.13.2.1, A.14.1.2
	Does the device allow the owner/operator to initiative	re				
RMOT-1.1	remote service sessions for device analysis or repair?	No				
	Is there an indicator for an enabled and active remote	e				
RMOT-1.2	session?	Yes				
	Can patient data be accessed or viewed from the					A.6.2.1, A.6.2.2, A.13.1.1,
RMOT-1.3	device during the remote session?	Yes			AC-17	A.13.2.1, A.14.1.2
	Does the device permit or use remote service					
RMOT-2	connections for predictive maintenance data?	No				
	Does the device have any other remotely accessible					
RMOT-3	functionality (e.g. software updates, remote training)?	? Yes	Note 44			

OTHER SECURITY CONSIDERATIONS (OTHR) IEC TR 80001-2-2:2012 NIST SP 800-53 Rev. 4 ISO 27002:2013

NONE

TXIG-1

Notes:

Device contains a limited amount of ePHI to identify images - typically a name, date of birth, patient ID, and accession number. Note 1 Symantec Endpoint Encryption may be installed to encrypt all data at rest. Encryption key configuration is determined by Symantec Note 2 Factory reset requires Service Personnel to perform Note 3 Optional printing of patient reports Note 4 Optional importing and exporting of patient Note 5 procedures. Backup/Restore/Archive Note 6 Typically an RJ45 Ethernet connection. Note 7 Product application defaults to never logging out current user. Inactivity timeout configurable. Note 8 Note 9 Software installation and updates are logged.

Hologic, Inc.	Horizon DXA Product line	RD-04136 Rev 001
	Log date/time stamp based on current Windows	
Note 10	date/time for the system.	
Note 11	Windows can be configured with an NTP server.	
	Can be exported and downloaded by remote or local	
	service users via the product Service Tools web	
Note 12	application.	
Note 13	User login with password	
	It's strongly recommend to limit policy changes	
	pushed to the device to User related policies only,	
	such as password complexity requirements, forcing	
	passwords to expire, etc. There are certain policy	
	changes that, if pushed, could negatively impact the	
Note 14	product application.	
	Strongly recommend configuring the product in its	
	own Organizational Unit and limiting policy changes	
Note 15	pushed to the system.	
	See product support website for list of validated security patches. Validation of latest security patches	
Note 16	performed at regular intervals for the product.	
Note 10	Option available to install validated CoTS antimalware	
	products. See product support website for list of	
	validated antimalware software solutions and	
	installation guidance. Malware definitions can be	
	updated by customer at will. Hologic suggests keeping	
	antimalware software version at the same major	
Note 17	version as what was validated.	
	Validated security patches for the product are posted	
Note 18	to the product support website at regular intervals.	
	Vulnerability assessments, leveraging industry	
Note 19	standard tools, and Windows security patch validation occur at regular intervals.	1
Note 19	Hologic strives to evaluate and test Windows security	
	updates for the product as they're released (typically	
Note 20	monthly).	
11010 20	Software databases and configurations are	
	automatically backed up at regular intervals. Patient	
	studies should be stored to long term storage or	
Note 21	exported to external media by the customer.	
	Product not designed for long term storage. Patient	
Note 22	studies should be stored to long term storage.	
	See antimalware software installation guide on	
	product support website for required scan exemption	S
Note 23	and configurations.	
	CoTS antimalware products often provide a manager	
Note 24	that allows for email alerts and notifications to the appropriate personnel.	
NULE 24	Approved CoTS antimalware software typically have a	
Note 25	history feature and/or log.	
	Windows Firewall enabled and configured to allow	
	product application network traffic. Patient data only	
Note 26	sent to configured DICOM devices.	

31-Mar-2021

	Hologic Connect leverages an encrypted TLS tunnel for
	remote Service connectivity. TLS can, optionally, be
	configured for the product Service Tools configuration
	web application. External network traffic can also be
	blocked for Service Tools. Patient study transmission
	to external devices is done using DICOM, without TLS.
Note 27	Customer may configure TLS at the network layer.
	Use of unique product accounts is the decision of the
Note 28	customer. Generic accounts can be removed.
	Enabled by default, locking the user for 15 minutes
Note 29	after 3 failed logon attempts.
Note 30	Not configured by default
	Passwords not configured to automatically expire by
Note 31	default. Configurable by customer.
	Product application leverages Windows Operating
	System for user authentication. Credentials not stored
	in application databases. Credentials stored/managed
Note 32	securely via Operating System.
	SBOM reviewed and updated as required during
Note 33	product update cycles.
	Software update install packages include integrity
	checks for all packaged files. Integrity check
Note 34	automatically performed during installations.
	Product utilizes role-based privileges for many
Note 35	sensitive areas of the application.
	Default product application users can be removed.
Note 36	Windows Administrator and Guest accounts disabled.
	Service users require admin privileges for many of
	their responsibilities. Customer may customize those
	privileges or disable service accounts to restrict
	access, but should communicate these changes to
	their service representative. Implementing service
	user restrictions requires customers to provide access
Note 37	as needed for servicing the product.
	Can be configured, not restricted by default. If
	configured, communicate change to service
Note 38	representative.
	Hardware installation would require tools, software
Note 39	would require OS authentication.
	Additional hardening or concerns may be discussed
	with Hologic. Implementing additional hardening
Note 40	changes may negatively impact the product.
	Security documentation available on product support
Note 41	website.
	Product user manual contains details for deleting
	patient studies as a privileged application user. For
	permanent deletion of all sensitive data, contact
Note 42	support.
	Exporting patient studies to removable media has an
	option for de-identifying. Network transmission is
	typically over standard DICOM and can be encrypted
Note 43	at the network level.

Hologic, Inc. Horizon DXA Product line RD-04136 Rev 001 31-Mar-2021

Remote configuration of product via Service Tools web application. Ability to push approved software

Note 44 changes over Hologic Connect.

Device allows scan files containing ePHI to be archived

Note 45 in a separate location

Software Bill of Materials (SBoM)

Software bill of iviaterials (Spoivi)	
Component Name	Developer
Microsoft Windows 10 IoT Enterprise x64	Microsoft
Internet Explorer	Microsoft
Microsoft .NET Framework 4 Multi-Targeting Pack	Microsoft
Microsoft Access Database Engine 2010	Microsoft
Microsoft Help Viewer 1.1	Microsoft
Microsoft Report Viewer 2012 Runtime	Microsoft
Microsoft SQL Server 2008 R2 Management Objects	Microsoft
Microsoft SQL Server 2008 Setup Support Files	Microsoft
Microsoft SQL Server 2012	Microsoft
Microsoft SQL Server 2012 Native Client	Microsoft
Microsoft SQL Server 2012 Policies	Microsoft
Microsoft SQL Server 2012 Setup	Microsoft
Microsoft SQL Server 2012 Transact-SQL Compiler Service	Microsoft
Microsoft SQL Server 2012 Transact-SQL ScriptDom	Microsoft
Microsoft Sync Framework 2.1 Core Components (x86)	Microsoft
Microsoft Sync Framework 2.1 Database Providers (x86)	Microsoft
Microsoft Sync Framework 2.1 Provider Services (x86)	Microsoft
Microsoft System CLR Types for SQL Server 2012	Microsoft
Microsoft Visual C++ 2005 Redistributable	Microsoft
Microsoft Visual C++ 2008 Redistributable	Microsoft
Microsoft Visual C++ 2010 Redistributable	Microsoft
Microsoft Visual C++ 2010 Runtime	Microsoft
Microsoft Visual Studio 2010 Shell (Isolated)	Microsoft
Microsoft VSS Writer for SQL Server 2012	Microsoft
Microsoft Word 2016	Microsoft
Sentinel Runtime	Gemalto/Thales
SQL Server Browser for SQL Server 2012	Microsoft
Visual Studio 2010 Prerequisites	Microsoft
Merge DICOM Toolkit	Merge/IBM
UCDMC DICOM Library	Regents of the University of California
LeadTools Imaging Library	LeadTools
FoxBurner SDK	IFoerster Development

Wizart Runtime Assima

FRAX Blackbox University of Sheffield

ChartDirector Advanced Software Engineering

Cygwin Open Source
OpenSSH Open Source
TightVNC GlavSoft

OpenSSL Toolkit The OpenSSL Project

Microsoft Visual C++ 2005 Redistributable Microsoft
Microsoft .NET Framework 3.5 Microsoft

Additional Notes

Many of the software components listed above are covered by Hologic's program to regularly validate latest released security patches. See the product support website for the latest validated patches available or contact support for assistance.

Note 1

Tribute Use ITSB 2016; LTSC 2019 Operating System 11.3866.14393.0 Product application support libraries 14.0.4763.1000 Product application support libraries 11.40219 Product application support libraries 11.0.2100.60 Product application database software 10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.0.2100.60 Product application database software 11.0.7001.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.4.7001.0 Product application support libraries 10.4.0219 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 10.4.0219 Product application support libraries 11.4.7001.0 Produ	Voveion(s)	Product Use
11.3866.14393.0 Product application support software 4.0.30319 Product application support libraries 14.0.4763.1000 Product application support libraries 1.1.40219 Product application support libraries 11.0.2100.60 Product application database software 10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libra	Version(s)	
4.0.30319 Product application support libraries 14.0.4763.1000 Product application support libraries 1.1.40219 Product application support libraries 11.0.2100.60 Product application database software 10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application support libraries 11.4.648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support software 11.4.7001.0 Product application support libraries 11.4.00.0 Product application support libraries	·	
14.0.4763.1000 Product application support libraries 1.1.40219 Product application support libraries 11.0.2100.60 Product application database software 10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 10.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries		
1.1.40219 Product application support libraries 11.0.2100.60 Product application database software 10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 10.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries		
11.0.2100.60 Product application database software 10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support software 16.0.4266.1001 Product application support software 18.0.18023.60000 Service dongle driver 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 10.0.00 Product application support libraries 10.0.00 Product application support libraries		
10.51.2500.0 Product application database software 10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application database software 11.0.2100.60 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support software 16.0.4266.1001 Product application support software 16.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 10.0.00 Product application support libraries 10.0.0		
10.1.2731.0 Product application database software 11.0.7001.0 Product application database software 11.4.7001.0 Product application database software 11.0.2100.60 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application support libraries 4.4.0.0 Product application support libraries 9.0.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries 1.0.0.0 Product application support librar		• •
11.0.7001.0 Product application database software 11.4.7001.0 Product application database software 11.0.2100.60 Product application database software 11.4.7001.0 Product application support libraries 31.1.648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application database software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application support libraries 4.4.0.0 Product application support libraries 9.0.0.0 Product application support libraries 10.0.0.0 Product application support libraries 9.0.0.0		• •
11.4.7001.0 Product application database software 11.0.2100.60 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 2.1.1648.0 Product application support libraries 11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application support libraries 4.4.0.0 Product application support libraries 9.0.0.0 Product application support libraries 1.0.0.0 Product application support libraries 1.0.		• •
11.0.2100.60 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application database software 16.0.4266.1001 Product application database software 16.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 10.0.00 Product application support libraries		• •
11.4.7001.0 Product application database software 11.4.7001.0 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 2.1.1648.0 Product application support libraries 11.4.7001.0 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support libraries 11.4.7001.0 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application support libraries 4.4.0.0 Product application support libraries 9.0.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0		• •
11.4.7001.0 Product application database software 11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 2.1.1648.0 Product application support libraries 11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application support software 16.0.4266.1001 Product application support software 17.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.0 Product application support libraries 1.0.0.0 Product application support libraries 1.0.0.0 Product application support libraries		• •
11.4.7001.0 Product application database software 2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 2.1.1648.0 Product application support libraries 11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application support libraries 10.0.40219 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		
2.1.1648.0 Product application support libraries 3.1.1648.0 Product application support libraries 2.1.1648.0 Product application support libraries 11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		• •
3.1.1648.0 Product application support libraries 2.1.1648.0 Product application support libraries 11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 1.0.0.0 Product application support libraries		• •
2.1.1648.0 Product application support libraries 11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		• • • • • • • • • • • • • • • • • • • •
11.4.7001.0 Product application database software 8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		
8.0.56336 Product application support libraries 9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		
9.0.30729.4974 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries Product application support libraries		• •
10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		
10.0.40219 Product application support libraries 10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		
10.0.40219 Product application support libraries 11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries		• • • • • • • • • • • • • • • • • • • •
11.4.7001.0 Product application database software 16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries	10.0.40219	Product application support libraries
16.0.4266.1001 Product application support software 7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries	10.0.40219	Product application support libraries
7.80.18023.60000 Service dongle driver 11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries	11.4.7001.0	Product application database software
11.4.7001.0 Product application database software 10.0.40219 Product application support libraries 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries	16.0.4266.1001	Product application support software
10.0.40219 4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries Product application support libraries	7.80.18023.60000	Service dongle driver
4.4.0.0 Product application support libraries 1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries	11.4.7001.0	Product application database software
1.0.0.0 Product application support libraries 9.0.0.0 Product application support libraries	10.0.40219	Product application support libraries
9.0.0.0 Product application support libraries	4.4.0.0	Product application support libraries
	1.0.0.0	Product application support libraries
6.7.1.0 Product application support libraries	9.0.0.0	Product application support libraries
	6.7.1.0	Product application support libraries

6.18.264.2856	Product application support libraries
3.8.0.0	Product application support software
5.0.1.0	Product application support libraries
2.8.0	Hologic Connect
7.5p1	Hologic Connect
2.8.8.0	Hologic Connect
0.9.8.8	HL7 Client
2.0.50727.762	HL7 Client
3.5.21022.8	HL7 Client