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Manufacture	er Disclosure Statement for Medical D	evice Security MDS2	
	e I Eclipse Mini, 98900	091-0399-00	12-May-2021
Spacelabs ricaltricart	e i Echpse Willi, 30300	031 0333 00	12 Way 2021
Question ID	Question		See note
DOC-1	Manufacturer Name	Spacelabs Healthcare Ltd	oce note
DOC-2	Device Description	ECG Holter Recorder	
DOC-3	Device Model	Eclipse Mini, 98900	
DOC-4	Document ID	091-0399-00	
DOC-5	Manufacturer Contact Information	Spacelabs Healthcare Ltd, Unit B,	
		Foxholes Centre, John Tate	
		Road, Hertford SG13 7DT	
DOC-6	Intended use of device in network-connected environment:	Direct USB connection to Windows	
		PC for ECG test configuration and	
		ECG data download. Windows	
		system that may or may not be	
		network connected. Network	
		connection is not required for	
		Eclipse Mini device functionality	
DOC-7	Document Release Date	12-May-2021	
DOC-8	Coordinated Vulnerability Disclosure: Does the	Yes	https://www.spacelabshealthcare.com/products/securit
	manufacturer have a vulnerability disclosure program for		y/security-advisories-and-archives/
	this device?		
DOC-9	ISAO: Is the manufacturer part of an Information Sharing	No	
	and Analysis Organization?		_
DOC-10	Diagram: Is a network or data flow diagram available that	No	
	indicates connections to other system components or		_
	expected external resources?		
DOC 44	•	NI-	
DOC-11	SaMD: Is the device Software as a Medical Device (i.e.	No	_
	software-only, no hardware)?		
DOC-11.1	Does the SaMD contain an operating system?	N/A	
DOC-11.2	Does the SaMD rely on an owner/operator provided	N/A	
	operating system?		
DOC-11.3	Is the SaMD hosted by the manufacturer?	N/A	
DOC-11.4	Is the SaMD hosted by the customer?	N/A	
DOC 11.4	is the same hosted by the edstorner.	1471	
		Yes, No,	Note #
		N/A, or	Note #
		' '	
		See Note	
	MANAGEMENT OF PERSONALLY IDENTIFIABLE		
	INFORMATION		
MPII-1	Can this device display, transmit, store, or modify personally	Yes	The Eclipse Mini may optionally be configured to contain
	identifiable information (e.g. electronic Protected Health		patient ID, patient name and procedure ID details during
	Information (ePHI))?		configuration from a PC. These details are used to assing
	, "		the recording after download if present. Configuration
			with PII is optional and not required for device operation.
			Eclipse Mini provides no way to view this information, it
			can only be transferred at download to assist with
			assigning the recording data to the patient record
MPII-2	Does the device maintain personally identifiable	Yes	The Eclipse Mini may optionally be configured to contain
	information?		patient ID, patient name and procedure ID details during
			configuration from a PC. Eclipse Mini provides no way
			to view this information, it can only be transferred at
			download to assist with assigning the recording data to
			the patient record
MPII-2.1	Does the device maintain personally identifiable information	No	No additional information over that stored per MPII-2.2
140 0 2.1			•
	temporarily in volatile memory (i.e., until cleared by power- off or reset)?		is held in volatile memory
MADU 2.2	•	V	If a refinement to restrict the second secon
MPII-2.2	Does the device store personally identifiable information	Yes	If configured to contain patient and procedure details
14DU 2 2	persistently on internal media?	v	these are held on internal flash memory
MPII-2.3	Is personally identifiable information preserved in the	Yes	
	device's non-volatile memory until explicitly erased?		
MPII-2.4	, ,	No	_
	a database?		

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MPII-2.5	Does the device allow configuration to automatically delete local personally identifiable information after it is stored to a long term solution?	No	
MPII-2.6	Does the device import/export personally identifiable information with other systems (e.g., a wearable monitoring device might export personally identifiable information to a server)?	Yes	Eclipse Mini can optionally be configured with PII from Spacelabs Sentinel.  If the device has been configured with PII it will support download of the same into Sentinel.
MPII-2.7	Does the device maintain personally identifiable information when powered off, or during power service interruptions?	Yes	_
MPII-2.8	Does the device allow the internal media to be removed by a service technician (e.g., for separate destruction or customer retention)?	No	_
MPII-2.9	Does the device allow personally identifiable information records be stored in a separate location from the device's operating system (i.e. secondary internal drive, alternate drive partition, or remote storage location)?	N/A	_
MPII-3	Does the device have mechanisms used for the transmitting, importing/exporting of personally identifiable information?	Yes	Configuration of the device and data download is conducted via a hardwired USB-C interface.  Configuration with PII is optional and not required for device operation
MPII-3.1	Does the device display personally identifiable information (e.g., video display, etc.)?	No	ecroe operation
MPII-3.2	Does the device generate hardcopy reports or images containing personally identifiable information?	No	_
MPII-3.3	Does the device retrieve personally identifiable information from or record personally identifiable information to removable media (e.g., removable-HDD, USB memory, DVD-R/RW,CD-R/RW, tape, CF/SD card, memory stick, etc.)?	No	_
MPII-3.4	Does the device transmit/receive or import/export personally identifiable information via dedicated cable connection (e.g., RS-232, RS-423, USB, FireWire, etc.)?	Yes	Configuration of the device and data download is conducted via a USB-C interface. Configuration with PII is optional and not required for device operation
MPII-3.5	Does the device transmit/receive personally identifiable information via a wired network connection (e.g., RJ45, fiber optic, etc.)?	No	_
MPII-3.6	Does the device transmit/receive personally identifiable information via a wireless network connection (e.g., WiFi, Bluetooth, NFC, infrared, cellular, etc.)?	No	Although the device has a BLE interface this is used to only transfer details of event markers to a mobile phone application and does not support personally identifiable information  Use of the interface of mobile app is not required for device functionality
MPII-3.7	Does the device transmit/receive personally identifiable information over an external network (e.g., Internet)?	No	_
MPII-3.8	Does the device import personally identifiable information	No	
MPII-3.9	via scanning a document?  Does the device transmit/receive personally identifiable information via a proprietary protocol?	Yes	
MPII-3.10	Does the device use any other mechanism to transmit, import or export personally identifiable information?	No	_
Management of Priv	ate Data notes:		
	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.		
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)?	N/A	_
ALOF-2	Is the length of inactivity time before auto-logoff/screen lock user or administrator configurable?	N/A	_

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	AUDIT CONTROLS (AUDT)		
	The ability to reliably audit activity on the device.		
AUDT-1	Can the medical device create additional audit logs or	No	_
	reports beyond standard operating system logs?		
AUDT-1.1	Does the audit log record a USER ID?	N/A	
AUDT-1.1 AUDT-1.2	Does other personally identifiable information exist in the	N/A	
71021 112	audit trail?	.4/	
AUDT-2	Are events recorded in an audit log? If yes, indicate which of the following events are recorded in the audit log:	N/A	_
AUDT-2.1	Successful login/logout attempts?	N/A	
AUDT-2.2	Unsuccessful login/logout attempts?	N/A	
AUDT-2.3	Modification of user privileges?	N/A	_
AUDT-2.4	Creation/modification/deletion of users?	N/A	
AUDT-2.5	Presentation of clinical or PII data (e.g. display, print)?	N/A	_
AUDT-2.6	Creation/modification/deletion of data?	N/A	
AUDT-2.7	Import/export of data from removable media (e.g. USB	N/A	_
	drive, external hard drive, DVD)?		
AUDT-2.8	Receipt/transmission of data or commands over a network	N/A	_
AUDT 2.2.1	or point-to-point connection?	11/0	
AUDT-2.8.1	Remote or on-site support?	N/A	_
AUDT-2.8.2	Application Programming Interface (API) and similar activity?	N/A	_
AUDT-2.9	Emergency access?	N/A	
AUDT-2.10	Other events (e.g., software updates)?	N/A	
AUDT-2.11	Is the audit capability documented in more detail?	N/A	
AUDT-3	Can the owner/operator define or select which events are recorded in the audit log?	N/A	
AUDT-4	Is a list of data attributes that are captured in the audit log for an event available?	N/A	_
AUDT-4.1	Does the audit log record date/time?	N/A	
AUDT-4.1.1	Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?	N/A	_
AUDT-5	Can audit log content be exported?	N/A	
AUDT-5.1	Via physical media?	N/A	
AUDT-5.2	Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?	N/A	_
AUDT-5.3	Via Other communications (e.g., external service device,	N/A	
AUDT-5.4	mobile applications)?  Are audit logs encrypted in transit or on storage media?	N/A	
AUDT-6	Can audit logs be monitored/reviewed by owner/operator?	N/A	
	, , ,		_
AUDT-7	Are audit logs protected from modification?	N/A	
AUDT-7.1	Are audit logs protected from access?	N/A	
AUDT-8	Can audit logs be analyzed by the device?	N/A	_
	AUTHORIZATION (AUTH)		
	The ability of the device to determine the authorization of		
	users.		
AUTH-1	Does the device prevent access to unauthorized users through user login requirements or other mechanism?	N/A	
AUTH-1.1	Can the device be configured to use federated credentials management of users for authorization (e.g., LDAP, OAuth)?	N/A	
AUTH-1.2	Can the customer push group policies to the device (e.g., Active Directory)?	N/A	_
AUTH-1.3	Are any special groups, organizational units, or group	N/A	_
AUTH-2	policies required? Can users be assigned different privilege levels based on	N/A	_
	'role' (e.g., user, administrator, and/or service, etc.)?		
AUTH-3	Can the device owner/operator grant themselves unrestricted administrative privileges (e.g., access operating system or application via local root or administrator	N/A	_
	account)?		

AUTH-4  Does the device authorize or control all API access requests?  AUTH-5  Does the device run in a restricted access mode, or "klosk mode", by default?  CYBER SECURITY PRODUCT UPGRADES (CSUP)  The ability of on-site service stoff, control authorized customer staff to installupagned device's security protoches.  CSUP-1  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 in this section.  CSUP-2  Does the device contain an Operating System? If yes, complete 2.1-2.4.  CSUP-2.1  Does the device documentation provide instructions for owner/operator installation of patches or software updates?  CSUP-2.2  Does the device require vendor or vendor-authorized service to installation of patches or software updates?  CSUP-2.3  Does the device have the capability to receive remote installation of patches or software updates?  CSUP-2.4  Does the device have the capability to receive remote installation of patches or software updates?  CSUP-3.1  Does the device contain Drivers and Firmware? If yes, complete 3.1-3.4.  CSUP-3.2  Does the device contain Drivers and Firmware? If yes, complete 3.1-3.4.  Does the device contain Drivers and Firmware? If yes, complete 3.1-3.4.  Does the device documentation provide instructions for owner/operator installation of patches or software updates?  CSUP-3.2  Does the device contain Drivers and Firmware? If yes, complete 3.1-3.4.  Does the device documentation provide instructions for owner/operator installation of patches or software updates?  CSUP-3.4  Does the device documentation provide instructions for owner/operator installation of patches or software updates?  CSUP-3.4  Does the device documentation provide instructions for owner/operator installation of patches or software updates?  CSUP-3.4  Does the device documentation provide instructions for owner/operator installation of patches or s	
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CSUP-4.3 Does the device have the capability to receive remote installation of patches or software updates?  N/A  N/A	
CSUP-4.4 Does the medical device manufacturer allow security updates from any third-party manufacturers (e.g., Microsoft) to be installed without approval from the manufacturer?	
CSUP-5  Does the device contain Non-Operating System commercial off-the-shelf components? If yes, complete 5.1-5.4.	
CSUP-5.1 Does the device documentation provide instructions for owner/operator installation of patches or software updates?	
CSUP-5.2 Does the device require vendor or vendor-authorized service to install patches or software updates?  N/A	
CSUP-5.3 Does the device have the capability to receive remote installation of patches or software updates?	

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CSUP-8	CSUP-7	Does the manufacturer notify the customer when updates	N/A	_
CSUP-10   Does the manufacturer have an approved list of third-party software that can be installed not the device of the owner/operator install manufacturer-approved third-party software on the device themselves?	CSUP-8	Does the device perform automatic installation of software	N/A	_
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	ENTEROTING ACCESS (ENTES)		
	EMERGENCY ACCESS (EMRG)  The ability of the device user to access personally		
	identifiable information in case of a medical emergency		
	situation that requires immediate access to stored personally identifiable information.		
EMRG-1	Does the device incorporate an emergency access (i.e. "break-glass") feature?	No	_
	HEALTH DATA INTEGRITY AND AUTHENTICITY (IGAU)		
	How the device ensures that the stored data on the device has not been altered or destroyed in a non-authorized manner and is from the originator.		
IGAU-1	Does the device provide data integrity checking mechanisms	Yes	Stored data is covered by checksum during configuration
	of stored health data (e.g., hash or digital signature)?		
IGAU-2	Does the device provide error/failure protection and	No	
	recovery mechanisms for stored health data (e.g., RAID-5)?		
	MALWARE DETECTION/PROTECTION (MLDP)		
	The ability of the device to effectively prevent, detect and		
	remove malicious software (malware).		
MLDP-1	Is the device capable of hosting executable software?	No	_
MLDP-2	Does the device support the use of anti-malware software	No	_
	(or other anti-malware mechanism)? Provide details or reference in notes.		
MLDP-2.1	Does the device include anti-malware software by default?	No	_
MLDP-2.2	Does the device have anti-malware software available as an option?	No	_
MLDP-2.3	Does the device documentation allow the owner/operator to install or update anti-malware software?	No	_
MLDP-2.4	Can the device owner/operator independently (re- )configure anti-malware settings?	No	_
MLDP-2.5	Does notification of malware detection occur in the device user interface?	No	
MLDP-2.6	Can only manufacturer-authorized persons repair systems when malware has been detected?	No	
MLDP-2.7	Are malware notifications written to a log?	No	
MLDP-2.8	Are there any restrictions on anti-malware (e.g., purchase,	No	
MLDP-3	installation, configuration, scheduling)?  If the answer to MLDP-2 is NO, and anti-malware cannot be	No	
	installed on the device, are other compensating controls in place or available?		
MLDP-4	Does the device employ application whitelisting that	No	_
	restricts the software and services that are permitted to be run on the device?		
MLDP-5	Does the device employ a host-based intrusion detection/prevention system?	No	_
MLDP-5.1	Can the host-based intrusion detection/prevention system	No	_
MLDP-5.2	be configured by the customer?  Can a host-based intrusion detection/prevention system be	No	
	installed by the customer?		
	NODE AUTHENTICATION (NAUT)		
	The ability of the device to authenticate communication partners/nodes.		
NAUT-1	Does the device provide/support any means of node	No	_
	authentication that assures both the sender and the recipient of data are known to each other and are		
	authorized to receive transferred information (e.g. Web		
	APIs, SMTP, SNMP)?		

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NAUT-2	Are network access control mechanisms supported (E.g.,	No	
NAU1-2	does the device have an internal firewall, or use a network connection white list)?	INO	_
NAUT-2.1	Is the firewall ruleset documented and available for review?	No	_
NAUT-3	Does the device use certificate-based network connection authentication?	No	_
	CONNECTIVITY CAPABILITIES (CONN)		
	CONNECTIVITY CAPABILITIES (CONN)  All network and removable media connections must be		
	considered in determining appropriate security controls. This section lists connectivity capabilities that may be		
CONN-1	present on the device.  Does the device have hardware connectivity capabilities?	Yes	_
CONN-1.1	Does the device support wireless connections?	Yes	
CONN-1.1.1	Does the device support Wi-Fi?	No	
CONN-1.1.2	Does the device support Bluetooth?	Yes	
CONN-1.1.3	Does the device support other wireless network connectivity (e.g. LTE, Zigbee, proprietary)?	No	_
CONN-1.1.4	Does the device support other wireless connections (e.g., custom RF controls, wireless detectors)?	No	_
CONN-1.2	Does the device support physical connections?	Yes	USB-C wired connection
CONN-1.2.1	Does the device have available RJ45 Ethernet ports?	No	
CONN-1.2.2 CONN-1.2.3	Does the device have available USB ports?	Yes No	Operation as USB peripheral only
CONN-1.2.3	Does the device require, use, or support removable memory devices?	NO	_
CONN-1.2.4	Does the device support other physical connectivity?	No	
CONN-2	Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?	No	_
CONN-3	Can the device communicate with other systems within the customer environment?	Yes	Connection with host PC via USB C cable for configuration and download
CONN-4	Can the device communicate with other systems external to the customer environment (e.g., a service host)?	No	_
CONN-5	Does the device make or receive API calls?	No	
CONN-6	Does the device require an internet connection for its	No	_
CONN-7	intended use?  Does the device support Transport Layer Security (TLS)?	No	_
CONN-7.1	Is TIS configurable?	N/A	
CONN-8	Is TLS configurable?  Does the device provide operator control functionality from	No	
	a separate device (e.g., telemedicine)?		_
	PERSON AUTHENTICATION (PAUT)		
	The ability to configure the device to authenticate users.		
PAUT-1	Does the device support and enforce unique IDs and passwords for all users and roles (including service	No	_
PAUT-1.1	accounts)?  Does the device enforce authentication of unique IDs and	No	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	passwords for all users and roles (including service accounts)?		_
PAUT-2	Is the device configurable to authenticate users through an external authentication service (e.g., MS Active Directory, NDS, LDAP, OAuth, etc.)?	No	_
PAUT-3	Is the device configurable to lock out a user after a certain number of unsuccessful logon attempts?	No	_
PAUT-4	Are all default accounts (e.g., technician service accounts, administrator accounts) listed in the documentation?	N/A	_
PAUT-5	Can all passwords be changed?	No	
PAUT-6	Is the device configurable to enforce creation of user	No	
	account passwords that meet established (organization specific) complexity rules?		
PAUT-7	Does the device support account passwords that expire	No	
	periodically?		

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PAUT-8	Does the device support multi-factor authentication?	No	_
DALITO	Describe device avanant single size on (SCO)2	NI-	
PAUT-9	Does the device support single sign-on (SSO)?	No	
PAUT-10	Can user accounts be disabled/locked on the device?	No	
PAUT-11	Does the device support biometric controls?	No	
PAUT-12	Does the device support physical tokens (e.g. badge access)?	No	_
PAUT-13	Does the device support group authentication (e.g. hospital teams)?	No	-
PAUT-14	Does the application or device store or manage authentication credentials?	No	_
PAUT-14.1	Are credentials stored using a secure method?	No	
	BHASICVI TOCKS (BLOK)		
	PHYSICAL LOCKS (PLOK)		
	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		
PLOK-1	Is the device software only? If yes, answer "N/A" to	No	_
	remaining questions in this section.		
PLOK-2	Are all device components maintaining personally identifiable information (other than removable media) physically secure (i.e., cannot remove without tools)?	Yes	_
PLOK-3	Are all device components maintaining personally identifiable information (other than removable media) physically secured behind an individually keyed locking	No	
PLOK-4	device?  Does the device have an option for the customer to attach a physical lock to restrict access to removable media?	No	_
	ROADMAP FOR THIRD PARTY COMPONENTS IN		
	<b>DEVICE LIFE CYCLE (RDMP)</b> Manufacturer's plans for security support of third-party		
	components within the device's life cycle.		
RDMP-1	Was a secure software development process, such as ISO/IEC 27034 or IEC 62304, followed during product development?	Yes	_
RDMP-2	Does the manufacturer evaluate third-party applications and software components included in the device for secure development practices?	N/A	There are no 3rd party apps on the device
RDMP-3	Does the manufacturer maintain a web page or other source of information on software support dates and updates?	N/A	_
RDMP-4	Does the manufacturer have a plan for managing third-party component end-of-life?	N/A	_
	•		
	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.		
SBOM-1	Is the SBoM for this product available?	N/A	_
SBOM-2	Does the SBoM follow a standard or common method in	N/A	_
	describing software components?		
SBOM-2.1	Are the software components identified?	N/A	
SBOM-2.2	Are the developers/manufacturers of the software components identified?	N/A	_
SBOM-2.3	Are the major version numbers of the software components	Yes	_
CDOMA C.	identified?	21/2	
SBOM-2.4	Are any additional descriptive elements identified?	N/A	
SBOM-3	Does the device include a command or process method available to generate a list of software components installed	No	_
	on the device?		

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SBOM-4	Is there an update process for the SBoM?	N/A	_
	SYSTEM AND APPLICATION HARDENING (SAHD)		
	The device's inherent resistance to cyber attacks and		
SAHD-1	malware.  Is the device hardened in accordance with any industry standards?	N/A	_
SAHD-2	Has the device received any cybersecurity certifications?	No	_
SAHD-3	Does the device employ any mechanisms for software	Yes	The device has inbuilt CRC checks on all firmware
SAHD-3.1	integrity checking  Does the device employ any mechanism (e.g., release-	No	
3,1110 3.1	specific hash key, checksums, digital signature, etc.) to ensure the installed software is manufacturer-authorized?		
SAHD-3.2	Does the device employ any mechanism (e.g., release-	Yes	Firmware update software performs digital signature
	specific hash key, checksums, digital signature, etc.) to		verification of firmware being installed
	ensure the software updates are the manufacturer-		
SAHD-4	authorized updates?  Can the owner/operator perform software integrity checks	No	
SAID 4	(i.e., verify that the system has not been modified or tampered with)?		_
	,		
SAHD-5	Is the system configurable to allow the implementation of	N/A	
	file-level, patient level, or other types of access controls?		
SAHD-5.1	Does the device provide role-based access controls?	N/A	
SAHD-6	Are any system or user accounts restricted or disabled by	N/A	
	the manufacturer at system delivery?	,	_
SAHD-6.1	Are any system or user accounts configurable by the end user after initial configuration?	N/A	_
SAHD-6.2	Does this include restricting certain system or user accounts,	N/A	
	such as service technicians, to least privileged access?		
SAHD-7	Are all shared resources (e.g., file shares) which are not required for the intended use of the device disabled?	N/A	_
SAHD-8	Are all communication ports and protocols that are not required for the intended use of the device disabled?	N/A	_
SAHD-9	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 deleted/disabled?	N/A	_
SAHD-10	Are all applications (COTS applications as well as OS- included applications, e.g., MS Internet Explorer, etc.) which	N/A	_
	are not required for the intended use of the device deleted/disabled?		
SAHD-11	Can the device prohibit boot from uncontrolled or	N/A	
	removable media (i.e., a source other than an internal drive		
SAHD-12	or memory component)? Can unauthorized software or hardware be installed on the	No	
CAUD 12	device without the use of physical tools?	N/A	
SAHD-13	Does the product documentation include information on operational network security scanning by users?	IN/A	
SAHD-14	Can the device be hardened beyond the default provided state?	No	_
SAHD-14.1	Are instructions available from vendor for increased hardening?	No	
SHAD-15	Can the system prevent access to BIOS or other bootloaders during boot?	N/A	
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.		

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SGUD-1	Does the device include security documentation for the	No	
SGUD-2	owner/operator?  Does the device have the capability, and provide instructions, for the permanent deletion of data from the device or media?	No	_
SGUD-3	Are all access accounts documented?	N/A	_
SGUD-3.1	Can the owner/operator manage password control for all accounts?	N/A	_
SGUD-4	Does the product include documentation on recommended compensating controls for the device?	N/A	_
	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.		
STCF-1 STCF-1.1	Can the device encrypt data at rest? Is all data encrypted or otherwise protected?	No No	
STCF-1.2	Is the data encryption capability configured by default?	No	
STCF-1.3	Are instructions available to the customer to configure encryption?	No	
STCF-2	Can the encryption keys be changed or configured?	No	
STCF-3	Is the data stored in a database located on the device?	No	Data is stored in a proprietary format on internal memory
STCF-4	Is the data stored in a database external to the device?	No	_
	TRANSMISSION CONFIDENTIALITY (TXCF)		
	The ability of the device to ensure the confidentiality of		
TXCF-1	transmitted personally identifiable information.  Can personally identifiable information be transmitted only via a point-to-point dedicated cable?	Yes	_
TXCF-2	Is personally identifiable information encrypted prior to transmission via a network or removable media?	N/A	_
TXCF-2.1	If data is not encrypted by default, can the customer configure encryption options?	N/A	_
TXCF-3	Is personally identifiable information transmission restricted to a fixed list of network destinations?	N/A	_
TXCF-4	Are connections limited to authenticated systems?	N/A	_
TXCF-5	Are secure transmission methods supported/implemented (DICOM, HL7, IEEE 11073)?	N/A	-
	TRANSMISSION INTEGRITY (TXIG)		
	The ability of the device to ensure the integrity of transmitted data.		
TXIG-1	Does the device support any mechanism (e.g., digital signatures) intended to ensure data is not modified during transmission?	No	_
TXIG-2	Does the device include multiple sub-components connected by external cables?	No	_
	REMOTE SERVICE (RMOT)		
	Remote service refers to all kinds of device maintenance activities performed by a service person via network or other remote connection.		
RMOT-1	Does the device permit remote service connections for device analysis or repair?	No	_
RMOT-1.1	Does the device allow the owner/operator to initiative remote service sessions for device analysis or repair?	N/A	_

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RMOT-1.2	Is there an indicator for an enabled and active remote session?	N/A	_
RMOT-1.3	Can patient data be accessed or viewed from the device during the remote session?	N/A	-
RMOT-2	Does the device permit or use remote service connections for predictive maintenance data?	N/A	_
RMOT-3	Does the device have any other remotely accessible functionality (e.g. software updates, remote training)?	N/A	_
	OTHER SECURITY CONSIDERATIONS (OTHER)		
	OTHER SECURITY CONSIDERATIONS (OTHR)  NONE		
	Notes:		
Note 1	Example note. Please keep individual notes to one cell. Please use separate notes for separate information		