## **Manufacturer Disclosure Statement for Medical Device Security -- MDS2**

Spacelabs Healthcare 92516 091-0230-01\_Rev\_A 25-Oct-2023

Overtion ID	Overetter		Consider
Question ID DOC-1	Question Manufacturer Name	Consolabe Hooltheses	See note
DOC-1 DOC-2	Manufacturer Name Device Description	Spacelabs Healthcare	_
DOC-2	Device Description	The Capnography Pod is a sidestream gas analyzer designed to	-
		measure the concentration of	
		carbon dioxide in a gas mixture and	
		to aid in determining the patient's	
		ventilatory, circulatory, and	
		metabolic status. Its small, compact	
		form makes it ideal for use with the	
		qube® monitor and qube® mini	
		monitor.	
		The Capnography Pod includes a	
		small, lightweight sensor that continuously measures the end-	
		tidal and minimum carbon dioxide	
		(CO2) levels in the patient's airway.	
		The sensor is connected to the	
		airway by a disposable or reusable	
		Nomoline sample line. A constant-	
		flow vacuum system maintains the	
		flow rate through the sample line	
DOC-3	Device Model	92516	
DOC-3 DOC-4	Document ID	091-0230-01_Rev_A	_
DOC-5	Manufacturer Contact Information	Spacelabs Healtcare,	_
		35301 SE Center Street,	_
		Snoqualmie, WA 98065	
DOC-6	Intended use of device in network-connected	The Capnography Pod is a	_
	environment:	sidestream gas analyzer designed to	
		measure the concentration of	
		carbon dioxide in a gas mixture and to aid in determining the patient's	
		ventilatory, circulatory, and	
		metabolic status. Its small, compact	
		form makes it ideal for use with the	
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		airway by a disposable or reusable	
		Nomoline sample line. A constant-	
		flow vacuum system maintains the	
		flow rate through the sample line	
DOC 7	Decument Palaces Data	25 40 2022	
DOC-7 DOC-8	Document Release Date Coordinated Vulnerability Disclosure: Does the	25-10-2023 Yes	We publish bulletins for major vulnerabilities and
DOC-6	manufacturer have a vulnerability disclosure	les	threats as they emerge and we assess them. They
	program for this device?		are found on our website
			https://www.spacelabshealthcare.com/products/se
			curity/security-advisories-and-archives/
DOC-9	ISAO: Is the manufacturer part of an Information	No	_
DOC-10	Sharing and Analysis Organization?  Diagram: Is a network or data flow diagram available	No	Capno Pod 92516 is a product that interfaces
DOC-10	that indicates connections to other system	IVO	directly with Spacelabs monitors Qube, Qube Mini
	components or expected external resources?		and Xprezzon
	,		
DOC-11	SaMD: Is the device Software as a Medical Device	No	_
	(i.e. 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	_
5004:-	operating system?		
DOC-11.3	Is the SaMD hosted by the manufacturer?	N/A	
DOC 11.1	lastic Cando hasted by the control of	N/A	
DOC-11.4	Is the SaMD hosted by the customer?	N/A	_

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		Yes, No, N/A, or See Note	Note #
	MANAGEMENT OF PERSONALLY IDENTIFIABLE INFORMATION		
MPII-1	Can this device display, transmit, store, or modify personally identifiable information (e.g. electronic Protected Health Information (ePHI))?	No	-
MPII-2	Does the device maintain personally identifiable information?	No	
MPII-2.1	Does the device maintain personally identifiable information temporarily in volatile memory (i.e., until cleared by power-off or reset)?	N/A	_
MPII-2.2	Does the device store personally identifiable information persistently on internal media?	N/A	_
MPII-2.3	Is personally identifiable information preserved in the device's non-volatile memory until explicitly erased?	N/A	_
MPII-2.4	Does the device store personally identifiable information in a database?	N/A	_
MPII-2.5	Does the device allow configuration to automatically delete local personally identifiable information after it is stored to a long term solution?	N/A	_
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)?	N/A	_
MPII-2.7	Does the device maintain personally identifiable information when powered off, or during power service interruptions?	N/A	_
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)?	N/A	_
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?	No	_
MPII-3.1	Does the device display personally identifiable information (e.g., video display, etc.)?	N/A	_
MPII-3.2	Does the device generate hardcopy reports or images containing personally identifiable information?	No	As a standalone product, the Specialty Module cannot maintain or transmit ePHI. The Specialty Module works only when integrated with Spacelabs monitoring products, which can maintain or transmit ePHI. The Specialty Module collects physiological data from devices connected to the patient and sends that data to Spacelabs monitors. Spacelabs Monitors in turn combine that physiological data with patient demographic data, which is either displayed on the monitor, printed by the monitor, or sent to other Spacelabs devices on the hospital network. Please refer to the MDS2 form for the monitors for specific information regarding the monitors.
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.)?	N/A	_
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.)?	No	
MPII-3.5	Does the device transmit/receive personally identifiable information via a wired network connection (e.g., RJ45, fiber optic, etc.)?	N/A	_
MPII-3.6	Does the device transmit/receive personally identifiable information via a wireless network connection (e.g., WiFi, Bluetooth, NFC, infrared, cellular, etc.)?	N/A	_

reauthorization of logged-inuser(s) after a predetermined length of inactivity (e.g. auto-logoff, session lock, password protected screen saver)?  ALOF-2	Spacelabs Healthcare	92516	091-0230-01_Rev_A	25-Oct-2023
MBH-3.8   Does the device import personally identifiable information via surroing a document?   N/A	MPII-3.7	identifiable information over an external network	N/A	_
MRIT-39 Does the device transmit/receive personally inclinated in contraction via propriet protocol?  MRIT-3.10 Does the device use any other mechanism to transmit, ingest or report personally identifiable in transmit, ingest or report personally identifiable in the contraction of the contraction	MPII-3.8	Does the device import personally identifiable	N/A	
transmit, import or export personally identifiable information?  AUTOMATIC LOGOFF (ALOF)  The device's ability to prevent access and release by anotherized users of elected by fire they have period of transmit anotherized users of elected by fire they have period of transmit anotherized users of elected by fire they have period of transmit anotherized users of elected by fire and predetermined length of inactivity (see, a such ologoff, seed and predetermined length of inactivity time before autologoff, seed anotherized to configurable?  ALOF-2 Is the length of inactivity time before autologoff, seed anotherized to configurable?  ALOF-1 The ability to reliably useful coutiny on the device.  ALOF-1 The ability to reliably useful coutiny on the device of the mediate device create additional sadd loss or reports beyond standard operating system logs?  ALOF-1 Does the audit loger cord a USER ID?  ALOF-1 Does the audit loger cord a USER ID?  ALOF-1 Does the audit loger cord a USER ID?  ALOF-1 Does the event corded in an audit log? if yes, indicate which of the following events are recorded in the audit loger are recorded in the audit loger.  ALOF-2 Unsaccessful login/logorul attempts?  ALOF-2 Unsaccessful login/logorul attempts?  ALOF-2 Unsaccessful login/logorul attempts?  ALOF-2 Unsaccessful login/logorul attempts?  ALOF-2 Creation/modification/deletion of users?  ALOF-2 Protestinon of classic or in death of the protesting of the pr	MPII-3.9	Does the device transmit/receive personally	N/A	
AUTOMATIC LOGOFF (ALOF) The divine's ability to prevent acress and misuse by unauthorized users if divine a lay the fire a period of time.  ALOF-1 Can the device be configured to force reauthorization of logged in user(s) after a predetermined length of nearching (a.g. una logged), session lock, passward protected screen saver)?  ALOF-2 Is the length of mactivity (a.g. una logged), session lock, passward protected screen saver)?  ALOF-2 Is the length of mactivity (a.g. una logged), session lock, passward protected screen saver)?  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are believed.  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority) are deviced (a.g. unauthority).  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority).  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority).  ALOF-1 Can the medical device create additional audit logged (a.g. unauthority).  ALOF-1 Can the audit logged (a.g. unauthority).  ALOF-	MPII-3.10	transmit, import or export personally identifiable	N/A	_
ALOF-1  ALOF-2  ALOF-3  ALOF-2  ALOF-2  ALOF-2  ALOF-2  ALOF-2  ALOF-3  ALOF-2  ALOF-2  ALOF-2  ALOF-3  ALOF-2  ALOF-3  ALOF-2  ALOF-3  ALOF-3  ALOF-4  ALOF-3  ALOF-4  ALOF-4  ALOF-4  ALOF-3  ALOF-4  ALOF-4  ALOF-5  ALOF-6  ALOF-7  ALOF-8  ALOF-8  ALOF-8  ALOF-9  ALOF-9	Management of Priva			
ALOF-1  ALOF-2  ALOF-3  ALOF-2  ALOF-2  ALOF-2  ALOF-2  ALOF-2  ALOF-3  ALOF-2  ALOF-2  ALOF-2  ALOF-3  ALOF-2  ALOF-3  ALOF-2  ALOF-3  ALOF-3  ALOF-4  ALOF-3  ALOF-4  ALOF-4  ALOF-4  ALOF-3  ALOF-4  ALOF-4  ALOF-5  ALOF-6  ALOF-7  ALOF-8  ALOF-8  ALOF-8  ALOF-9  ALOF-9		AUTOMATIC LOGOFF (ALOF)		
ALDF-1  Can the device be configured to force reaction cannot on logation users) after a predetermined length of inactivity (e.g., auto-logoff, session) lock, posword protected screen saver)?  ALDF-2  List he length of inactivity time before auto-logoff/screen lock user or administrator configurable?  ALDF-3  ALDF-4  ALDF-4  ALDF-4  ALDF-5  Can the medical device create additional audit logs or reports beyond standard operating system logs?  ALDF-1  ALDF-1  Does the audit log record a USERID?  ALDF-1  ALDF-1  Does other personally identifiable information exist in NA  ALDF-1  ALDF-1  ALDF-2  ALDF-3		The device's ability to prevent access and misuse by unauthorized users if device is left idle for a period of		
predetermined length of inactivity (e.g., auto-logoff, session lock, password protected screen saver)?  ALIGF-2  Is the length of inactivity time before auto-logoff/sorcen lock user or administrator configurable?  AUDIT CONTROLS (AUDT)  The ability to reliably audit activity on the device.  AUDIT-1  Can the medical device create additional audit logs or reports beyond standard operating system logs?  AUDIT-12  Does the audit logs record a USER ID?  AUDIT-12  Does the audit toral?  AUDIT-20  AUDIT-21  AUDIT-21  AUDIT-21  AUDIT-21  AUDIT-22  AUDIT-23  AUDIT-23  AUDIT-23  AUDIT-24  AUDIT-25  AUDIT-25  Creation/modification of user privileges?  AUDIT-26  AUDIT-27  AUDIT-27  AUDIT-28  AUDIT-28  AUDIT-28  AUDIT-29  Creation/modification/deletion of data?  AUDIT-28  AUDIT-29  AUDIT-20  AUDIT-20  AUDIT-20  AUDIT-21  AUDIT-21  AUDIT-21  AUDIT-22  AUDIT-23  AUDIT-24  AUDIT-25  AUDIT-26  AUDIT-27  AUDIT-27  AUDIT-28  AUDIT-29  AUDIT-29  AUDIT-29  AUDIT-29  AUDIT-29  AUDIT-29  AUDIT-29  AUDIT-29  AUDIT-20  AUDIT-	ALOF-1	Can the device be configured to force	N/A	_
AUDT-1 CONTROLS (AUDT)  The ability to reliably audit activity on the device. Can the medical device create additional audit logs or reports beyond standard operating system logs?  AUDT-1.1 Does the audit log record a USER ID? Does other personally identifiable information exist in the audit trail?  AUDT-1.2 Does other personally identifiable information exist in the audit rail?  AUDT-2.1 Successful login/logout attempts?  AUDT-2.1 Successful login/logout attempts?  AUDT-2.2 Successful login/logout attempts?  AUDT-2.3 Modification of user privileges?  AUDT-2.3 Modification of user privileges?  AUDT-2.5 Presentation of clinical or Pil data (e.g. display, print)?  AUDT-2.6 Creation/modification/deletion of data?  AUDT-2.7 Improv/leport of data from removable media (e.g. USB drive, external hard drive, DVD?)  AUDT-2.8. Receipt/transmission of data or commands over a network or point-to-point comnection?  AUDT-2.9 Receipt/transmission of data or commands over a network or point-to-point comnection?  AUDT-2.1 Size or on-site support?  AUDT-2.2 Application Programming interface (API) and similar activity?  AUDT-2.1 Size has discussed at attributes that are captured in the audit log?  Be mergency access?  AUDT-2.1 Size the audit log or an event available?  AUDT-3 Can the owner/operator define or select which events are recorded in the audit log?  AUDT-3 Can date and time be synchrometed in more detail?  AUDT-4.1 Does the audit log record date/time?  Can add and time be synchrometed by Network Time Protocol (NTP) or equivalent time source?  AUDT-5.1 Via physical media?  AUDT-5.2 Via NE Audit Trail and Node Authentication (ATNA)  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6. Can audit logs encrypted in transit or on storage media?  AUDT-6. Can audit logs be monitored/reviewed by owner/operator?		predetermined length of inactivity (e.g., auto-logoff,		
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AuDT-2.1 Successful login/logout attempts? N/A	AUDT-1.1 AUDT-1.2	Does other personally identifiable information exist		_
AUDT-2.2 Unsuccessful login/logout attempts? N/A	AUDT-2	Are events recorded in an audit log? If yes, indicate which of the following events are recorded in the	N/A	_
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AUDT-2.4 Creation/modification/deletion of users? N/A N/A profile to SiEM? N/A N/A print)?  AUDT-2.5 Presentation of clinical or PII data (e.g. display, print)?  AUDT-2.6 Creation/modification/deletion of data? N/A				_
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USB drive, external hard drive, DVD)?  AUDT-2.8 Receipt/transmission of data or commands over a network or point-to-point connection?  AUDT-2.8.1 Remote or on-site support?  AUDT-2.8.2 Application Programming Interface (API) and similar activity?  AUDT-2.8 Emergency access?  AUDT-2.10 Other events (e.g., software updates)?  AUDT-2.11 Is the audit capability documented in more detail?  AUDT-3 Can the owner/operator define or select which events are recorded in the audit log?  AUDT-4 Is a list of data attributes that are captured in the audit log for an event available?  AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  AUDT-5. Can audit log content be exported?  AUDT-5. Via physical media?  AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6. Can audit logs encrypted in transit or on storage media?  AUDT-6. Can audit logs be monitored/reviewed by owner/operator?  N/A  AUDT-6. Can audit logs be monitored/reviewed by owner/operator?	AUDT-2.6		N/A	_
AUDT-2.8 Receipt/transmission of data or commands over a network or point-to-point connection?  AUDT-2.8.1 Remote or on-site support? AUDT-2.8.2 Application Programming Interface (API) and similar activity?  AUDT-2.9 Emergency access? AUDT-2.10 Other events (e.g., software updates)? AUDT-3.11 Is the audit capability documented in more detail? AUDT-3.2 Can the owner/operator define or select which events are recorded in the audit log? AUDT-4 Is a list of data attributes that are captured in the audit log for an event available? AUDT-4.1 Does the audit log record date/time? AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source? AUDT-5 Can audit log content be exported? AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM? AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)? AUDT-5.4 Are audit logs be monitored/reviewed by owner/operator?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?  N/A	AUDT-2.7		N/A	_
AUDT-2.8.1 Remote or on-site support? AUDT-2.8.2 Application Programming Interface (API) and similar activity?  AUDT-2.9 Emergency access? AUDT-2.10 Other events (e.g., software updates)? AUDT-2.11 Is the audit capability documented in more detail? AUDT-3 Can the owner/operator define or select which events are recorded in the audit log? AUDT-4 Is a list of data attributes that are captured in the audit log for an event available? AUDT-4.1 Does the audit log record date/time? AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source? AUDT-5.1 Via physical media? AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM? AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)? AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-2.8	Receipt/transmission of data or commands over a	N/A	_
activity?  AUDT-2.9 Emergency access?  AUDT-2.10 Other events (e.g., software updates)?  AUDT-2.11 Is the audit capability documented in more detail?  AUDT-3 Can the owner/operator define or select which events are recorded in the audit log?  AUDT-4 Is a list of data attributes that are captured in the audit log for an event available?  AUDT-4.1 Does the audit log record date/time?  AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  AUDT-5.1 Via physical media?  AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-2.8.1		N/A	_
AUDT-2.9 Emergency access?  AUDT-2.10 Other events (e.g., software updates)?  AUDT-2.11 Is the audit capability documented in more detail?  AUDT-3 Can the owner/operator define or select which events are recorded in the audit log?  AUDT-4 Is a list of data attributes that are captured in the audit log for an event available?  AUDT-4.1 Does the audit log record date/time?  AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  AUDT-5.1 Via physical media?  AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.4 Are audit logs be monitored/reviewed by owner/operator?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-2.8.2		N/A	_
AUDT-2.10 Other events (e.g., software updates)? N/A	AUDT-2.9	•	N/A	
AUDT-3 Can the owner/operator define or select which events are recorded in the audit log? AUDT-4 Is a list of data attributes that are captured in the audit log for an event available? AUDT-4.1 Does the audit log record date/time? AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source? AUDT-5.1 Can audit log content be exported? AUDT-5.1 Via physical media? AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM? AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)? AUDT-5.4 Are audit logs encrypted in transit or on storage media? AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-2.10	· ,		
events are recorded in the audit log?  AUDT-4  Is a list of data attributes that are captured in the audit log for an event available?  AUDT-4.1  Does the audit log record date/time?  AUDT-4.1.1  Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  AUDT-5.1  AUDT-5.1  Via physical media?  AUDT-5.2  Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.3  Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4  Are audit logs encrypted in transit or on storage media?  AUDT-6  Can audit logs be monitored/reviewed by owner/operator?	AUDT-2.11			_
AUDT-4. Is a list of data attributes that are captured in the audit log for an event available?  AUDT-4.1 Does the audit log record date/time?  AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  AUDT-5 Can audit log content be exported?  AUDT-5.1 Via physical media?  AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-3	· •	N/A	
AUDT-4.1 Does the audit log record date/time?  AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  AUDT-5 Can audit log content be exported?  AUDT-5.1 Via physical media?  AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-4	_	N/A	_
AUDT-4.1.1 Can date and time be synchronized by Network Time Protocol (NTP) or equivalent time source?  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?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?		audit log for an event available?		
Protocol (NTP) or equivalent time source?  AUDT-5 Can audit log content be exported?  N/A AUDT-5.1 Via physical media?  AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	AUDT-4.1			_
AUDT-5.1 Via physical media? N/A AUDT-5.2 Via IHE Audit Trail and Node Authentication (ATNA) profile to SIEM?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?	AUDT-4.1.1		N/A	_
AUDT-5.1 Via physical media? N/A	AUDT-5		N/A	
profile to SIEM?  AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?  AUDT-6 N/A	AUDT-5.1	1	·	
AUDT-5.3 Via Other communications (e.g., external service device, mobile applications)?  AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?  N/A	AUDT-5.2	Via IHE Audit Trail and Node Authentication (ATNA)	N/A	_
AUDT-5.4 Are audit logs encrypted in transit or on storage media?  AUDT-6 Can audit logs be monitored/reviewed by owner/operator?  N/A	AUDT-5.3	Via Other communications (e.g., external service	N/A	_
AUDT-6 Can audit logs be monitored/reviewed by owner/operator?  N/A	AUDT-5.4	Are audit logs encrypted in transit or on storage	N/A	_
	AUDT-6	Can audit logs be monitored/reviewed by	N/A	_
	AUDT-7		N/A	_

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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	N/A	_
	mechanism?		
AUTH-1.1	Can the device be configured to use federated credentials management of users for authorization	N/A	_
ALITH 1.2	(e.g., LDAP, OAuth)?	NI/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 policies required?	N/A	_
AUTH-2	Can users be assigned different privilege levels based	N/A	_
	on 'role' (e.g., user, administrator, and/or service, etc.)?		
AUTH-3	Can the device owner/operator grant themselves	N/A	_
	unrestricted administrative privileges (e.g., access operating system or application via local root or		
	administrator account)?		
AUTH-4	Does the device authorize or control all API access requests?	N/A	_
AUTH-5	Does the device run in a restricted access mode, or 'kiosk mode', by default?	N/A	_
	CYBER SECURITY PRODUCT UPGRADES (CSUP)		
	The ability of on-site service staff, remote service staff, or authorized customer staff to install/upgrade		
agun 4	device's security patches.		
CSUP-1	Does the device contain any software or firmware which may require security updates during its	Yes	_
	operational life, either from the device manufacturer or from a third-party manufacturer of the		
	software/firmware? If no, answer "N/A" to		
CSUP-2	questions in this section.  Does the device contain an Operating System? If yes,	Yes	RTOS VxWorks 5.5
	complete 2.1-2.4.		
CSUP-2.1	Does the device documentation provide instructions for owner/operator installation of patches or	No	_
00110 0 0	software updates?		
CSUP-2.2	Does the device require vendor or vendor-authorized service to install patches or software updates?	Yes	_
CSUP-2.3	Does the device have the canability to receive	No	
C3UF-2.3	Does the device have the capability to receive remote installation of patches or software updates?	INO	_
CSUP-2.4	Does the medical device manufacturer allow security	No	
	updates from any third-party manufacturers (e.g.,		
	Microsoft) to be installed without approval from the manufacturer?		
CSUP-3	Does the device contain Drivers and Firmware? If	Yes	_
CSUP-3.1	yes, complete 3.1-3.4.  Does the device documentation provide instructions	No	
	for owner/operator installation of patches or		
CSUP-3.2	software updates?  Does the device require vendor or vendor-authorized	Yes	_
	service to install patches or software updates?		
CSUP-3.3	Does the device have the capability to receive	No	_
	remote installation of patches or software updates?		
CSUP-3.4	Does the medical device manufacturer allow security	N/A	_
	updates from any third-party manufacturers (e.g., Microsoft) to be installed without approval from the		
CCLUB 4	manufacturer?		
CSUP-4	Does the device contain Anti-Malware Software? If yes, complete 4.1-4.4.	No	_
	.,		

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CSUP-11.2	review and approval status of updates? Is there an update review cycle for the device?	No	_
CSUP-11.1	assess device vulnerabilities and updates?  Does the manufacturer provide customers with	No	_
CSUP-11	installation of unapproved software?  Does the manufacturer have a process in place to	No	_
CSUP-10	Can the owner/operator install manufacturer- approved third-party software on the device themselves?  Does the system have mechanism in place to prevent	N/A	_
CSUP-9	Does the manufacturer have an approved list of third- party software that can be installed on the device?		_
CSUP-8	Does the device perform automatic installation of software updates?	No	_
CSUP-7	Does the manufacturer notify the customer when updates are approved for installation?	Yes	Communications for product updates, such as Customer Service Notices or Product Update Bulletins, are distributed to Spacelabs customer service personnel to communicate these updates to customers directly.
CSUP-7	Does the medical device manufacturer allow security updates from any third-party manufacturers (e.g., Microsoft) to be installed without approval from the manufacturer?		Communications for product undates such
CSUP-6.3	Does the device have the capability to receive remote installation of patches or software updates?	N/A	_
CSUP-6.2	Does the device require vendor or vendor-authorized service to install patches or software updates?	N/A	_
CSUP-6.1	Does the device documentation provide instructions for owner/operator installation of patches or software updates?	N/A	_
CSUP-6	Does the device contain other software components (e.g., asset management software, license management)? If yes, please provide details or refernce in notes and complete 6.1-6.4.	No	_
CSUP-5.4	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-5.3	Does the device have the capability to receive remote installation of patches or software updates?	N/A	_
CSUP-5.2	Does the device require vendor or vendor-authorized service to install patches or software updates?	N/A	_
CSUP-5.1	Does the device documentation provide instructions for owner/operator installation of patches or software updates?	N/A	_
CSUP-5	manufacturer?  Does the device contain Non-Operating System commercial off-the-shelf components? If yes, complete 5.1-5.4.	No	_
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	N/A	_
CSUP-4.3	Does the device have the capability to receive remote installation of patches or software updates?	N/A	_
CSUP-4.2	software updates?  Does the device require vendor or vendor-authorized service to install patches or software updates?	N/A	_
CSUP-4.1	Does the device documentation provide instructions for owner/operator installation of patches or	N/A	_

## HEALTH DATA DE-IDENTIFICATION (DIDT)

The ability of the device to directly remove information that allows identification of a person.

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DIDT-1	Does the device provide an integral capability to de- identify personally identifiable information?	N/A	-
DIDT-1.1	Does the device support de-identification profiles that comply with the DICOM standard for de-identification?	N/A	_
	DATA BACKUP AND DISASTER RECOVERY (DTBK)		
	The ability to recover after damage or destruction of device data, hardware, software, or site		
DTBK-1	configuration information.  Does the device maintain long term primary storage of personally identifiable information / patient	No	_
DTBK-2	information (e.g. PACS)?  Does the device have a "factory reset" function to restore the original device settings as provided by the manufacturer?	Yes	_
DTBK-3	Does the device have an integral data backup capability to removable media?	No	_
DTBK-4	Does the device have an integral data backup capability to remote storage?	No	
DTBK-5	Does the device have a backup capability for system configuration information, patch restoration, and software restoration?	No	
DTBK-6		N/A	_
	EMEDICENCY ACCESS (EMDC)		
	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 of stored health data (e.g., hash or	N/A	_
IGAU-2	digital signature)?  Does the device provide error/failure protection and recovery mechanisms for stored health data (e.g., RAID-5)?	N/A	_
	MALWARE DETECTION/PROTECTION (MLDP) The ability of the device to effectively prevent, detect		
MLDP-1	and remove malicious software (malware).  Is the device capable of hosting executable software?	No	_
MLDP-2	Does the device support the use of anti-malware software (or other anti-malware mechanism)?	N/A	_
MLDP-2.1	Provide details or reference in notes.  Does the device include anti-malware software by default?	N/A	_
MLDP-2.2	Does the device have anti-malware software available as an option?	N/A	_
MLDP-2.3	Does the device documentation allow the owner/operator to install or update anti-malware software?	N/A	_
MLDP-2.4	Can the device owner/operator independently (re- )configure anti-malware settings?	N/A	_
MLDP-2.5		N/A	
MLDP-2.6	Can only manufacturer-authorized persons repair systems when malware has been detected?	N/A	
MLDP-2.7	Are malware notifications written to a log?	N/A	

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MLDP-2.8	Are there any restrictions on anti-malware (e.g.,	N/A	
	purchase, installation, configuration, scheduling)?		
MLDP-3	If the answer to MLDP-2 is NO, and anti-malware	N/A	_
	cannot be installed on the device, are other		
	compensating controls in place or available?		
MLDP-4	Does the device employ application whitelisting that	N/A	_
	restricts the software and services that are permitted		
	to be run on the device?		
MLDP-5	Does the device employ a host-based intrusion	N/A	_
	detection/prevention system?		
MLDP-5.1	Can the host-based intrusion detection/prevention	N/A	_
	system be configured by the customer?		
MLDP-5.2	Can a host-based intrusion detection/prevention	N/A	_
	system be 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	N/A	_
	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)?		
NAUT-2	Are network access control mechanisms supported	N/A	_
	(E.g., does the device have an internal firewall, or use		
	a network connection white list)?		
NAUT-2.1	Is the firewall ruleset documented and available for	N/A	_
	review?		
NAUT-3	Does the device use certificate-based network	N/A	_
	connection authentication?		
	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 present on the device.		
CONN-1	Does the device have hardware connectivity	Yes	
	capabilities?		
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	_
CONN-1.1.3	Does the device support other wireless network	No	_
	connectivity (e.g. LTE, Zigbee, proprietary)?		
CONN-1.1.4			
	Does the device support other wireless connections	No	_
	Does the device support other wireless connections (e.g., custom RF controls, wireless detectors)?	No	_
		No	_
CONN-1.2		No Yes	_
CONN-1.2 CONN-1.2.1	(e.g., custom RF controls, wireless detectors)?		
CONN-1.2.1	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?	Yes	_ _ _
CONN-1.2.1 CONN-1.2.2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?	Yes	_ _ _ _
CONN-1.2.1	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?	Yes No	_ _ _
CONN-1.2.1 CONN-1.2.2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?	Yes No	
CONN-1.2.1 CONN-1.2.2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable	Yes No No No	— — — — This device connects directly to a bedside monitor
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?	Yes No No No	— — — — This device connects directly to a bedside monitor (Qube, Qube Mini) via a specially designed port. It
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?	Yes No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?	Yes No No No	(Qube, Qube Mini) via a specially designed port. It
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network	Yes No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on	Yes No No No Yes	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4 CONN-2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?	Yes No No No Yes	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems	Yes No No No Yes	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1  CONN-1.2.2  CONN-1.2.3  CONN-1.2.4  CONN-2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?	Yes No No No Yes	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4 CONN-2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems	Yes No No No Yes	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1  CONN-1.2.2  CONN-1.2.3  CONN-1.2.4  CONN-2	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service)	Yes No No No Yes	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1  CONN-1.2.2  CONN-1.2.3  CONN-1.2.4  CONN-2  CONN-2  CONN-3  CONN-4	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?	Yes No No No Yes  N/A No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1  CONN-1.2.2  CONN-1.2.3  CONN-1.2.4  CONN-2  CONN-3  CONN-4	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?  Does the device make or receive API calls?	Yes No No No Yes  N/A  No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1  CONN-1.2.2  CONN-1.2.3  CONN-1.2.4  CONN-2  CONN-2  CONN-3  CONN-4	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?  Does the device make or receive API calls?  Does the device require an internet connection for	Yes No No No Yes  N/A No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4  CONN-2 CONN-3 CONN-4  CONN-5 CONN-6	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?  Does the device make or receive API calls?  Does the device require an internet connection for its intended use?	Yes No No No No Yes  N/A No No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1  CONN-1.2.2  CONN-1.2.3  CONN-1.2.4  CONN-2  CONN-3  CONN-4	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?  Does the device make or receive API calls?  Does the device require an internet connection for its intended use?  Does the device support Transport Layer Security	Yes No No No Yes  N/A  No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4  CONN-2 CONN-3 CONN-4 CONN-5 CONN-6 CONN-7	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?  Does the device make or receive API calls?  Does the device require an internet connection for its intended use?  Does the device support Transport Layer Security (TLS)?	Yes No No No No No Yes  N/A No No No No No No No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the
CONN-1.2.1 CONN-1.2.2 CONN-1.2.3 CONN-1.2.4  CONN-2 CONN-3 CONN-4  CONN-5 CONN-6	(e.g., custom RF controls, wireless detectors)?  Does the device support physical connections?  Does the device have available RJ45 Ethernet ports?  Does the device have available USB ports?  Does the device require, use, or support removable memory devices?  Does the device support other physical connectivity?  Does the manufacturer provide a list of network ports and protocols that are used or may be used on the device?  Can the device communicate with other systems within the customer environment?  Can the device communicate with other systems external to the customer environment (e.g., a service host)?  Does the device make or receive API calls?  Does the device require an internet connection for its intended use?  Does the device support Transport Layer Security	Yes No No No No Yes  N/A No No No No	(Qube, Qube Mini) via a specially designed port. It sends data about the patient parameters to the

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CONN-8	Does the device provide operator control functionality from a separate device (e.g., telemedicine)?	N/A	_
	PERSON AUTHENTICATION (PAUT) The ability to configure the device to authenticate		
PAUT-1	users.  Does the device support and enforce unique IDs and passwords for all users and roles (including service accounts)?	N/A	_
PAUT-1.1	Does the device enforce authentication of unique IDs and passwords for all users and roles (including service accounts)?	N/A	_
PAUT-2	Is the device configurable to authenticate users through an external authentication service (e.g., MS Active Directory, NDS, LDAP, OAuth, etc.)?	N/A	_
PAUT-3	Is the device configurable to lock out a user after a certain number of unsuccessful logon attempts?	N/A	_
PAUT-4	Are all default accounts (e.g., technician service accounts, administrator accounts) listed in the documentation?	N/A	_
PAUT-5 PAUT-6	Can all passwords be changed? Is the device configurable to enforce creation of user account passwords that meet established	N/A N/A	=
PAUT-7	(organization specific) complexity rules?  Does the device support account passwords that expire periodically?	N/A	_
PAUT-8	Does the device support multi-factor authentication?	N/A	_
PAUT-9 PAUT-10	Does the device support single sign-on (SSO)? Can user accounts be disabled/locked on the device?	N/A N/A	
PAUT-11	Does the device support biometric controls?	N/A	_
PAUT-12	Does the device support physical tokens (e.g. badge access)?	N/A	_
PAUT-13	Does the device support group authentication (e.g. hospital teams)?	N/A	_
PAUT-14	Does the application or device store or manage authentication credentials?	N/A	_
PAUT-14.1	Are credentials stored using a secure method?	N/A	_
	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 remaining questions in this section.	No	_
PLOK-2	Are all device components maintaining personally identifiable information (other than removable media) physically secure (i.e., cannot remove without	N/A	_
PLOK-3	tools)? Are all device components maintaining personally identifiable information (other than removable media) physically secured behind an individually keyed locking device?	N/A	_
PLOK-4	-	N/A	_
	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.		
RDMP-1	Was a secure software development process, such as ISO/IEC 27034 or IEC 62304, followed during product development?	Yes	Spacelabs follows IEC 62304 software development process for development of Spacelabs medical software and software within the Spacelabs medical devices.

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RDMP-2	Does the manufacturer evaluate third-party applications and software components included in the device for secure development practices?	Yes	_
RDMP-3	Does the manufacturer maintain a web page or other source of information on software support dates and updates?	Yes	_
RDMP-4	Does the manufacturer have a plan for managing third-party component end-of-life?	Yes	_
	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 POMP section.		
SBOM-1	in the RDMP section. Is the SBoM for this product available?	No	_
SBOM-2	Does the SBoM follow a standard or common method in describing software components?	N/A	_
SBOM-2.1 SBOM-2.2	Are the software components identified?  Are the developers/manufacturers of the software	N/A N/A	
SBOM-2.3	components identified? Are the major version numbers of the software	N/A	
SBOM-2.4	components identified?	N/A	_
SBOM-3	Are any additional descriptive elements identified?  Does the device include a command or process	N/A	
	method available to generate a list of software components installed on the device?		
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 malware.		
SAHD-1	Is the device hardened in accordance with any industry standards?	No	_
SAHD-2	Has the device received any cybersecurity certifications?	No	_
SAHD-3	Does the device employ any mechanisms for software integrity checking	Yes	_
SAHD-3.1	Does the device employ any mechanism (e.g., release specific hash key, checksums, digital signature, etc.) to ensure the installed software is manufacturer-	Yes	_
SAHD-3.2	authorized?  Does the device employ any mechanism (e.g., release	· Yes	
5/W.12 5/12	specific hash key, checksums, digital signature, etc.) to ensure the software updates are the		_
SAHD-4	manufacturer-authorized updates? Can the owner/operator perform software integrity	No	_
	checks (i.e., verify that the system has not been modified or tampered with)?		
SAHD-5	Is the system configurable to allow the implementation of file-level, patient level, or other types of access controls?	N/A	_
SAHD-5.1	••	N/A	_
SAHD-6	Are any system or user accounts restricted or disabled by the manufacturer at system delivery?	N/A	_
SAHD-6.1	Are any system or user accounts configurable by the	N/A	_
SAHD-6.2	end user after initial configuration?  Does this include restricting certain system or user accounts, such as service technicians, to least	N/A	_
SAHD-7	privileged access?  Are all shared resources (e.g., file shares) which are not required for the intended use of the device disabled?	Yes	_
SAHD-8	Are all communication ports and protocols that are not required for the intended use of the device disabled?	Yes	_
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	Yes	_
	deleted/disabled?		

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SAHD-10	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 device deleted/disabled?	Yes	_
SAHD-11	Can the device prohibit boot from uncontrolled or removable media (i.e., a source other than an internal drive or memory component)?	N/A	_
SAHD-12		No	_
SAHD-13	Does the product documentation include information on operational network security scanning by users?	N/A	_
SAHD-14	Can the device be hardened beyond the default provided state?	N/A	_
SAHD-14.1	Are instructions available from vendor for increased hardening?	N/A	
SHAD-15	Can the system prevent access to BIOS or other	N/A	
SAHD-16	bootloaders during boot? Have additional hardening methods not included in 2.3.19 been used to harden the device?	N/A	_
	SECURITY GUIDANCE (SGUD)		
	Availability of security guidance for operator and administrator of the device and manufacturer sales		
SGUD-1	and service.  Does the device include security documentation for	Yes	_
SGUD-2	the owner/operator?  Does the device have the capability, and provide instructions, for the permanent deletion of data from the device or media?	N/A	_
SGUD-3	Are all access accounts documented?	N/A	_
SGUD-3.1	Can the owner/operator manage password control	N/A	_
SGUD-4	for all accounts?  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-1.1 STCF-1.2	Can the device encrypt data at rest?  Is all data encrypted or otherwise protected?  Is the data encryption capability configured by	No N/A N/A	_
STCF-1.3	default? Are instructions available to the customer to	N/A	
STCF-2	configure encryption? Can the encryption keys be changed or configured?	N/A	_
STCF-3	Is the data stored in a database located on the	N/A	
STCF-4	device? Is the data stored in a database external to the device?	N/A	_
	TRANSMISSION CONFIDENTIALITY (TXCF) The ability of the device to ensure the confidentiality of transmitted personally identifiable information.		
TXCF-1	Can personally identifiable information be transmitted only via a point-to-point dedicated	N/A	_
TXCF-2	cable? 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	_

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TXCF-4 TXCF-5	Is personally identifiable information transmission restricted to a fixed list of network destinations? Are connections limited to authenticated systems? Are secure transmission methods supported/implemented (DICOM, HL7, IEEE 11073)?	N/A N/A 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?	N/A	_
TXIG-2	Does the device include multiple sub-components connected by external cables?	N/A	_
	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	_
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)?	No	_

## OTHER SECURITY CONSIDERATIONS (OTHR)

NONE

## Notes:

Note 1

Example note. Please keep individual notes to one cell. Please use separate notes for separate information