ABC123

1

<b>=</b> Sway	Category: Tier IV Labeling Title: QR-2003-01			
Version	State	Effective Da		Document ID
03	Effective	05-JUN-202		332012
Document Name		Product Family		Change Order Number
MDS2 Form for Security		N/A		DCO-20-004

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

Sway Medical	4.1.1	QR-2003-01	4-	Apr-2020
Question ID	Question		See note	
DOC-1	Manufacturer Name	Sway Medical		
DOC-2	Device Description	Sway System		
DOC-3	Device Model	4.1.1		
DOC-4	Document ID	QR-2003-01		
		Sway Operations LLC		
DOC-5	Manufacturer Contact Information	212 S. Front Street 76008, USA P: 855-792-9633	-	
DOC-6	Intended use of device in network-connected environment:	The Sway Balance System is intended for use to assess sway as an indicator of balance. Individual suitability for assessment must be judged on a case by case basis, by a qualified individual including those certified and/or licensed in their state to prescribe and/or use balance devices such as ceritfied athletic trainers and coaches, physical therapists, nurses and physicians. The Sway Balance software application is a classified as a Pre- amendment device, FDA product code LXV. The Sway Cognitive System is intended for use as a computerized cognitive assessment aid to be administered by a qualified health profession to assess cognitive function. The Sway Cognitive software application is classified as a Class II exempt device, FDA product code PKO.	_	
DOC-7	Document Release Date	4/4/2020		
	Coordinated Vulnerability Disclosure: Does the			
DOC-8	manufacturer have a vulnerability disclosure		_	
	program for this device?			
DOC-9	ISAO: Is the manufacturer part of an Information Sharing and Analysis Organization?		_	
	Diagram, Is a naturally or data flow diagram available			
DOC 10	Diagram: Is a network or data flow diagram available			
DOC-10	that indicates connections to other system	Yes	_	
	components or expected external resources?			
	SaMD: Is the device Software as a Medical Device			
DOC-11	(i.e. software-only, no hardware)?	Yes		21
DOC-11.1	Does the SaMD contain an operating system?	No		
	Does the SaMD rely on an owner/operator provided			
DOC-11.2	operating system?	Yes		
	operating system.			
DOC-11.3	Is the SaMD hosted by the manufacturer?	No		21
	·			
DOC-11.4	Is the SaMD hosted by the customer?	Yes		21
		V N-		
		Yes, No,	Noto #	
		N/A, or	Note #	
		See Note		
	MANAGEMENT OF PERSONALLY IDENTIFIABLE			
	INFORMATION			

Yes

Can this device display, transmit, store, or modify MPII-1 personally identifiable information (e.g. electronic Protected Health Information (ePHI))?

<b>=</b> S	way	Category: Tier IV Labeling Title: QR-2003-01	g QR-2003-0:	1		4-Apr-2020	
MPII-2	Version 03 Does the device ma	State intain personally ideாக்குல்	Yes	Effective Da		Document ID 332012	
WIF II-2	Document Name MDS2 FormasforeSeautritya	intain personally identifiable	Produc	t Family /A		Change Order Number DCO-20-004	
MPII-2.1		arilaithewilleandencoistwavm			on 24-Aug-202	20 at 3:36:53 PM UTC • Page 2 c	of 15
MPII-2.2	information persiste	re personally identifiable ently on internal media?	No		_		
MPII-2.3		iable information preserved in latile memory until explicitly	No			2	
MPII-2.4	Does the device sto information in a dat	re personally identifiable abase?	Yes				
MPII-2.5		w configuration to automatically ally identifiable information after term solution?	Yes			2	
MPII-2.6	identifiable informa	port/export personally tion with other systems (e.g., a g device might export personally tion to a server)?	No		_		
MPII-2.7	information when p service interruption		Yes			2	
MPII-2.8	removed by a servic destruction or custo	w the internal media to be te technician (e.g., for separate omer retention)? w personally identifiable	N/A		_		
MPII-2.9	information records from the device's op	be stored in a separate location oerating system (i.e. secondary nate drive partition, or remote	No				
MPII-3		ve mechanisms used for the ting/exporting of personally tion?	No		_		
MPII-3.1	Does the device disp information (e.g., vi	play personally identifiable deo display, etc.)?	Yes			3	
MPII-3.2		nerate hardcopy reports or nersonally identifiable	No		_		
MPII-3.3	information from or information to remo	rieve personally identifiable r record personally identifiable ovable media (e.g., removable- DVD-R/RW,CD-R/RW, tape, y stick, etc.)?	No		-		
MPII-3.4	personally identifial cable connection (e FireWire, etc.)?	nsmit/receive or import/export ole information via dedicated .g., RS-232, RS-423, USB,	No		_		
MPII-3.5	identifiable informa connection (e.g., RJ	nsmit/receive personally tion via a wired network 45, fiber optic, etc.)? nsmit/receive personally	No		_		
MPII-3.6	identifiable informa connection (e.g., Wi cellular, etc.)?	tion via a wireless network iFi, Bluetooth, NFC, infrared,	Yes			2	
MPII-3.7		nsmit/receive personally tion over an external network	Yes			2	
MPII-3.8	Does the device imp information via scar	port personally identifiable nning a document?	No				
MPII-3.9		nsmit/receive personally tion via a proprietary protocol?	No				
MPII-3.10		any other mechanism to export personally identifiable	No		_		
Managem	ent of Private Data notes:						

		QR-2003-01		4-Apr-2020	
	03 State Effective		Effective Date 05-JUN-2020	Document ID 332012	
E MDS	Document Name S2 Form for Security to prevent access and misuse b	Product Family	/	Change Order Number DCO-20-004	
	unauthorized users if device is left idle for a period		pp zenams com on 24-Aug-202		
	time.		pp:=o::q:::o:o::: o:: = : : : ::g =o=		
	Can the device be configured to force reauthorization of logged-in user(s) after a				
ALOF-1	predetermined length of inactivity (e.g., auto-logo	off, Yes	—		
	session lock, password protected screen saver)?				
	Is the length of inactivity time before auto-				
ALOF-2	logoff/screen lock user or administrator configurable?	No	—		
	AUDIT CONTROLS (AUDT)				
	The ability to reliably audit activity on the device.				
	Can the medical device create additional audit log	75			
AUDT-1	or reports beyond standard operating system logs	Yes			
AUDT-1.1	Does the audit log record a USER ID?	Yes			
AUDT-1.2	Does other personally identifiable information exi	ist No			
	in the audit trail? Are events recorded in an audit log? If yes, indicat	te			
AUDT-2	which of the following events are recorded in the			5	
AUDT-2.1	audit log: Successful login/logout attempts?	Yes		5	
AUDT-2.2	Unsuccessful login/logout attempts?	No		5	
AUDT-2.3	Modification of user privileges?	Yes		5	
AUDT-2.4	Creation/modification/deletion of users?	Yes		5	
AUDT-2.5	Presentation of clinical or PII data (e.g. display, print)?	No	_		
AUDT-2.6	Creation/modification/deletion of data?	Yes		5	
AUDT-2.7	Import/export of data from removable media (e.g USB drive, external hard drive, DVD)?	<sup>8.</sup> N/A	_		
AUDT-2.8	Receipt/transmission of data or commands over a	No			
	network or point-to-point connection?		—		
AUDT-2.8.1	Remote or on-site support? Application Programming Interface (API) and simi	N/A lar	-		
AUDT-2.8.2	activity?	Yes		5	
AUDT-2.9 AUDT-2.10	Emergency access?	No	-	5	
	Other events (e.g., software updates)?	Yes		5	
AUDT-2.11	Is the audit capability documented in more detail	? No	—		
AUDT-3	Can the owner/operator define or select which events are recorded in the audit log?	No			
AUDT-4	Is a list of data attributes that are captured in the	No			
AUDT-4.1	audit log for an event available? Does the audit log record date/time?	Yes	_		
1001 4.1	Can date and time be synchronized by Network Ti		_		
AUDT-4.1.1	Protocol (NTP) or equivalent time source?	Yes	—		
AUDT-5	Can audit log content be exported?	Yes			
AUDT-5.1	Via physical media?	No	_		
AUDT-5.2	Via IHE Audit Trail and Node Authentication (ATN, profile to SIEM?	A) No			
AUDT-5.3	Via Other communications (e.g., external service	No			
-0.0	device, mobile applications)?		-		
AUDT-5.4	Are audit logs encrypted in transit or on storage media?	Yes	_		
AUDT-6	Can audit logs be monitored/reviewed by	No			
AUDT-7	owner/operator? Are audit logs protected from modification?	Yes	_		
AUDT-7 AUDT-7.1	Are audit logs protected from modification? Are audit logs protected from access?	Yes	—		
AUDT-8	Can audit logs be analyzed by the device?	No			

### AUTHORIZATION (AUTH)

The ability of the device to determine the authorization of users.

	Varaia	<b>A</b>	I	F.(	-4-	D	
	03 Does the device pr	State event access to una		Effective Da 05-JUN-202		Document ID 332012	
AUTH-1	Document Name MDS2 Form for Security Can the device be	login requirements or other	Product	Family A		Change Order Number DCO-20-004	5
AUTH-1.1	credentraintedevice be c credentraintedag (e.g., LDAP, OAuth)	meathexervadeall@swaym	e <mark>di</mark> cal.com	from app.zenqms.com	on 2 <u>4-</u> Aug-20	20 at 3:36:53 PM UTC • Page 4	l of 1
AUTH-1.2		oush group policies to the device	No				
AUTH-1.3		ups, organizational units, or group	No				
AUTH-2	•	ed different privilege levels based administrator, and/or service,	Yes			;	7
AUTH-3	unrestricted admin	ner/operator grant themselves istrative privileges (e.g., access r application via local root or unt)?	No		_		
AUTH-4	Does the device au requests?	thorize or control all API access	Yes		_		
AUTH-5	Does the device ru 'kiosk mode', by de	n in a restricted access mode, or fault?	No				
CSUP-1	staff, or authorized device's security po Does the device co which may require operational life, eit or from a third-par	e service staff, remote service customer staff to install/upgrade tches. ntain any software or firmware security updates during its her from the device manufacturer ty manufacturer of the ? If no, answer "N/A" to	See Notes			٤	8
CSUP-2	questions in this se		N/A				
CSUP-2.1		cumentation provide instructions r installation of patches or	N/A				
CSUP-2.2	Does the device re	quire vendor or vendor- to install patches or software	N/A				
CSUP-2.3		ve the capability to receive of patches or software updates?	N/A		_		
CSUP-2.4	updates from any t	evice manufacturer allow security hird-party manufacturers (e.g., stalled without approval from the	N/A		_		
CSUP-3	yes, complete 3.1-3		N/A				
CSUP-3.1		cumentation provide instructions r installation of patches or	N/A				
CSUP-3.2		quire vendor or vendor- to install patches or software	N/A		_		
CSUP-3.3		ve the capability to receive of patches or software updates?	N/A				
CSUP-3.4	updates from any t	evice manufacturer allow security hird-party manufacturers (e.g., stalled without approval from the	N/A		_		
CSUP-4	yes, complete 4.1-4		N/A				
CSUP-4.1		cumentation provide instructions r installation of patches or	N/A				

SN	vay	Category: Title: QR-2	Tier IV Labeling 2003-01	g QR-2003-01				4-Apr-2020
V	ersion 03 Does the device red	uire vendor or	State			Effective Da		Document ID
CSUP-4.2	Document Name S2 Form for Security	o install patch	s or software	Product	Family	05-JUN-202	20	332012 Change Order Number
				N/		Zoname com		DCO-20-004
CSUP-4.3	remote installation	of patches or s	oftware updates?	GN/Jgal.COM	nomap	.zenqms.com	011 2 <u>4-</u> Aug	2020 at 3:36:53 PM UTC • Page 5
CSUP-4.4	Does the medical d updates from any t Microsoft) to be ins manufacturer?	hird-party man talled without	ufacturers (e.g., approval from the	N/A			_	
CSUP-5	Does the device con commercial off-the complete 5.1-5.4.		0,	N/A			_	
CSUP-5.1	Does the device do for owner/operator software updates?			N/A				
CSUP-5.2	Does the device red authorized service updates?	•		N/A			_	
CSUP-5.3	Does the device have remote installation		,	N/A				
CSUP-5.4	Does the medical d updates from any t Microsoft) to be ins manufacturer?	hird-party man	ufacturers (e.g.,	N/A			_	
CSUP-6	Does the device con (e.g., asset manage management)? If ye refernce in notes an	ment software es, please provi	license de details or	N/A			_	
CSUP-6.1	Does the device do for owner/operator software updates?			N/A			_	
CSUP-6.2	Does the device rec authorized service updates?	•		N/A			_	
CSUP-6.3	Does the device have remote installation			N/A			_	
CSUP-6.4	Does the medical d updates from any t Microsoft) to be ins manufacturer?	hird-party man	, ufacturers (e.g.,	N/A			-	
CSUP-7	Does the manufact updates are approv			N/A				
CSUP-8	Does the device per software updates?	rform automat	c installation of	N/A				
CSUP-9	Does the manufact party software that		•	N/A				
CSUP-10	Can the owner/ope approved third-par themselves?			N/A				
CSUP-10.1	Does the system ha installation of unap			N/A				
CSUP-11	Does the manufact assess device vulne	rabilities and u	pdates?	N/A				
CSUP-11.1	Does the manufact review and approva			N/A				
CSUP-11.2	Is there an update	eview cycle for	the device?	N/A				

HEALTH DATA DE-IDENTIFICATION (DIDT)

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

ABC123

			QR-2003-01			4-Apr-2020
	Version 03 Does the device	State Effective re provide an integral cabability to de-		Effective Date 05-JUN-2020		Document ID 332012
DT-1	Documentif/Name	ally identifiable information?	Product Fami	ily	— Cha	nge Order Number
	MDS2 Form for Secu Does the device	urity e support de-identification profiles	N/A		04 4	DCO-20-004
DT-1.1	that com的切	ah byen atthe way and a light way and a light and a		app.zenqms.com on	24-Aug-2020 at	. 3.36:53 PM UTC • Page 6
	DATA BACKU (DTBK)	P AND DISASTER RECOVERY				
		ecover after damage or destruction of ardware, software, or site information				
		e maintain long term primary storage				
ВК-1	information (e	dentifiable information / patient .g. PACS)? :e have a "factory reset" function to	Yes			9
ВК-2		ginal device settings as provided by	Yes		—	
ВК-3	capability to re	e have an integral data backup emovable media? e have an integral data backup	Yes		_	
ГВК-4	capability to re Does the devic	emote storage? e have a backup capability for system	Yes			
ГВК-5	software resto		Yes			
ГВК-6		e provide the capability to check the uthenticity of a backup?	Yes		_	
	EMERGENCY	ACCESS (EMRG)				
	identifiable inf emergency site	he device user to access personally 'ormation in case of a medical Jation that requires immediate access onally identifiable information.				
MRG-1	Does the devic (i.e. "break-gla	e incorporate an emergency access uss") feature?	See Notes			10
		A INTEGRITY AND AUTHENTICITY				
		e ensures that the stored data on the been altered or destroyed in a non-				
		nner and is from the originator.				
GAU-1		e provide data integrity checking f stored health data (e.g., hash or re)?	Yes			11
GAU-2	Does the devic	e provide error/failure protection and nanisms for stored health data (e.g.,	Yes			
	- , .					
	MALWARE D	ETECTION/PROTECTION (MLDP)				
		he device to effectively prevent, detect alicious software (malware).				
ILDP-1	Is the device cases of the software?	apable of hosting executable	N/A			
ILDP-2	software (or o	e support the use of anti-malware ther anti-malware mechanism)? s or reference in notes.	N/A		_	
LDP-2.1	Does the devic default?	e include anti-malware software by	N/A		_	
	Does the devic	e have anti-malware software				

<u>=</u> Sv	vay	Category: Tier IV Labelin Title: QR-2003-01	Category: Tier IV Labeling Title: QR-2003-01 QR-2003-01				4-Apr-2020
١	Version	State cumentation allow 世解ective			Effective Da		Document ID 332012
MLDP-2.3 MI	Document Name	install or update anti-malware	Produc N	<b>t Family</b> /A	03-3011-20		Change Order Number DCO-20-004
MLDP-2.4	)configur@laitedma)	whatthewewaddell@swaym	edical.con	n from app.:	zenqms.com	on 24-Aug-2	020 at 3:36:53 PM UTC • Page 7 of 1
MLDP-2.5	device user interfac	f malware detection occur in the ce?	N/A				
MLDP-2.6		urer-authorized persons repair vare has been detected?	N/A				
MLDP-2.7	Are malware notifie	cations written to a log?	N/A				
MLDP-2.8		ictions on anti-malware (e.g., on, configuration, scheduling)?	N/A				
MLDP-3	cannot be installed	DP-2 is NO, and anti-malware on the device, are other rols in place or available?	N/A			_	
MLDP-4		ploy application whitelisting that re and services that are n on the device?	N/A			_	
MLDP-5	Does the device em detection/preventi	ploy a host-based intrusion on system?	N/A			_	
MLDP-5.1		intrusion detection/prevention ed by the customer?	N/A				
MLDP-5.2	Can a host-based ir system be installed	trusion detection/prevention by the customer?	N/A			_	
	<b>NODE AUTHENTI</b> The ability of the de communication pai	evice to authenticate					
NAUT-1	authentication that recipient of data ar	ovide/support any means of node assures both the sender and the e known to each other and are ve transferred information (e.g. NMP)?	No			_	
NAUT-2		control mechanisms supported ce have an internal firewall, or lection white list)?	N/A			_	
NAUT-2.1	Is the firewall rules review?	et documented and available for	N/A				
NAUT-3		e certificate-based network tication?	N/A				
CONN-1	All network and rer be considered in de controls. This sectio that may be presen Does the device ha	APABILITIES (CONN) novable media connections must termining appropriate security in lists connectivity capabilities t on the device. ve hardware connectivity	N/A				
	capabilities?	aport wireless connections?					
CONN-1.1 CONN-1.1.1	Does the device su	oport wireless connections?	Yes Yes				
CONN-1.1.2	Does the device su	oport Bluetooth?	N/A				
CONN-1.1.3		oport other wireless network IE, Zigbee, proprietary)?	Yes			_	
CONN-1.1.4		oport other wireless connections ntrols, wireless detectors)?	N/A				
CONN-1.2	Does the device su	oport physical connections?	N/A			_	
CONN-1.2.1	Does the device ha	ve available RJ45 Ethernet ports?	N/A				

20	/vdy	Title: QR-2003-01	QR-2003-01				4-Apr-2020
CONN-1.2.2	Version 03 Does the device hav	State e available USB po性ffective	N/A		Effective Da		Document ID 332012
CONN-1.2.3 M	Does the device req Document Name 1DS2 Form for Security	uire, use, or support removable	NProduct	Family			Change Order Number DCO-20-004
ONN-1.2.4	,	mathew.waidencestivityin			engms.com o	n 24-Aug-	2020 at 3:36:53 PM UTC • Page 8
		rer provide a list of network				Ũ	-
CONN-2	the device?	that are used or may be used on	N/A				
CONN-3	within the customer		N/A				
CONN-4		nunicate with other systems omer environment (e.g., a service	N/A				
	host)?						
CONN-5		ke or receive API calls? uire an internet connection for	N/A			—	
CONN-6	its intended use?		N/A			—	
CONN-7		port Transport Layer Security	N/A				
CONN-7.1	(TLS)? Is TLS configurable?		N/A				
	Does the device pro	vide operator control					
CONN-8	functionality from a telemedicine)?	separate device (e.g.,	N/A				
	users.	ICATION (PAUT) ure the device to authenticate port and enforce unique IDs and					
AUT-1	passwords for all use accounts)?	ers and roles (including service	Yes				12
PAUT-1.1		orce authentication of unique IDs Il users and roles (including	Yes				12
PAUT-2	through an external	rable to authenticate users authentication service (e.g., MS S, LDAP, OAuth, etc.)?	No				
PAUT-3	•	rable to lock out a user after a nsuccessful logon attempts?	No				
PAUT-4	accounts, administra	nts (e.g., technician service ator accounts) listed in the	Yes				
PAUT-5	documentation? Can all passwords be	changed?	Yes				
		rable to enforce creation of user					
PAUT-6	account passwords	c) complexity rules?	Yes				
PAUT-7	Does the device sup expire periodically?	port account passwords that	No				
AUT-8	Does the device sup	port multi-factor authentication?	No				
AUT-9	Does the device sup	port single sign-on (SSO)?	No				
AUT-10		e disabled/locked on the device?					
AUT-11		port biometric controls?	No			_	
AUT-12		port physical tokens (e.g. badge	No				
AUT-13	Does the device sup hospital teams)?	port group authentication (e.g.	Yes				
AUT-14	Does the application authentication crede	or device store or manage	Yes				
PAUT-14.1		ed using a secure method?	Yes				

#### 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

	···		QR-2003-01			4-Apr-2	2020
PLOK-1		State re only? If yes, ans፼∰ct/to	Yes	Effective Da		Document ID 332012	14
PLUK-1	Document Name MDS2 Form for Security identifiable informa	onents maintaining personally	Product	Family A	-	Change Order Number DCO-20-004	14
PLOK-2	identifiable informa media) <b>Brijsteal</b> ysy without tools)?	tion (other than removable @@@(the; Wawadden)@swaym	e <mark>dical.com</mark>	from app.zenqms.com	on 24-Aug-20	020 at 3:36:54 PM UTC • <b>Pag</b>	e 9 of
PLOK-3	identifiable informa media) physically se	onents maintaining personally tion (other than removable cured behind an individually	N/A		_		
PLOK-4		e? re an option for the customer to :k to restrict access to removable	N/A				
	media?						
	ROADMAP FOR TI DEVICE LIFE CYCLE	HIRD PARTY COMPONENTS IN E (RDMP)					
		ns for security support of third- vithin the device's life cycle.					
RDMP-1		are development process, such as C 62304, followed during product			_		
RDMP-2	applications and sol	rer evaluate third-party tware components included in e development practices?	Yes				15
RDMP-3		irer maintain a web page or rmation on software support	Yes		_		
RDMP-4	Does the manufactu third-party compon	rrer have a plan for managing ent end-of-life?	Yes		-		
	A Software Bill of M software componen device being describ security planning by	F MATERIALS (SBoM) aterial (SBoM) lists all the ts that are incorporated into the ved for the purpose of operational the healthcare delivery ection supports controls in the					
SBOM-1	Is the SBoM for this		Yes				
SBOM-2		ow a standard or common g software components?	Yes		_		
SBOM-2.1		mponents identified?	Yes		_		
SBOM-2.2	components identif	manufacturers of the software ied?	Yes		—		
5BOM-2.3	Are the major versio components identif	on numbers of the software ied?	Yes				
BOM-2.4		lescriptive elements identified? ude a command or process	Yes				
SBOM-3		generate a list of software	Yes				
SBOM-4	Is there an update p	process for the SBoM?	Yes				
	SYSTEM AND APP	LICATION HARDENING (SAHD)					
	The device's inherer malware.	t resistance to cyber attacks and					
SAHD-1		ed in accordance with any	See Notes				16
SAHD-2	Has the device rece certifications?	ived any cybersecurity	N/A				
SAHD-3	software integrity c	ploy any mechanisms for hecking ploy any mechanism (e.g.,	N/A				
SAHD-3.1	release-specific has	h key, checksums, digital nsure the installed software is	N/A		_		

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S	way	Category: Tier IV Labeling Title: QR-2003-01	g QR-2003-01			4-Apr-2020
	Version 03 Does the device em	State		Effective Da 05-JUN-202		Document ID 332012
SAHD-3.2	Does the device em Documente Namite has MDS2 ForgnatoreSecurityer	ploy any mechanism fective n key, checksums, digital nsure the software updates are	N/A N/	Family	_	Change Order Number DCO-20-004
			dical.com f	rom app.zenqms.com on	24-Aug-202	20 at 3:36:54 PM UTC • Page 10 o
SAHD-4		rator perform software integrity nat the system has not been ed with)?	N/A			
SAHD-5	Is the system config implementation of f types of access cont	ile-level, patient level, or other	N/A		_	
SAHD-5.1	Does the device pro	vide role-based access controls?	N/A		_	
SAHD-6		ser accounts restricted or ufacturer at system delivery?	N/A		_	
SAHD-6.1	end user after initia	ser accounts configurable by the l configuration? stricting certain system or user	N/A		_	
SAHD-6.2	accounts, such as se	rvice technicians, to least	N/A			
SAHD-7		rces (e.g., file shares) which are intended use of the device	N/A		_	
SAHD-8	Are all communicati	on ports and protocols that are intended use of the device	N/A		_	
SAHD-9	Are all services (e.g. [FTP], internet infor	, telnet, file transfer protocol mation server [IIS], etc.), which the intended use of the device	N/A			
SAHD-10	included application	(COTS applications as well as OS- is, e.g., MS Internet Explorer, equired for the intended use of disabled?	N/A		_	
SAHD-11		ibit boot from uncontrolled or e., a source other than an mory component)?	N/A		_	
SAHD-12		oftware or hardware be installed ut the use of physical tools?	N/A		_	
SAHD-13		ocumentation include rational network security	N/A		_	
SAHD-14		ardened beyond the default	N/A		_	
SAHD-14.1	Are instructions ava	ilable from vendor for increased	N/A			
SHAD-15	-	vent access to BIOS or other boot?	N/A			
SAHD-16	-	dening methods not included in	N/A		_	

# SECURITY GUIDANCE (SGUD)

	SECONT CONSAINCE (SCOP)	
	Availability of security guidance for operator and administrator of the device and manufacturer sales and service.	
SGUD-1	Does the device include security documentation for the owner/operator?	Yes
SGUD-2	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?	Yes
SGUD-3.1	Can the owner/operator manage password control for all accounts?	No

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	0.3 Does the product include documentation	<b>Pr</b> tive	05-JUN-20		332012
SUD-4	recommended compensating controls for Document Name MDS2 Form for Security	Product	t <b>Family</b> /A	- c	Change Order Number DCO-20-004
	Printed by matthew.waddell@ HEALTH DATA STORAGE CONFIDENTIA (STCF) The ability of the device to ensure unauthor access does not compromise the integrity confidentiality of personally identifiable in stored on the device or removable media.	ality prized and	from app.zenqms.com	on 24-Aug-2020	at 3:36:54 PM UTC • Page 11
CF-1	Can the device encrypt data at rest?	Yes			18
CF-1.1	Is all data encrypted or otherwise protectors Is the data encryption capability configure	ed by			
°CF-1.2 °CF-1.3	default? Are instructions available to the customer configure encryption?	to No			
CF-2	Can the encryption keys be changed or co	nfigured? No			
CF-3	Is the data stored in a database located or				
	device? Is the data stored in a database external t	o the			
CF-4	device?	Yes			
	TRANSMISSION CONFIDENTIALITY (TX	(CF)			
	The ability of the device to ensure the conj of transmitted personally identifiable infor				
CF-1	Can personally identifiable information be transmitted only via a point-to-point dedit cable?			_	
CF-2	Is personally identifiable information encr to transmission via a network or removab	Yes			19
CF-2.1	If data is not encrypted by default, can the configure encryption options?	e customer N/A		_	
CF-3	Is personally identifiable information trans restricted to a fixed list of network destina	No			
CF-4	Are connections limited to authenticated	systems? Yes			
CF-5	Are secure transmission methods supported/implemented (DICOM, HL7, IEF	EE 11073)?		_	
415 1	<b>TRANSMISSION INTEGRITY (TXIG)</b> The ability of the device to ensure the inte transmitted data. Does the device support any mechanism (	e.g., digital			20
(IG-1	signatures) intended to ensure data is not during transmission? Does the device include multiple sub-com	popents			20
(IG-2	connected by external cables?	No		—	
	REMOTE SERVICE (RMOT)				
	Remote service refers to all kinds of device maintenance activities performed by a ser via network or other remote connection.				
10T-1	Does the device permit remote service co for device analysis or repair?	N/A		_	
ИОТ-1.1	Does the device allow the owner/operato initiative remote service sessions for devic or repair?			-	
	Is there an indicator for an enabled and a				

<b>=</b> Sway	Category: Tier IV Labeling Title: QR-2003-01	003-01		4-Apr-2020
	State eaccessed or vieweeffective N/A		ctive Date JUN-2020	Document ID 332012
RMOT-2 MDS2 Form for Security	rmit or use remote service N/A	oduct Family N/A	_	Change Order Number DCO-20-004
		com from app.zenqm	s.com on 24-Aug-2020	) at 3:36:54 PM UTC • Page 12 of
RMOT-3 functionality (e.g. s training)?	oftware updates, remote N/A			

### OTHER SECURITY CONSIDERATIONS (OTHR)

Ν	otes	::

Note 1	Sway collects and maintains the following ePHI (electronic Protected Health Information): First and Last Name, Data of Birth, Height, Weight, Age, results of balance tests, and results of cognitive tests.
Note 2	The data is collected by the Sway application on the mobile device and transferred to the database via cellular data (e.g. iPhone or Android with AT&T or Verizon data plan) or WiFi connection. Data is not permanently stored on the mobile device. Data is stored ont he device for the duration the user is logged in to the application. Local storage can be remotely wiped a device logged out when an access token is revoked.
Note 3	The Sway Application can display patient information when the user enters patient profile edit page.
Note 4	Authentication timeouts on the portal are used to automatically log out inactive accounts in order to safeguard unattended data.
Note 5	Sway Medical maintains an audit log that contains auditstamp of operations performed by users such as adding, removing, or modifying profile information, adding new test results, logging in or out, device info.
Note 6	Access to Sway Application account is controlled with user ID (email address) and password.
Note 7	Account administrator has ability to create users and assig them to groups.
Note 8	Any patches or updates to the iOS or Android device are performed and maintained independently of the Sway Application. All updates to the Sway application can be applied as they become available in the App Store or Google Play Store.
Note 9	All data is stored in a database maintained in Secure Data Storage compliant with ISO 27000. Data is not permanently stored on the mobile device, web portal, or any removable media. This inherently prevents from loss of data on the device.
Note 10	No special procedures or features are implemented or needed since all data is electronically stored on a cloud therefore access by authorized individuals is not limited to a specific device or location. Data managed by healthcare professionals can be accessed in accordance with the healthcare professional organization's procedures.

<u> </u>		Category: Tier IV Label Title: QR-2003-01	ling		
<u>-</u> Svvay		THE. QI-2003-01	QR-2003-01		4-Apr-2020
		State ePHI data is assured ମାଜନାନ		Effective Date 05-JUN-2020	Document ID 332012
	Use of SQL database Document Name MDS2 Form for Security functionality of the	in two main ways. One is the	Product	Family	Change Order Number DCO-20-004
	functionality of the	database management system matthewswaddell@swayr	medical.com		4-Aug-2020 at 3:36:54 PM UTC • Page 13 of 15
	the data; and secon	-			
		of the schema and appropriate ment of the data base e.g. usin			
Note 11	appropriate form ke	-	Б		
		ain types of data cannot be ds of data that don't exist or ar			
	not compatible.		e		
		between a user's web browse			
	and the web server encryption. The dat	is encrypted using 2048-bit SSL a	-		
	is hosted in Secure	Data Storage compliant with IS	0		
	27001. Access to Sway App	lication account is controlled			
		address) and password. Account	ıt		
Note 12	Admin can create	d assign them to calf exected			
Note 12		d assign them to self-created as a unique ID (email address)			
	and can access only				
		hing the particular group. tors are authenticated by send	ing		
	a Welcome Email to	o an email address provided by	0		
	the person requesting Sway Ac	count. Email contains randomly	1		
		d that the user is required to			
Note 13	change at first log-i	n. at least 6 characters in length.			
Note 15		eset using the Sway customer			
	web portal, which s	ends to the email address on file for			
		requesting a password reset.			
	Sway cannot view n				
	has access to users' Data on the device i	passwords. is temporarily stored in the			
	internal memory of	the device. Permament data is			
Note 14	stored in a database maintained in Secur	e re Data Storage compliant with			
	ISO 27000 hostedy	by Windows Azure which			
	provides all approp physical security fea				
		on runs on Apple devices (e.g.			
	iPhone, iPad, iPod) and Android	running iOS version 9.3 or high	er		
		or higher. The data is stored in	а		
		ed in Secure Data Storage			
	compliant with ISO 27000 hostedy by V	Vindows Azure. Windows Azure	2,		
	is audited by indepe	endent external auditors under			
Note 15	industry standards, including ISO 27001	. The audit scope includes			
	controls that addres	ss HIPAA security practices as			
	recommended by th Department of Heal	he U.S. Ith and Human Services.			
	Additional informat	ion on security, privacy, and			
	compliance certifica available at the Win	ations is ndows Azure Trust Center			
		wsazure.com/en-us/support/tru	ust-		
	center/ Sway application is	installed on iOS and Android			
		ot modify the mobile device			
	characteristics or its				
Note 16		any hardening measures on the e mobile device manufacturer.			
	Any hardening				
		mputers used to access the dat ortal are under discretion of	а		
	customers' organiza				

<b>s</b> S	way	Category: Tier IV Labelir Title: QR-2003-01	ng QR-2003-01		4-Apr-2020
	Version 03 Sway provides docu	State mentation on the Effective		Effective Date 05-JUN-2020	Document ID 332012
Note 17	Bocument Name MDS2 Form for SecUnity Sway website.	Studing the MD\$2 form and	Product Fami N/A	ly	Change Order Number DCO-20-004
Note 18	All da <b>Brinted By</b> K database, which is fi encryption with a private key. Credent access token is issue successful authentic for use in subsequer	ully encrypted using 256-bit AES tials are never stored and an ed from the Sway API upon cation nt calls to the Sway API. Local d with 256 bit AES and can be		pp.zenqms.com on 24	-Aug-2020 at 3:36:54 PM UTC • Page 14 of 15
Note 19	All network commun Application is limiter communication with this API is secured vi JSON transport. All <i>A</i> beyond the initial login API call are aut authorization token	nications with the Sway d only to the RESTful API. The			
Note 20	use of SQL database built-in functionality of the oprovided by the ven the data; and secon- way is the structure design and developr appropriate form ke to ensure that certa related to other kind not compatible. All data transmitted and the web server encryption. The data	in two main ways. One is the database management system dor and its inherent handling of d of the schema and appropriate ment of the data base e.g. using sys in types of data cannot be ds of data that don't exist or are between a user's web browser is encrypted using 2048-bit SSL			
Note 21	The Sway application	n is a mobile application I Android mobile devices.			

<b>=</b> Sway	Category: Tier IV Labeling Title: QR-2003-01			
Version	State	Effective Da		
03	Effective	05-JUN-202		
Document Name	Product		Change Order Number	
MDS2 Form for Security	N/		DCO-20-004	

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**REVISION HISTORY** 

**Version 01 Effective on 23-Mar-2020** Initial Release - QSR-15-10 archived.

Version 02 Effective on 04-Apr-2020 Update for 4.1.1

Version 03 Effective on 05-Jun-2020 Updated so header on first page was legible

## DOCUMENT ELECTRONIC SIGNATURES

DOCUMENT APPROVAL WORKFLOW Author Approval

Bob Steurer

I am the author of this document. Signed 8:07:19 PM UTC 05-Jun-2020