Restorative Therapies RTILink Database & System IT Information

RTILink Overview

RTILink is a database that resides on a server at www.RTILink.com (IP address: 69.89.6.226).

The purpose of RTILink is to:

- download patient therapy parameter data to the control unit interface (the controller for the device / ergometer)
- upload patient therapy result data from the control unit interface
- download automatic software updates to the control unit interface

RTILink is compliant with the HIPAA security rule.

Patients are identified by a seven-digit ID number including a 1-digit checksum) that is created when a new patient record is created in RTILink by a clinician. Only the clinician is able to match this RTILink ID with their actual patient.

System Interface Overview – The Device

The system interface for the device is a control unit, a tablet PC running Windows 10. The control unit is configured to run Restorative Therapies' proprietary software application upon startup which is hardcoded to only connect to RTILink or restorative-therapies.com. Users are not able to utilize the control unit for other Internet functions from within the application.

RT300 system

RT300 systems use a Microsoft Surface GO. It connects to the Internet via a WiFi network supporting 802.11 a/b/g/n.

The WiFi manager is capable of WEP, WPA, and WPA2 encryption. It can also be configured for a static IP connection, or a proxy server connection. 802.11 and 802.1x authentication methods are also supported using various methods of authentication such as PEAP and EAP.

The MAC address for the WiFi adapter is available from the SAGE software (Help | About).

RT300 system Control Unit Technical Specifications

Display	10° PixelSense™ Display, 1800 x 1200 (217 PPI) 10-point multi-touch, Aspect ratio 3:2	Sensors	Ambient light sensor Accelerometer
	Corning® Gorilla® Glass 3		Gyroscope
	Contrast ratio: 1500:1		Magnetometer
Dimensions	9.65" x 6.9" x 0.33" (245mm x 175mm x 8.3mm)	Connections	1 x USB-C™
	A ANTINE DATA DE LA COMPANYA A	and expansions	1 x Surface Connect port
Weight ²	Wi-Fi: 1.15 lbs (522g)		3.5mm headphone jack
Processor	Intel® Pentium® Gold Processor 4415Y		1 x microSDXC card reader
			Surface Type Cover port
Memory (RAM)/storage	4GB RAM, 64GB embedded MultiMediaCard (eMMC) drive	Cameras, video,	Windows Hello face authentication camera (front-facing)
combinations ³	Available in Wi-Fi only	and audio	5.0MP front-facing camera with
	8GB RAM, 128GB solid state drive (SSD)		1080p Skype HD video
	Available in Wi-Fi and LTE		8.0MP rear-facing autofocus camera
	8GB RAM, 256GB solid state drive (SSD)		with 1080p HD video
	Available in LTE only		Single microphone
Graphics	Intel® HD Graphics 615		2W stereo speakers with Dolby [®] Audio [™] Premium
		Exterior	Casing: Magnesium
Battery	Wi-Fi: Up to 9 hours of local video playback ¹		Color: Silver
Security	TPM 2.0 for enterprise security	53	Physical buttons: Volume, Power
	Enterprise-grade protection with Windows Hello	What's in	Surface Go
	face sign-in	the box	24W Surface Power Supply
Software	Ships with Windows 10 Pro configurable to S Mode ⁴		Quick Start Guide
	1 month trial for new Microsoft Office 365 customers		Safety and Warranty documents
Wireless	Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible	Warranty	1-year limited hardware warranty
	Bluetooth Wireless 4.1 technology		
Network	Nano SIM Tray		
(LTE Advanced models) ⁵	4G LTE Advanced (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41)		

RT200, RT600, Xcite systems

GPS / GLONASS: Standalone and Assisted GNSS, accuracy up to 3 meters

RT200, RT600 and Xcite systems use a tablet pc manufactured by Cybernet Manufacturing, Model T10C. It connects to the Internet via a WiFi network supporting 802.11 a/b/g/n, or a wired LAN connection up to 1Gbps.

The WiFi manager is capable of WEP, WPA, and WPA2 encryption. It can also be configured for a static IP connection, or a proxy server connection. 802.11 and 802.1x authentication methods are also supported using various methods of authentication such as PEAP and EAP.

The MAC address for the WiFi adapter is available from the SAGE software (Help | About).

RT200, RT600, and Xcite systems Control Unit Technical Specifications

Display	9.7" Medical Grade LED Panel 1024x768
CPU Support	Intel N2930 Quad Core Processor
Chipset	Intel NM10 Express Chipset
Memory	1x DDR3 1333MHz SO-DIMM sockets, populated up to 8GB
Operating System	Windows 10, Windows IoT, Windows 8.1, Windows 7, Linux
Video & Graphics	Intel HD Graphics
Touch Screen	PCAP Multi-Touch
Networking	1x Gigabit (Gbe) Realtek RTL8111E
Wireless	Intel Centrino 802.11 a/b/g/n + Bluetooth 4.0
BIOS	BIOS supports ACPI, API, DMI, Plug & Play, & security password. Supports booting from HDD,
	PXE, LAN, and USB device. BIOS System POST and BIOS setup password protection.
HDD Support	1x 3Gbps Serial ATA III port
ТРМ	Version 1.2
Sensor	G Sensor Support, Display Auto-Rotate Support
Webcams	1 Megapixel Front & Rear Webcams
Power Input	1x DC-19VDC @ 2.6A
Power Supply	50W Medical Grade Power Supply, Input: Universal 100~240V AC, 50-60Hz.
	Supports Output range: DC19V, 2.6A
Relative Humidity	10%~90% (non-condensing)
Waterproof	IP65 Sealed Front Bezel

Internet Connection

Overview

- The control unit communicates directly with the RTILink database across the internet a connection to a facility's intranet is NOT necessary.
- The communication protocol for transmission of information is HTTPS.
- The control unit initiates all communications with RTILink.com.

Clinicians are able to log on to RTILink using a username and password to add, view or edit patient therapy settings and produce session and progress analysis reports. Two factor authentication using Google Authenticator or Microsoft Authenticator is available. This can be enforced as a clinic setting by the clinic administrator or used by individual clinicians. The control unit can connect to a wireless network utilizing a hyperlink within the Restorative Therapies application to access the Windows 10 wireless manager. For RT300 systems, a USB-c to ethernet adapter can be used to achieve a hard-wired connection to the RTILink database.

Network Diagram and Data Flow n de la constante de la consta eApps Multi Tenant Hosting RTILink Virtual Private Server Customer Site -8 FTP Server 000 RTILink in Web ww.rtilink.com https:/ Browser ajp13 File s = https://www.rtidatalink.com Apache Web Server RTI Controller DigiCert SSL Sotware RTILink Tomcat Application Server TILink MySql Database Server H FTP (Port 22) RTI Control Sotware (FTP) 0 DNS Server Enterprise Backup er Activity Subscribed Email Notifications Cust Archived Log Files and DB Backups Subscribed Patients Sessions (a) D Acronis Backup Strava QuickBase AWS SES Amazon S3

PHI

Below is a list of the 18 PHI identifiers and their status in RTILink.com. Note that RTILink.com provides a setting which can be optionally set for a clinic to prohibit storage of any identifying information (see column 3 in the table below). This provides <u>Safe Harbor de-identification</u>.

#	Identifier	RTILink.com	Can be prohibited
1	Names	Not stored	N/A
2	All geographical subdivisions smaller than a State	Not stored	N/A
3	All elements of dates (except year) for dates directly related to an individual	Birthdate can be entered into patient record	Yes
4	Phone numbers	Not stored	N/A
5	Fax numbers	Not stored	N/A
6	Email addresses	Email address can be entered into patient record. Required if patient is to receive progress Emails.	Yes
7	Social Security numbers	Not stored	N/A
8	Medical record numbers	MRNs can be entered into patient records as a means of cross referencing the RTILink.com ID number.	Yes
9	Health plan beneficiary numbers	Not stored	N/A

#	Identifier	RTILink.com	Can be prohibited
10	Account numbers	Not stored	N/A
11	Certificate/license numbers	Not stored	N/A
12	Vehicle identifiers and serial numbers	Not stored	N/A
13	Device identifiers and serial numbers	Only clinic device identifiers are stored as part of session data. These do not identify a patient.	N/A
14	Web Universal Resource Locators	Not stored	N/A
15	Internet Protocol (IP) address numbers	Not stored	N/A
16	Biometric identifiers	Not stored	N/A
17	Full face photographic images	Not stored	N/A
18	Any other unique identifying number, characteristic, or code	Not stored	N/A

Other Data

The following data is also maintained for each patient.

#	Data	Description		
1	ID number	Seven-digit auto generated RTILink ID number (includes checksum) used to identify the patient within RTILink.		
2	PIN number	Four digit PIN used to confirm the ID number when downloading a therapy. This defaults to patient month & year of birth if available (mmyy).		
	Country	Country where the patient is using the system.		
	Last used controller serial number	Serial number of the last system the patient used – in a clinic environment this will be a clinic system.		
	Date privacy acknowledged	The date the patient acknowledged Restorative Therapies' privacy practices.		
	Month & year born	Used to auto generate the PIN and set pediatric status. Can be prohibited (see item 3 in table above).		
	Weight	Used to calculate MET minutes and for RT600 sessions.		
	Pediatric	Used to set therapy defaults.		
	Condition	Patient's condition can be selected from a list of conditions.		
	Session efficiency	Used to calculate MET minutes. Set automatically in certain circumstances.		
	Clinic	Clinic patient is attending.		
	Prescribing clinic	Clinic that originally prescribed the system.		
	2 nd prescribing clinic	2 nd clinic that prescribed the system.		

#	Data	Description
	Clinician	Login of current clinician.
	2 nd clinician	Login of 2 nd clinician.
	Therapies	Table of therapy data for the patient. Patient can have multiple therapies. History of each therapy is maintained. An example is shown in Appendix B.
	Therapy results	Table of therapy result data for the patient. An example is shown in Appendix C.

Manufacturer disclosure statement

See manufacturer disclosure statement for medical device security in Appendix A.

		Manufacturer [t for Medical Device Security - MI)S ²	
			DEVICE DI	ESCRIPTION		
Devi	ce Cate	gory	Manufacturer	Document ID Document Release	: Date	_
1652	0, 1522	0	Restorative Therapies,	PM101430 2/21/2020		
Device Model Software Revision		Software Revision	Software Release	Date		
			15	12/17/2019		
			1			
Man	ufacture	Company Name		Manufacturer Contact Information		
•	Representative Restorative Therapies 1434 Fleet St., Baltimore, MD 21231					
	ontact Representative Name/Position					
ntor	mation	Nicholas Hol	brook, Operations Manage	9		
Inte	nded (se of device in net	vork-connected environment:			
Dow	/nload	therapy parameters	and upload therapy sessio	n results to an online database, rtilink.com		
			MANAGEMENT	DF PRIVATE DATA		
	Refer to	o Section 2.3.2 of this	standard for the proper interp	retation of information requested in this form.	Yes, No, N/A, or See Note	Note #
A			ansmit, or maintain private d	lata (including electronic Protected Health		Τ
	Info	rmation [ePHI])?			Yes	
в	Type:	s of private data le	lements that can be maintained	by the device :		
	B.1	Demographic (e.g., n	ame, address, location, unique	identification number)?	Yes	
	B.2	Medical record (e.g. number)?	, medical record #, account #, I	test or treatment date, device identification	Yes	2
	B.3	Diagnostic/therapeu characteristics)?	tic (e.g., photo/radiograph, tes	st results, or physiologic data with identifying	No	
	B.4	Open, unstructured t	ext entered by device user ?	operator?	Yes	3
	B.5	Biometric data?	•	•	No	1
	B.6	Personal financial inf	ormation?		No	
C	Main	taining private data	- Can the device :			17
	C.1	Maintain private d	ata temporarily in volatile mer	mory (i.e., until cleared by power-off or reset)?	No	- 4
	C.2	-	a persistently on local media?		No	
	C.3	Import/export prive	ate data with other systems?		Yes	1
	C.4		ata during power service inter		Yes	
D	Mech		••	g of private data - Can the device:		+-
	D.1		(e.g., video display, etc.)?	•	No	
	D.2		eports or images containing p i	rivate data?	Yes	- 6
	D.3	Retrieve private d		data to removable media (e.g., disk, DVD, CD-	Yes	;
	D.4	Transmit/receive or i serial port, USB, Fire		via dedicated cable connection (e.g., IEEE 1073,	No	T
	D.5			rk connection (e.g., LAN, WAN, VPN, intranet,	Yes	
	D.6		ivate data via an integrated v	wireless network connection (e.g., WiFi, Bluetooth,	Yes	
	D.7	Import private da	ta via scanning?		No	+
	D.8	Other?			No	-
	agemen ite Data s:					

Device Category		r r			Document Release	Date		
1652	0, 1522	0	Restorative Therapies,	PM101430	43882			
Device Model			Software Revision	Software Revision Software Re		lease Date		
RT2	00, R30	00, RT600, Xoite	15		43816		_	
			SECURITY	CAPABILITIES				
I	Refer to	Section 2.3.2 of thi	is standard for the proper inter	pretation of information	requested in this form.	Yes, No, N/A, or See Note	Note #	
1	AUT	OMATIC LOGOF	F (ALOF)					
	The d	evice's ability to pr	revent access and misuse by un	authorized users if dev	rice is left idle for a period o	of time.		
1-1	1 Can the device be configured to force reauthorization of logged-in user (s) after a predetermined length of inactivity (e.g., auto-logoff, session lock, password protected screen saver)?				Yes			
		(Indicate time [fixed	tivity time before auto-logoff/ d or configurable range] in note	s.)	-	Yes	_	
	1-1.2	Can auto-logoff/sc the user ?	reen lock be manually invoked	(e.g., via a shortcut key o	r proximity sensor, etc.) by	No	_	
ALOF								
notes	:							
2		IT CONTROLS (A	-					
	The at	bility to reliably audit	t activity on the device .					
2-1	Can th	e medical device	create an audit trail ?			Yes	10	
2-2	Indica	te which of the follow	wing events are recorded in the	audit log:				
	2-2.1	Login/logout				Yes	_	
	2-2.2	Display/presentatio	on of data			No	_	
	2-2.3	Creation/modificati	ion/deletion of data			Yes		
	2-2.4	Import/export of d	ata from removable media			No		
	2-2.5	Receipt/transmission	on of data from/to external (e.ç	g., network) connection		Yes		
	2.	2.5.1 Remote ser	rvice activity			Yes		
	2-2.6	Other events? (des	cribe in the notes section)			No		
2-3	Indica	te what information i	is used to identify individual ev	ents recorded in the audi	t log:			
	2-3.1	User ID				Yes		
	2-3.2	Date/time				Yes		
AUDI notes	-							
3	AUT	HORIZATION (A	UTH)					
	The at	oility of the device to	determine the authorization of	fusers.				
3-1	mecha	nism?	ccess to unauthorized users (Yes	_	
3-2	users	s, power users , adr	•			Yes	1	
3-3			perator obtain unrestricted a ocal root or admin account)?	dministrative privileges (e.g., access operating	No	_	
АЛТН	1							
notes	:							

Device Category		Manufacturer	Document ID	Document Release	Date	
16520,	15220	Restorative Therapies,	PM101430	43882		
Device	Model	Software Revision	±	Software Release	Date	
RT200), R300, RT600, Xoite	5		43816		
					Yes, No.	-
B	efer to Section 2.3.2 of this	standard for the proper interp	retation of information reques	ted in this form.	N/A, or See Note	Note
<u> </u>	CONFIGURATION OF	SECURITY FEATURES	(CNFS)			_
·	The ability to configure/re-	configure device security c	apabilities to meet users'	needs.		
4-1	Can the device owner/op	erator reconfigure product see	urity capabilities?		No	_
CNFS						
notes:						
		RODUCT UPGRADES (C:	•			
	The ability of on-site servic patches.	e staff, remote service staff, or	authorized customer staff to in	nstall/upgrade devic	e 's security	
5-1	Can relevant OS and devic	e security patches be applied (to the device as they become	available?	Yes	
	5-1.1 Can security patches	s or other software be installed	remotely?		Yes	_
CSUP						
notes:						
6	HEALTH DATA DE-ID	ENTIFICATION (DIDT)				
·	The ability of the device t	o directly remove information t	hat allows identification of a p	erson.		
6-1	Does the device provide:	an integral capability to de-ider	tify private data?		Yes	12
оют						
notes:						
		DISASTER RECOVERY (•			
·	The ability to recover after	damage or destruction of dev i	i ce data, hardware, or softwar	e.		
	Does the device have an in media such as tape, disk) [•]	ntegral data backup capability ?	(i.e., backup to remote storage	or removable	Yes	13
отвк						
notes:						
8	EMERGENCY ACCES	S (EMRG)				
	The ability of device use stored private data .	rs to access private data in	case of an emergency situation	n that requires immedi	ate access t	•
8-1	Does the device incorpor	ate an emergency access ('	"break-glass") feature?		N/A	_
EMRG						
notes:						
9	HEALTH DATA INTEG	RITY AND AUTHENTICI	FY (IGAU)			
	How the device ensures the is from the originator.	hat data processed by the dev i	ice has not been altered or de:	stroyed in an unauthor	rized manner	bne
	Does the device ensure th technology?	e integrity of stored data with	implicit or explicit error detect	ion/correction	Yes	14
IGAU notes:						

Device Category		ory	Manufacturer Document ID Document Release Da		e Date		
16520), 1522()	Restorative Therapies,	PM101430	43882		
Device	Mode		Software Revision		Software Release	Date	
RT20	0, R30	0, RT600, Xoite	5		43816		
F	Refer to	Section 2.3.2 of this	standard for the proper interp	pretation of information request	ed in this form.	Yes, No, N/A, or See Note	Note #
10	MAL	WARE DETECTIO	N/PROTECTION (MLDP	יו			-
			-	- id remove malicious software (■	alware).		
10-1	Does	the device support	the use of anti-malware sof	tware (or other anti-malware	mechanism)?	Yes	15
			endently re-configure anti-ma	•		See Note	
	10-1.2		malware detection occur in t	•		See Note	
	10-1.3	Can only manufactur	er-authorized persons repair sy	ystems when malware has been	n detected?		
						See Note	_
10-2			l or update anti-virus soft a			Yes	_
10-3		e device owner/oper rirus software?	rator (technically/physically) (update virus definitions on manu	ifacturer-installed	N/A	_
MLDP notes:							
11	NOD	E AUTHENTICAT	ION (NAUT)				
	The at	ility of the device t	o authenticate communication p	oartners/nodes.			
11-1	Does	the device provide/	support any means of node aut	hentication that assures both th	e sender and the		
				ed to receive transferred inform		Yes	
							-
NAUT notes:							
12		SON AUTHENTIC					
	Ability) of the device to au	ithenticate users				
12-1	Does	the device support	user/operator -specific use	rname(s) and password(s) for a	t least one user ?	Yes	16
	12-1.1	Does the device sup	port unique user/operator -	specific IDs and passwords for	multiple users?	Yes	16
12-2		e device be configu Directory, NDS, LDA		ough an external authentication s	service (e.g., MS	No	
12-3		•	•	certain number of unsuccessful l	logon attempts?		
						Yes	_
12-4			changed at/prior to installation	2		Yes	-
12-5		y shared user IDs us	,			Yes	16
12-6		e device be configu exity rules?	ured to enforce creation of use	er account passwords that meet	: established	Yes	
12-7	Can th	e device be configu	ired so that account password	s expire periodically?		Yes	
PAUT							
notes:							
13	PHYS	SICAL LOCKS (PL	.OK)				
			mauthorized users with physi data stored on the device o	cal access to the device from (or on removable media .	compromising the in	tegrity and	
13-1		device component annot remove without		other than removable media) physically secure	Yes	
PLOK notes:							

Device Category		Manufacturer Document ID Document Rele			e Date	
1652	0, 15220	Restorative Therapies,	PM101430	43882		
Devic	e Model	Software Revision	÷	Software Release	Date	
RT2	00, R300, RT600, Xoite	5		43816		
,	Refer to Section 2.3.2 of thi	is standard for the proper interp	pretation of information	n requested in this form.	Yes, No, N/A, or	Note #
14		RD PARTY COMPONENT			See Note	z
.		ecurity support of 3rd party co		• •		
14-1	In the notes section, list th system(s) - including versi	e provided or required (separat on number(s).	ely purchased and/or d	lelivered) operating	See Note	_
14-2		y applications provided by the r , Third party software: Logm			See Note	_
RDM		, Third party software: Login	en			
notes	-					
						
15		ICATION HARDENING (S.				
		to cyber attacks and malware .				
15-1	Does the device employ any industry-recognized h	any hardening measures? Pleas ardening standards.	e indicate in the notes t	the level of conformance to	No	_
15-2		any mechanism (e.g., release-sp is the manufacturer-authorized p			Yes	17
15-3	Does the device have ext	ternal communication capability	(e.g., network, modem,	etc.)?	Yes	_
15-4	Does the file system allow (NTFS) for MS Windows	the implementation of file-level platforms)?	access controls (e.g., N	Vew Technology File System	N/A	18
15-5	Are all accounts which are users and applications?	not required for the intended	use of the device d	isabled or deleted, for both	Yes	
15-6	Are all shared resources (o disabled?	e.g., file shares) which are not re	quired for the intende	ed use of the device,	N/A	18
15-7	Are all communication por	ts which are not required for the	intended use of th	e device closed/disabled?	N/A	19
15-8	required for the intende	t, file transfer protocol [FTP], in d use of the device deleted/	disabled?	•	N/A	18
15-9		S applications as well as OS-incl the intended use of the deu			No	18
15-10	Can the device boot from memory component)?	m uncontrolled or removable	media (i.e., a source o	other than an internal drive or	No	
15-11	Can software or hardware use of tools?	not authorized by the device	manufacturer be installe	ed on the device without the	Yes	
SAHE notes						
16						
10	SECURITY GUIDANC		deninistration of the sust	an and manufacturar calas an	d assuitas	
		guidance for operator and a	-	tem and manuracturer sales an		
16-1	·	res documented for the device			Yes	-
16-2	Are instructions available deletion of personal or ot	for device /media sanitization her sensitive data)?	(i.e., instructions for ho	w to achieve the permanent	Yes	20
SGUE	0					
notes						

Device Category		Manufacturer	Document ID	Document Release	: Date			
16520, 15220		Restorative Therapies,	PM101430	43882				
Devic	e Model	Software Revision		Software Release	Date			
RT20	0, R300, RT600, Xoite	15		43816				
F	Refer to Section 2.3.2 of this	standard for the proper inter	pretation of information	requested in this form.	Yes, No, N/A, or See Note	Note #		
17	HEALTH DATA STOR	AGE CONFIDENTIALITY	(STCF)					
	The ability of the device to ensure unauthorized access does not compromise the integrity and confidentiality of private data stored on device or removable media .							
17-1	17-1 Can the device encrypt data at rest?							
STCF notes:								
18	TRANSMISSION CON	IFIDENTIALITY (TXCF)						
	The ability of the device t	o ensure the confidentiality of	transmitted private d i	ata.				
18-1	Can private data betra	nsmitted only via a point-to-po	oint dedicated cable?		No			
18-2	Is private data encrypte the notes which encryption	d prior to transmission via a n standard is implemented.)	etwork or removable (media ? (If yes, indicate in	Yes			
18-3	ls private data transmis	sion restricted to a fixed list o	f network destinations?		Yes	_		
TXCF notes:								
19	TRANSMISSION INTE		itted mainstandates					
		o ensure the integrity of transr	-		1	.		
19-1	yes, describe in the notes s	any mechanism intended to ens ection how this is achieved.)	sure data is not modified	l during transmission? (If	Yes			
TXIG	SSL							
notes:								
20	OTHER SECURITY CO	DNSIDERATIONS (OTHE	ก					
		erations/notes regarding med						
20-1	Can the device be service	d remotely?	-		Yes			
	Can the device restrict re	mote access to/from specified	devices or users or ne	twork locations (e.g.,	Yes	-		
	specific IP addresses)? 20-2.1 Can the device be	configured to require the local	user to accept or initia	ate remote access?	Yes	-		
OTHR notes:		, ,				-		

Notes:

1. RTILink.com assigns each patient a unique 7-digit number (includes a checksum)

2. A MRN can be entered as a cross reference. This and all identifying data can be prohibited as an option in the clinic settings.

Session dates are stored. The serial number of the device which the patient used is also stored.

3. The MRN number field is a text field.

4. The device does not store any identifying information. This is only stored in RTILink.com if allowed in clinic settings.

5. RTILink.com can export patient data to xls files or clinic systems if that function is established.

6. RTILink.com can provide printed reports of session data and therapy settings.

7. Recording to removable media in not possible from the device. Recording to removable media is not a function of RTILink.com however it would be possible for a user to save the reports or exported data (see 5 & 6 above) to removable data.

8. The device can connect to RTILink.com via wired network connection using SSL

9. The device can connect to RTILink.com via WiFi network connection using SSL

10. RTILink.com creates an audit trail, the device does not

11. At the clinic level RTILink.com supports users: patients, clinicians, clinic administrators

12. RTILink.com provides a clinic setting which prevents entry of any of the 18 patient identifiers and removes any that have already been entered

13. RTILink.com is continuously backed up. The device is not backed up, but patient therapy setting are uploaded to RTILink.com.

14 Communications between device and RTILink.com has guaranteed data accuracy

15 RTI does not install antivirus software since the device can only connect to RTILink.com. Clinic can optionally install antivirus software on the device

16 The device supports a single clinician login. RTILink.com supports multiple clinician login IDs and passwords.

17 Software updates incorporate checksums.

18 Clinicians have no access to device except via the provided application software

19 All ports on the device are open

20 All identifying information in RTILink.com can be erased via a clinic preference setting

21 Clinic device is encrypted. RTILink.com is encrypted at rest.

Appendix B

Example of therapy parameters shown on RTILink that are downloaded to the RT300 system controller.



Appendix C

Example of therapy results that are uploaded to RTILink from the device controller.

Session Date 7 digit patient ID 1000014 2010-09-22_10-24-17									
SESSION DATA									
	Crank		Control/Target	_	Stimulation				
Time(s)	Velocity	Motor Velocity	Speed	Power	Level	Drive Torque	Resistance	Pulse	Saturation
1	0	0	45	0	0	9.983	0.5	-1	-1
5	0	0	45	0	0	9.983	0.5	-1	-1
6	3	5	45	0	0	9.983	2.525	-1	-1
10	6	6	45	0	0	9.983	2.525	-1	-1
15	12	13	45	0	0	9.983	2.525	-1	-1
20	17	20	45	0	0	9.983	2.525	-1	-1
25	22	26	45	0	0	9.983	2.525	-1	-1
30	29	33	45	0	0	9.983	2.525	-1	-1
35	35	40	45	0	0	9.983	2.525	-1	-1
40	36	40	45	0	0	9.983	0.5	-1	-1
45	40	40	45	0	0	9.983	0.5	-1	-1
50	41	40	45	0	0	9.983	0.5	-1	-1
55	37	40	45	0	0	9.983	2.525	-1	-1
60	37	40	45	0	0	9.983	2.525	-1	-1
65	37	40	45	0	0	9.983	2.525	-1	-1
66	37	45	45	0	0.993	9.983	2.525	-1	-1