Talis Hub™

Connecting Medical Device Data to Support Workflow

Talis CLINICAL LLC | A Getinge company

Talis Hub™

What is the Talis Hub?

Talis Hub is a modern medical device connectivity platform designed to unlock the full potential of existing medical device investments by seamlessly flowing all device data into the hospital EMR.

Talis Hub automates the collection of medical device data, saving care teams valuable time and avoiding manual errors. By alleviating this administrative burden, it reduces costs and allows clinicians to focus on patient care, ultimately driving higher levels of engagement.

Talis Hub offers agnostic interoperability with an extensive library of more than 1000 medical device drivers by different manufacturers. Rapid development of new drivers comes with no additional cost.

Designed to ensure high availability of medical device data flow, the Talis Hub supports therapy delivery devices with their multiple therapy modes and transport requirements within the hospital. It simplifies access to a wide range of medical device data, including high-resolution data and waveforms, while adhering to stringent privacy and security standards.

Talis Hub is a comprehensive platform solution that includes the hardware, software, and system support to deliver an automated and seamless medical device connectivity experience.

Infrastructure Specifications for Implementation:

Talis Hub aggregation servers are to be provisioned by the client and will reside in their respective data center.

Medical Device Interface (MDI) Specifications

Features	
CPU	Octa-core ARM® Cortex®-A53 @1.4GHz
Memory	Dram 1GB DDR3 @ 800MHz Flash 4GB eMMC v4.5
Storage	32GB MicroSD memory card (class 10)
Ethernet	2x RJ45 10/100Mbps Ethernet LAN
WLAN	IEEE 802.11a/b/g/n/ac, dual-band SISO 1 x 2.4Ghz, 5.0 Ghz Dual Band 5dbi: SMA-m – antenna
Bluetooth	4.1 (Classic+BLE)
LR-WPAN	IEEE 802.15.4
USB (host)	USB A 2.0 480 Mbps
Serial	4 x RS232 serial ports (RJ45)
Power	5Vdc, 3A USB-C power adapter, PoE 802.3at
Battery	7.2V 2.6Ah (18.72Wh, 3A rate)
Operating Temperature	-20°C / +60°C
Operating temperature (in hospital)	10°C / +40°C
Recommended Battery Charge Temperature	0°C / +45°C
Storage Temperature	-20°C / +45°C
Body Case Size (LxWxH)	5.5 x 5 x 2 inches
Cooling	Fan-less cooling, no moving parts
Regulatory	UL 60601-3
Additional Features	Power/Reset Button, Charging and Status LEDs, Mini HDMI

Talis Hub
MDI 2.0
Hardware

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