



Talis Hub™

Connecting Medical Device Data
to Support Workflow



Talis
CLINICAL^{LLC}

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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	4-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.8GHz
Memory	2GB LPDDR4 (low-power double data rate) RAM
Storage	32 GB MicroSD Industrial Grade
Ethernet	1 Gigabit Ethernet, 100 Mbps USB-Ethernet
WLAN	2.4 GHz and 5.0 GHz IEEE 802.11b/g/n/ac
Bluetooth	Bluetooth 5.0, BLE (Bluetooth low energy)
LR-WPAN	IEEE 802.15.4
USB	Two (2) USB 3.0 ports, two (2) USB 2.0 ports
Serial	Four (4) RS-232 (RJ45 sockets)
Power	5VDC 3A, POE+ 802.3at
Battery	7.2V 2500 mAh
Operating Temperature	0°C / +50°C
Operating temperature (in hospital)	10°C / +40°C
Recommended Battery Charge Temperature	0°C / +45°C
Storage Temperature	-20°C / +45°C
Dimensions	L: 13.7cm, W: 14.7 cm, D: 4.4 cm
Cooling	Passive
Regulatory	Complies with: IEC 60601-1,2; 2014/35/EU1 (LVD); 2001/95/EC; 2012/19/EU (WEE); 2011/65/EU (RoHS); 2006/95/EC (REACH)
Additional Features	Indicators for port and unit status, charge light, Real time clock for date and time backup. 70mm VESA mounting, serialized QR code, anti-microbial finish.



Talis Hub MDI 3.0 Hardware



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