

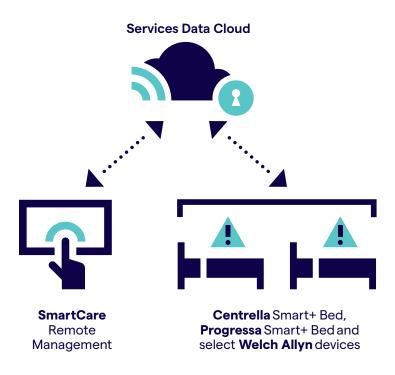
## **SmartCare** Remote Management

# REMOTE CONTROL

Take control of the health and well-being of your connected devices with powerful access and insights. A custom workflow for your organization allows you to proactively manage devices from a single, remote location.

### Maximize Uptime to Protect Your Investment and Your Staff's Time

- Deliver firmware updates remotely
- Troubleshoot with ease
- Track bed location
- Plan preventive maintenance
- Check patient in bed status
- View essential device data
- Utilize Single Sign-On (SSO) capability
- Reduce manual transcription



#### **SMARTCARE REMOTE MANAGEMENT SPECIFICATIONS**

**Centrella** Smart+ Bed and **Progressa** Smart+ Bed will communicate directly with the **SmartCare** Remote Management platform through the hospital's wireless network. The bed must be configured to connect to the hospital's WiFi network and have a password applied for the Remote Management system.

Note: No private data, including ePHI, is gathered, displayed, transmitted, or maintained. Service data and device configuration files are the only data stored or transmitted.

#### **NETWORK CONFIGURATION**

APPLICATION SERVICE	DOMAIN NAME, IP ADDRESS, PORT	PROTOCOL
Hillrom SmartCare Remote Management	https://iot.hillrom.com 52.224.38.138 Port: 443 MQTT Port: 8883	TCP (HTTPS) MQTT
File Inbound Types	*.bas, *.json	Not applicable
Single Sign-ON (SSO)	Microsoft's Azure Cloud Based Active Directory	

#### SUPPORTED BEDS AND VERSIONS

DEVICE NAME	MINIMUM SOFTWARE
Centrella Bed	Rev. 1.36.000 or greater
Progressa Bed	Rev. 1.27.0.0 or greater

Note: Progressa Smart+ Beds built prior to August 2022 may require installation of a WiFi Access Module (WAM). The WAM for Progressa must have firmware 1.1 or higher.

#### **WIRELESS CONNECTIVITY ENCRYPTION PROTOCOLS**

SECURITY PROTOCOL:	WiFi PROTECTED ACCESS (WPA)
Authentication Options:	<ul><li>Pre-Shared Key (PSK)</li><li>Enterprise (802.1X)</li></ul>
Encryption Options:	<ul> <li>Temporal Key Integrity Protocol (TKIP, RC4 Algorithm)</li> <li>Advanced Encryption Standard (AES, Rijndael Algorithm)</li> </ul>
SECURITY PROTOCOL:	WiFi PROTECTED ACCESS II (WPA2)
Authentication Options:	<ul> <li>Pre-Shared Key (PSK)</li> <li>Enterprise (802.1X)</li> <li>Extensible Authentication Protocol Types (EAP Types) EAP-FAST, PEAP-MSCHAP, EAP-TLS, PEAP-TLS, LEAP, PEAP-GTC</li> </ul>
Encryption Options:	Advanced Encryption Standard (AES, Rijndael Algorithm)

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