Product Specification

SmartHub Connect

Product Description

Belimed's SmartHub Connect is the connectivity platform for Belimed equipment. SmartHub Connect captures all cycle relevant data in real time from any Belimed machine to be further processed, either by an Instrument Tracking System or in the form of an easy-to-read PDF file.

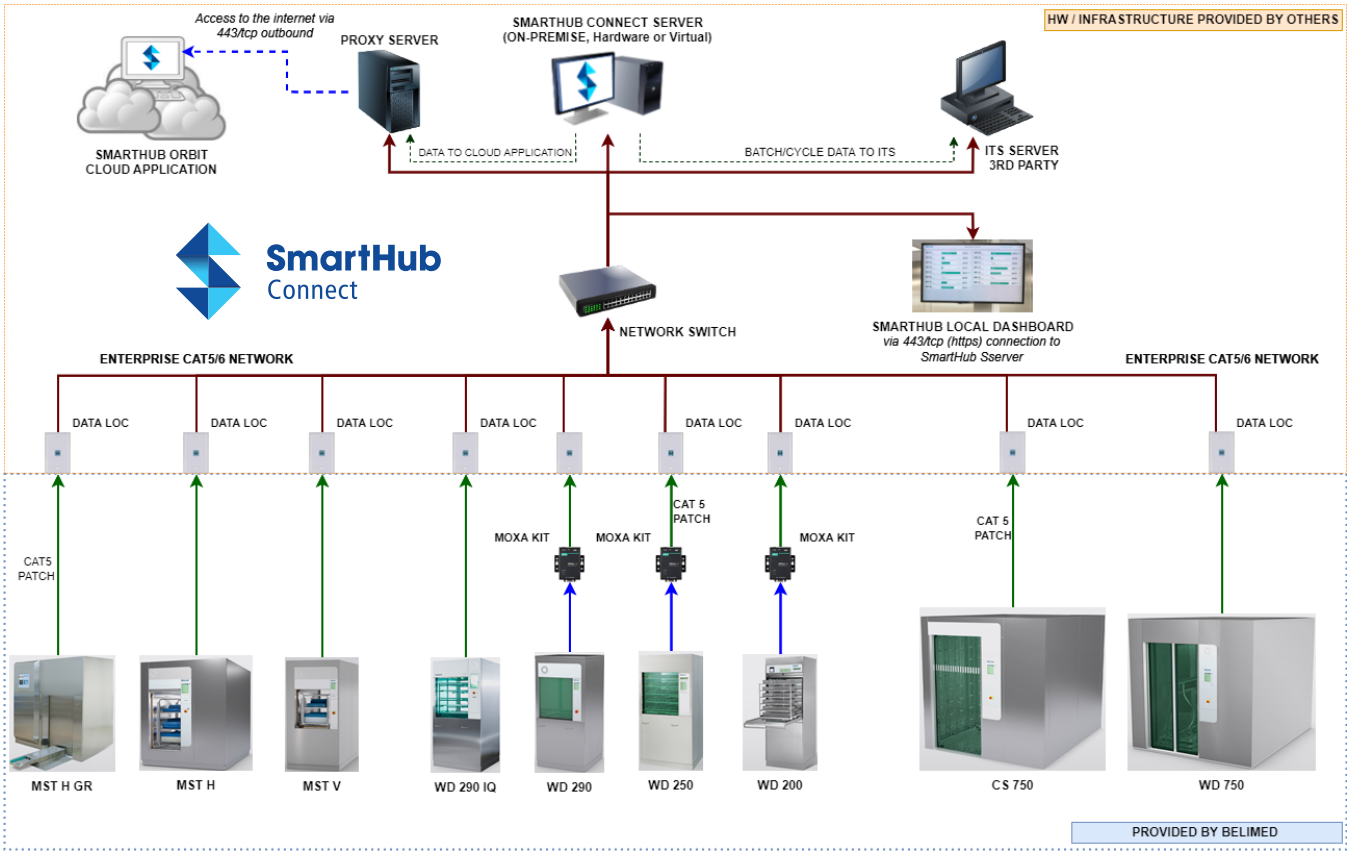
This next level of visibility of your machine data is provided by an on-site dashboard that shows the insights to the machine cycle stages.



Standard Features

- Reads and records machine cycle data from Belimed washer/disnfectors and sterilizers
- Transfers CMK files and pdf reports to instrument tracking systems.
- Basic machine data/process visualization via an optional local dashboard
- Allows multiple simultaneous instances of the dashboards via local display screens or a mobile device within the hospital network
- Single glance visibility of process stage and any process errors
- Paperless storage of historical process data
- Enables connectivity to SmartHub Orbit cloud application (Orbit subscriptions sold separately)
- Integrates with SPM, CensiTrac and T-Doc instrument tracking systems

Network Topology - On-Site Connectivity



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SmartHub 2.0 Machine Compatibility Matrix

Washers / Disinfectors	Product (Version)	Minimum Firmware	Connection Interface
	WD 200	v4.02	Interface Kit Required
	WD 250	v4.02	Interface Kit Required
	WD 290 (v09)	v4.03	Interface Kit Required
	WD 290 (v14)	v4.03	Interface Kit Required
	WD 290 IQ	ORION FW > v1.6	TCP/IP
	WD 750	v21	TCP/IP
	CS 750	v1	TCP/IP

Sterilizers	Product (Version)	Minimum PLC Software	Connection Interface
	MST-V (09.02)	v1.10.000	TCP/IP
	MST-V (09.01)	v1.10.000	TCP/IP
	MST-H (10.01)	v1.02.000	TCP/IP
	MST-H (10.02)	v1.02.000	TCP/IP
	MST-H GR	To Be Confirmed*	TCP/IP

*MST-H GR sterilizers manufactured after 2014 with upgraded SAIA PLCs can be made compatible. Please contact your Belimed account representative for more information.

For more information, visit belimed.com

Product Specification

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Server Requirements

Feature	System Requirement
Recommended Processor	Intel® Xeon® processor 2.4 GHz or higher (4 cores or greater)
Recommended Operating System	Windows 10 Pro Windows Server 2012 R2/2016/2019
Recommended PC Type (Server or Workstation)	Hardware or Virtual
Recommended System Memory (RAM)	8 GB minimum, 16 GB recommended or greater (based on OS selected)
Hard Drive	Capacity, Speed, Interface: 160 GB SSD or 7,200RPM or higher SATA or SAS *Size may vary according to transaction storage and other variables such as archives, backups, etc.
Browser	Google Chrome, Microsoft Edge, Mozilla Firefox. NOTE: Microsoft Internet Explorer is NOT supported.
Network Connection	100Mbits/sec or greater, GB recommended

Networking Requirements

Feature	System Requirement
Server Communication Ports:	
Washer/Disinfectors	Port 4001, 4002
Washer/Disinfectors (IQ)	Port 80
Sterilizers	Port 2000
Local Dashboard	Port 443/tcp outbound open on the firewall
Equipment NIC Speed	10/100 Mbps
Equipment Interface	RJ45
Broadcast Method	Unicast
MTU Size	1500
Duplexing	Auto (Full or Half Duplex)
IP Addresses	Static IP Required
Management	Managed by client IT, server must receive regular security updates, must be protected from malicious code, attacks and other threats. System, configuration, data files and database must be backed up regularly
Connections to Equipment	Must be configured by Client IT
Utility Accounts	Optional. Note: User needs to have 'logon as a service' permissions. Please provide this to your Belimed representative at your earliest convenience
Remote Access	Required as needed. Belimed BeyondTrust Privileged Remote Access OR customer provided agent (Ex: TeamViewer, Bomgar, AnyConnect, etc.)
Others	Network / Equipment asset inventory details must be provided
PHI/PII Required?	No

Ordering

For New Projects, New Sites

Part Number	Description
1053465	SmartHub Connect
1053485	SmartHub Site
1053480	SmartHub Dashboard
1053481	SmartHub Machine Connection
1054529	HW Interface Kit

Conversion - Existing ICS Customers to SmartHub 2.0

Part Number	Description
1053487	SmartHub Connect (Upgrade ICS)
1056617	SmartHub Site (Upgrade ICS)
1056619	SmartHub Dashboard (Upgrade ICS)
1053481	SmartHub Machine Connection
1054529	HW Interface Kit

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Belimed Infection Control

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