



XprezzNet Architecture

XprezzNet™ (96190) is a network interface that exports Spacelabs Healthcare patient monitoring information to external systems, such as Electronic Medical Records (EMRs), alert notification systems, remote viewing applications, and more. To enhance workflow, XprezzNet also enables automated patient-to-device association from external systems.

Intended Use

XprezzNet is a software application intended for use in the transportation, aggregation, and derivation of data between medical devices.

XprezzNet is not intended to directly monitor, diagnose, or treat patients, or to be used in the prevention of a disease or condition, nor does XprezzNet come into direct contact with patients.

Features

Available Data	<ul style="list-style-type: none"> Numerical parameter data includes both continuous and episodic values. High-resolution continuous data; typically 3- to 5-second updates, depending on the parameter. Monitored waveforms Alerts and alarm limit settings Patient demographics
Patient-to-device association	<ul style="list-style-type: none"> Associate and admit a patient to a medical device. Disassociate and discharge a patient from a medical device. Transfer patient data to various external systems. Provides demographic data to the monitoring device.

Product Specifications

Architecture	<ul style="list-style-type: none"> Windows Communication Foundation (WCF) service that exposes RESTful interface APIs to client applications. Web service that runs under IIS 10.0 or later.
Minimum server configuration recommendations	<ul style="list-style-type: none"> Windows Server 2019 and 2016 Google Chrome .NET Framework 4.7.2 (required for Windows Server 2016 only; not required for Windows Server 2019) Default website runs under IIS on SSL port 443 Spacelabs Healthcare recommends XprezzNet is installed on a dedicated server. Virtual machines must have the equivalent performance of the recommended physical machine.
Minimum server hardware recommendations	<ul style="list-style-type: none"> CPU: Intel Core i7-10759H 2.60 GHz, 12 M Cache, 6 Core, or newer Minimum memory is 16 GB RAM 300 GB of free disk space Dual network connection at 1 GBE
Server capacity	<ul style="list-style-type: none"> 180 bedside devices or Xhibit Telemetry Receivers <p><i>Note:</i> <i>Host computer hardware, network, and the third-party client can affect the ability to reach the maximum number of beds or receivers supported by XprezzNet.</i></p>
Service access	<ul style="list-style-type: none"> Requires internet connection Requires software support agreement

Licenses

Bed License, waveforms OFF	P/N 910-0270-00
Bed License Upgrade, waveforms OFF	P/N 910-0270-00U
Backup Server License, waveforms OFF	P/N 910-0270-00B
Bed License, waveforms ON	P/N 910-0271-00

Bed License Upgrade, waveforms ON	P/N 910-0271-00U
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Backup Server License, waveforms ON	P/N 910-0271-00B
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Bed License Upgrade, waveforms OFF to ON	P/N 910-0272-00U
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Compatibility

Spacelabs Healthcare products	<ul style="list-style-type: none">• Qube® (91390), Qube® Mini (91389), and Xprezzon® (91393) bedside monitors.• Xhibit® Telemetry System• Selected Flexport® Interfaces* and specialty modules. <p>* For more information, contact your Spacelabs Healthcare representative.</p>
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Network compatibility	<ul style="list-style-type: none">• TCP/IP monitoring networks only• XprezzNet can coexist with ICS Monitor Loader on the same network and communicate with the same monitors.• XprezzNet APIs are authorized for use only with applications approved by Spacelabs Healthcare. For more information, contact your Spacelabs Healthcare representative.
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Notes	<ul style="list-style-type: none">• Alert data is not intended for a real-time alarm delivery.• Data presentation on another system depends on the features and capabilities of that system.• XprezzNet is licensed in accordance with the number of interfaced bedside monitors. All bed licenses on a server must be of the same type.• A backup server license is authorized for emergencies, temporary use for production server maintenance, training, and test environments, but not for general production use.
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