



Welch Allyn Connex™

DATA MANAGEMENT SYSTEM

Specifications

Welch Allyn Connex takes a flexible approach to technology by recognizing the differing infrastructures that exist for lower-acuity settings. That's why Welch Allyn Connex relies on standard technology, in place in most facilities. Welch Allyn understands that customers collect vital signs in many areas using different workflows from spot-check readings to bedside monitoring. We've designed Connex to work the way you do—using the infrastructure you may already have.



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This lists additional equipment and software licenses that may be required to use Welch Allyn Connex.

Interfaces Welch Allyn Connex uses standards-based interoperability. Connex leverages HL7 messaging to transfer patients' vital signs and other data to your HIS and to import patient demographics from your ADT system. Additional interfaces may be required by your HIS vendor.

The Connex application is designed to work with:
HL7 revision 2.3

Workstation Computer Welch Allyn Connex is a browser-based application, meaning it can run on a wide range of computing devices. Connex is designed to leverage the most popular computing hardware, whether it's Windows®-based mobile computers or desktop workstations, and can run on most networks. Your facility provides mobile computing devices (if desired) and physical mounting of Welch Allyn vitals devices.

Connex requires the following software on networked workstations:
Microsoft Windows® 2000 Pro SP4
Microsoft Windows® XP Professional SP1
Internet Explorer® 6.0 SP1

Networks Welch Allyn Connex is a flexible solution that allows vitals to be transferred using wireless and hardwired networks. Depending on your workflow needs, Connex can be used in a wide range of wireless systems, including 802.11 a, b, and g, using your mobile computers' network connectivity.

Server A server hosts the Connex application and relays HL7 messages to and from the HIS. We recommend a dedicated server for the Connex application. The following are our recommended minimum specifications for Connex.

Hardware	Software
CPU: Pentium IV x86 dual-core 3.4 GHz or better recommended	Database: Oracle 10g or newer
Memory: 4 GB RAM	OS: Windows 2003 Server SP2 or newer
Hard Drive: Ultra320 SCSI 15,000 rpm or better	Browser: Internet Explorer 6 SP1 or newer
CD-ROM: CD-RW (any speed)	
Ethernet: 100 Mbps or better	

Barcode Scanners While barcode scanners are not required to capture vitals, they help optimize the speed and accuracy of data collection. Barcoded patient wristbands optimize the use of Connex. These scanners can work with a wide range of barcode symbologies. The Connex application has been designed to work with the following scanners:

[Hand Held Products IMAGETEAM™ scanners](#)
4600 2D Tethered
4620 2D Wireless
3800 Linear Tethered
5620 Linear Wireless

Device Connectivity Cables Your existing and new devices need Connectivity Accessory kits (one per device).
5300-170 Vital Signs Monitor Series 300
4200-17 Spot Vital Signs®
5200-170 Vital Signs Monitor Series 52000
4500-925 Spot Vital Signs® LXi