WelchAllyn™

Customer Service Bulletin

Product:	Welch Allyn Connex® Vital Signs Monitor 6000 Series™ Welch Allyn Connex® Integrated Wall System	**Date:** 2019-12-04

Subject:	CVSM/CIWS 2.42.01 SWF Release Notes

HW Version(s) Affected:	P3,P5,P6	**SW Version(s) Affected:**	2.42.00 and below
Serial Numbers Affected:	N/A	**Lot or Date Code Affected:**	N/A

Classification:	As Needed

Distribution:	☒ Customer Care	☐ Product Service	☐ Field Service
	☒ ASPs ☒ Distributors	☒ Customers	☐ Company

Training Required:	☐Yes ☒No

Document Description: CSB-CVSM.CIWS 2.42.01 Release Notes	**Document Number:** 80026042 **Version:** B
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Release Details

This is a CVSM sustaining release. The previous release version was 2.42.00. This update prevents a rare instance of network communication failures in very specific environments including high traffic and/or low WiFi strength presented in version 2.42.00 only. This does not result in any loss of data but may require additional device interaction. This Software release will be deployed via Partner connect.

Devices can be updated in the field using the Welch Allyn Service Tool (WAST). The latest Service Manual can be downloaded from our website (link below).
https://www.welchallyn.com/en/products/categories/patient-monitoring/vital-signs-devices/connex-vital-signs-monitor/documents.html

If you are upgrading from version 2.41.xx or earlier, please read the applicable directions for use:
Welch Allyn Connex® Vital Signs Monitor 6000 Series™ directions for use Software version 2.4x (DIR 80024382) available from: http://www.welchallyn.com

The Welch Allyn Connex® Vital Signs Monitor 6000 Series™ service manual 2.0X-2.4X *(DIR 80024005)* is available from: http://www.welchallyn.com

Welch Allyn Connex® Integrated Wall System service manual 2.3X-2.4x *(DIR 80023125)* is available from: http://www.welchallyn.com

For additional information on the Welch Allyn Connex Vital Signs Monitor 6000 Series visit: http://www.welchallyn.com

Hardware/Software Compatibility

It is expected that the CVSM 2.42.01 software is compatible with the below listed or newer versions until superseded by a future CVSM software update. See Table 1 below

For 1.71.03 or 2.10.01 devices to qualify for a 2.42.01 upgrade, the CVSM/CIWS must meet the minimum hardware.

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Table 1

	Compatible Versions		
Subsystem Description	Software Version	Hardware Version	Welch Allyn Part Number
Main Board		P3, P5, P6	407574-06
Braun 6000 Software	5.25	N/A	
Braun 4000 Software	1.00.03	N/A	
Lammar Comm's module	1.00.00 A0003	P2,P3	407524
Newmar Comm's module	V2	P2,P3	410389-04
Lammar Radio Software	3.00.04	MAC address starting with:00:1A:FA	406187
Newmar Radio Software	2.00.01	MAC address starting with:00:17:23	413023
Masimo SPO2	7.10.1.2	0x501	713654
Nellcor SPO2	1.00.13, 1.00.15	P3,P4	405712, 412896, 107020, 406273-01
EARLY Sense	01.06.007	P3	725692
SureTemp	2.02	P3	405701
NIBP	2.05	Rev A.	405672
ECG	1.00.05	P3	412726
CO2 Oridion	1.10.02	A01.01	412897
C02 Medtronic	1.14	P4	412897
Scale Software	1.0.26	N/A	N/A
WA Connectivity SDK	2.4	N/A	N/A
NCE	5.0.0.3	N/A	N/A
Connex CS	1.5	N/A	N/A
Configuration Tool	1.8.4	N/A	N/A
DCP Server	3.0.0.3	N/A	N/A
Data Catcher	4.0.0.20	N/A	N/A
Connex VM	2.0.1	N/A	N/A
Welch Allyn Service Tool	1.8.x.x	N/A	N/A
Welch Allyn Service Hub	2.0	N/A	N/A
Welch Allyn Service Monitor	1.3	N/A	N/A

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Upgrade instructions

Use the Welch Allyn Service Tool version 1.8.0.0 or later to update your CVSM or CIWS

1. Launch the service tool.

2. If the simple user interface screen appears, click Service.

3. Log on as ADMIN with no Password if no biomed account has been created, otherwise the biomed account may be used. The User ID is case sensitive; ADMIN must be all upper case.

4. Connect the device to the PC running the service tool with a USB cable.

5. Power on the device.

6. Highlight device on the device list tab and click select to open the device tab. If the device name is replaced with question marks it will be necessary to return the device to factory defaults before upgrading. Remember to save your device configuration and any custom data before restoring factory defaults. See the service manual for additional information.

7. Click the Upgrade Tab.

8. Select Welch Allyn Device from top row table and click the Upgrade all[1] button.

9. When Upgrade is complete[2], the upgrade table shows "No upgrade available".

10. If Chinese fonts or CA Root Certificates appear in the right-hand pane they may be added if desired.

    Note: Chinese fonts are required to enable trend printing. Add CA Root Certificates if server certificates are to be used.

11. To review the service record, select View log file from the File menu. In the popup dialog select Active log file. Service logs are archived in the servicelogs folder as follows
    Windows XP: C:\Documents and Settings\All Users\Application Data\Welch Allyn Service Tool\ServiceLogs
    Windows 7: C:\ProgramData\Welch Allyn Service Tool\ServiceLogs

12. Close the device tab to complete the service. Wait for tab to close before disconnecting device.

13. Disconnect the USB cable from the device, and power down the device, the upgrade is complete.

Footnotes

1. Upgrades are shown under available firmware. If no upgrade is available verify the PC is connected to the internet and the WelchAllynRSDSGateway service is running.

2. If an upgrade fails and the device is still available in the service tool, retry the upgrade process. If the upgrade cannot be completed successfully, contact WelchAllyn Technical Support.

Note: If there is a failure of the upgrade process, it is acceptable to attempt the upgrade process again, because a failure of the upgrade process is not a failure of the module itself.

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Summary of Prior Releases

2.42.00 Version released 5/17/2019

The software adds single sign on, support for Jadak high frequency RFID scanner, improved motion tolerance in pediatric blood pressure, and most licenses are enabled by default.

2.41.00 version released 10/16/2018

Release 2.41.01 added new features and functionality for; security, Early Warning Scoring (EWS), Newmar, Braun, Spot profile and service monitor. Improves string translations, supports use of CSM configuration tool and resolves some anomalies. Legacy devices meeting the upgrade requirements detailed in 20012631 CVSM/CIWS Minimum HW/SW Levels may be upgraded as needed.

2.40.01 version released 06/26/2018

Release 2.40.01 added security features, Newmar radio, New communications PCBA to support Newmar radio, support for Nellcor PMB05N module, updated device string translations, and software enhancements. New plugins were released for WAST to support Newmar radio, and Nellcor PMB05N module.

2.30.01 version released 11/29/2017

Release 2.30.01 added ECG alarm delay configuration zero delay to meet minimal delay requirement.

2.30.00 version released 08/01/2017

Release 2.30.00 adds Office profile, support for Braun 6000, clear button on home screen, graphical trending, clinician login caching, 3rd edition alarm compliance, single parameter trigger and address anomalies from prior releases.

2.20.03 version released 07/28/2016

Release 2.20.03 increased WPA-PSK passphrase character length to 63 characters.

2.20.01 version released 06/30/2015

Release 2.30.01 turns off backlight before initializing the graphics hardware to mask a display artifact associated with display P/N 411161.

2.20.00 version released 05/28/2014

Release 2.20.00 was a scheduled maintenance release, to address anomalies from prior releases and add feature enhancements including; new bed exit alarm melody, customer-defined custom scores and information messages, remote configuration upgrade, EarlySense* modular solution, and patient rest mode. CVSM 2.20.00 is being released concurrently with Connex CS 1.6, service monitor 1.2, and Service Dashboard 2.0 as some of the new functionality is interdependent.

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Version	Sec, Pg, Para Changed	Change Made	Date Version Created	Version Created By (initials)
A	N/A	Initial Release	2019-11-07	MDB
B	Para 2 hyperlink	Replaced hyper link with current.	2019-11-22	MDB

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