


<b>Document Description:</b> CSB-CSM 1.42.00-A0003 SWF Release Notes	<b>Document Number:</b> 80025976 <b>Version:</b> A
	
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## *Customer Service Bulletin*

<b>Product:</b>	Connex Spot Monitor	<b>Date:</b>	2019-10-26
<b>Subject:</b>	CSM 1.42.00-A0003 SWF Release Notes		
<b>HW Version(s) Affected:</b>	All	<b>SW Version(s) Affected:</b>	1.41.01 and Later
<b>Serial Numbers Affected:</b>	All	<b>Lot or Date Code Affected:</b>	N/A

<b>Classification:</b>	As Needed		
<b>Distribution:</b>	<input type="checkbox"/> Customer Care	<input type="checkbox"/> Product Service	<input type="checkbox"/> Field Service
	<input checked="" type="checkbox"/> ASPs <input checked="" type="checkbox"/> Distributors	<input checked="" type="checkbox"/> Customers	<input type="checkbox"/> Company Confidential

### Release Details

This is a CSM sustaining release. The previous release version was 1.41.01. This update provides encryption of PHI data at rest as well as minor improvement of the services for BLE. When the values sent were high systolic BP (>204) and Weight (>327kg) via BLE they would show as a negative number in the EMR application

All devices built after 11/2019 will have v1.42.00 out of the box. Devices built prior 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-spot-monitor/documents.html>

### Hardware/Software Compatibility

It is expected that the CSM 1.42.00 software is compatible with the below listed or newer versions until superseded by a future CSM software update.


<b>Compatible Versions</b>		
<b>Subsystem Description</b>	<b>Version</b>	<b>Notes</b>
CSM Main Board	Pattern E - H	409703-12; PCA, CVC Main Board
Braun Software	3.85	Software, Braun Pro6000 v3.85
Radio Software	2.00.02	Software, Newmar 2.00.02
Bluetooth Low Energy	4.0.1.1	Bluetopia Stack version 4.0.1.1 which minimally support the Bluetooth Core Specification Version 4.0 for BLE
Bluetooth BR/EDR	2.1	Bluetopia Stack version 4.0.1.1 which minimally support the Bluetooth Core Specification Version 2.1 for Bluetooth BR/EDR
Scale Software	N/A	Various manufacturers – must be WACP compatible.
WA Connectivity SDK	3.0.0.19	Software, SDK 3.0.0.19
NCE	NCE 5.1.0.16	Software, NCE 5.1.0.16
Connex	1.6	Software, CS 1.6
CSM Configuration Tool	1.8.6	Software, CSM Config Tool v1.8.6

### Summary of Prior Releases


#### **1.41.01.A0001 version released 07/09/2019**

This is a CSM sustaining release. The previous release version was 1.41.00. This update included a fix for a minor time delay for the manufacturing automated test equipment.

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<b>Document Description:</b> CSB-CSM 1.42.00-A0003 SWF Release Notes	<b>Document Number:</b> 80025335 <b>Version:</b> A
	
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<p><b>1.41.00.A0005 version released 03/10/2019</b>  This is a CSM sustaining release. The previous release version was 1.40.10. This update provides support for Service Workflow updates, Newmar Radio Updates, as well as an assortment of software anomaly fixes.</p> <p>Key updates provided in this release are noted below:</p> <ul style="list-style-type: none"> <li>• Remote upgrade and configuration from Service Monitor and view only access (VNC).</li> <li>• New Radio Software Newmar v2.00.02 <ul style="list-style-type: none"> <li>❖ Added b/g/n Radio Selection mode</li> <li>❖ Added independent FIPS Enable/Disable functionality to WPA2-Personal and valid WPA2-Enterprise Auth Modes/EAP Types, default FIPS enabled</li> <li>❖ Newmar certificate installation should encrypt password file information</li> </ul> <p><i><b>Note:</b></i> Requires the wa-updatecerts script used by WAST to create certificate PIM files be updated to the latest version. If the version of WAST that does not include the updated wa-updatecerts script, certificates <b>will not</b> successfully authenticate on Newmar 2.00.02 SW.</p> </li> <li>• Clear Patient ID in office profile save</li> <li>• Beirut Time Zone support</li> </ul> <p><b>1.40.10.A0002 version released 12/10/2018</b>  This is a maintenance release for CSM. The previous shipping production release was 1.40.00-A0002. This update provides support for 4th-Edition compliance. Supports All Device Hardware versions. Upgradeable, and down-grade-able only to 1.32.19 version.</p> <p><b>1.40.00.A0002 version released 09/19/2018</b>  This is a maintenance release for CSM. The previous shipping production release was 1.32.10-A0001. This update provides support for 4th-Edition compliance. Supports All Device Hardware versions. Upgradeable, and down-grade-able only to 1.32.19 version.</p> <p><b>1.32.19.A0001 version released 12/10/2018</b>  This is a service maintenance release for CSM. The previous shipping production release was 1.32.10-A0001. This update provides support for new Hardware based on 4<sup>th</sup> Edition Compliance. Upgradeable with new hardware only (Version G or greater). Supports ALL Device Hardware version. Can't be downgraded to any previous versions.</p> <p><b>1.32.10.A0001 version released 8/07/2018</b></p>
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This is a service maintenance release for CSM. The previous shipping production release was 1.32.02-A0002. This update provides support for 4th-Edition compliance, an assortment of software updates (detailed below), and support for the Thai language. CSM Configuration Tool has also been updated to v1.8.3 20180727 located here <https://config.welchallyn.com/configurator/>

**Update Instructions**

The 1.42.00 - A0001 software will be *auto deployed* to the Welch Allyn Service Tool (WAST). Instruction to do Software upgrades is covered in the Service Manual located on our website below. <https://www.welchallyn.com/en/products/categories/patient-monitoring/vital-signs-devices/connex-spot-monitor/documents.html>

For information about Welch Allyn product(s) and/or features, contact your Welch Allyn Sales Rep, or our Technical Support Team: [www.welchallyn.com/about/company/locations.htm](http://www.welchallyn.com/about/company/locations.htm)

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<b>Version</b>	<b>Sec, Pg, Para Changed</b>	<b>Change Made</b>	<b>Date Version Created</b>	<b>Version Created By (initials)</b>
A	N/A	Initial Release	2019-10-02	KMG