**Technical Note**

**Products:**
- CVSM – Connex Vital Signs Monitor
- CIWS – Connex Integrated Wall System
- WAST – Welch Allyn Service Tool

**Subject:** TN-CVSM/CIWS/WAST MASIMO SPO2 NOT FUNCTIONAL

**HW Version(s) Affected:**
- All models with Masimo SpO2 version MX-5

**SW Version(s) Affected:**
- CVSM/CIWS 1.7x
- Masimo MX-5 WUI version 2.1.0, Boot version 1.0.4, FW:7.10.1.2 or 7.10.7.0

**Serial Numbers Affected:**
- NA

**Lot or Date Code Affected:**
- NA

**Classification:** Informational Only

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

**Training Required:**
- ☐ Yes
- ☒ No

**Summary:** Connecting the CVSM/CIWS to the Welch Allyn Service Tool may trigger an SpO2 not functional alarm.

**Issue:** When connected to the 1.7x version of CVSM or CIWS, the WAST places the device in bypass mode to communicate with the SpO2 module. As the host is no longer communicating with the SpO2 module, the host may incorrectly trigger a technical alarm indicating that the module is not functional, also graying out the SpO2 frame. This issue did not occur with the MX-3 version of the Masimo module, nor does it occur with the 2.x host software versions. This condition is not indicative of any problem with the host device or the Masimo module and does not impact WAST’s ability to work with the Masimo module. The user can ignore the technical alarm in this situation.

<table>
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<tr>
<th>Version</th>
<th>Sec, Pg, Para Changed</th>
<th>Change Made</th>
<th>Date Version Created</th>
<th>Version Created By (initials)</th>
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<td>Initial Release</td>
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<td>EGW</td>
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