Overview

This document provides a compilation of Release Notes that have been published by Industrial Scientific. Table 1. Document Summary provides a list of version numbers, release dates, and a brief overview of each Release Notes document. Following Table 1, you will find a copy of the complete version of each document.

Document Summary

Table 1. Release Notes Document Summary

<table>
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<th>Version</th>
<th>Release Date</th>
<th>Summary of Features Added and Issues Addressed</th>
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<td>Alarms disabled when the instrument is docked</td>
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<td>Update firmware to address O2 sensor bump failures on docking station; update firmware to further address instrument communication errors</td>
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Ventis LS

v11.3 – released September 30, 2017

Upgrade Recommendation

- Critical – All instruments must be upgraded to ensure continued safe operation
- Recommended – Industrial Scientific recommends that you upgrade instruments to ensure optimal performance
- Optional – Users may choose to upgrade instruments to take advantage of new features

Upgrade Methods

Using a DSXi Docking Station, this firmware upgrade can be completed in approximately 8-10 minutes, or you can contact your local Industrial Scientific Service Center for assistance.

What is New in Ventis LS v11.3?

Alarms disabled when the instrument is docked

Audio and visual alarms are disabled when the instrument is on a docking station. [MXF-1455]

v11.2 – released April 18, 2017

Upgrade Recommendation

- Critical – All instruments must be upgraded to ensure continued safe operation
- Recommended – Industrial Scientific recommends that you upgrade instruments to ensure optimal performance
- Optional – Users may choose to upgrade instruments to take advantage of new features

Upgrade Methods

Using a DSXi Docking Station, this firmware upgrade can be completed in approximately 8-10 minutes, or you can contact your local Industrial Scientific Service Center for assistance.

What is New in Ventis LS v11.2?

Bug fix to improve reliability of man-down alarm feature
v11.1 – released February 20, 2017

Upgrade Recommendation

- Critical – All instruments must be upgraded to ensure continued safe operation
- Recommended – Industrial Scientific recommends that you upgrade instruments to ensure optimal performance
- Optional – Users may choose to upgrade instruments to take advantage of new features

Upgrade Methods

Using a DSXi Docking Station, this firmware upgrade can be completed in approximately 8-10 minutes, or you can contact your local Industrial Scientific Service Center for assistance.

What is New in Ventis LS v11.1?

Unique Man-down and Panic Alarm indicators

Man-down alarm and Panic alarm indicators are updated to be unique from gas alarm indicators [MXF-1772]

v11.0 – released June 30, 2015

Upgrade recommendation - recommended

What’s new in Version 11.0?

1. Update firmware to address O2 sensor bump failures on docking station

While bump testing a Ventis LS using a docking station, an instrument communication error can result in a failed bump test. In this instance, the docking station software will show a reading of 20.9% O2 and fail the bump test; however, a subsequent forced bump test will pass. Ventis LS firmware v11.0 addresses the intermittent communication issue within the instrument. (MXF-1057, MXF-936)

2. Update firmware to further address instrument communications errors

Firmware was updated to address Ventis LS communication errors. These errors have primarily been indicated by 404, 420, and 422 error codes. This fix will address the mentioned error codes and also assist with the O2 bump failures mentioned above. (MXF-1057, MXF-1083, MXF-920, MXF-564, MXF-781, MXF-978)

Related Products
- Docking Stations – No impact
- Desktop Software – No impact

**Ventis LS Upgrade Methods**

- Please contact your local ISC Sales or iNet representative for upgrade details

**v10.30.01 – released October 2, 2012**

Ventis LS Firmware v10.30.01 includes:

1. Update firmware to address incompatibility with new Rev C microprocessor

Ventis LS v10.3 adds compatibility with the revision C microprocessor now provided by our vendor. The firmware is backwards compatible with the prior revision B microprocessor.

2. Update firmware to minimize potential 410 error codes

A 410 error code is indicative of Previous Shutdown Not Normal.