

# RELEASE NOTE SUMMARY



## Overview

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

## Document Summary

**Table 1.** Release Notes Document Summary

Instrument	Version	Release Date	Summary of Features Added and Issues Addressed
<a href="#">RGX™ Gateway</a>	<a href="#">v1.40</a>	7/12/19	New and updated settings including beaconing mode, always on, repeater mode, and CE/RED compliance

## RGX Gateway

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### v1.40 – Released July 12<sup>th</sup>, 2019

#### Upgrade recommendation

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

*Note: iAssign Beacon functionality in the RGX Gateway is only compatible with RGX units built after May 2019. Units built before this date must be sent to a service center for an upgrade.*

#### Upgrade Methods

Once a firmware upgrade is scheduled from iNet Control and the RGX Gateway is connected to the cloud, the RGX Gateway will automatically upgrade within 15 minutes. While upgrading the power button light will blink green until complete.

#### **What's new in RGX Gateway firmware v1.40?**

- **iAssign beaconing** – Users can now set the RGX Gateway to act as an iAssign Beacon, assigning site names and restriction levels to Ventis® Pro instruments 1, 5, 20, or 30 meters away. When acting as an iAssign Beacon, the RGX Gateway will use its current site as the site it assigns to the instruments. (RGX-24)
- **Repeater mode** – When acting in repeater mode, an RGX Gateway will not relay any LENS data to the cloud. An RGX in repeater mode can connect LENS peers, fill a distance gap, or extend a LENS wireless group. (RGX-23)
- **Verizon SIM Support** – The RGX Gateway will now be orderable with a Verizon SIM. (RGX-46)
- **Always on mode** – Always on mode prevents an RGX Gateway from being powered off in the field. Once set in iNet Control, the only way to power an RGX Gateway off is to turn always on mode off, let the RGX Gateway do a settings update, and then use the power button as normal. (RGX-21, RGX-39)
- **Lower the critical data interval** – While in an alarm state an RGX can now send updates at a user defined interval between 30-300 seconds. (RGX-26)
- **Wireless radio power settings for CE/RED compliance** – This firmware update allows the adjustment of the LENS radio power to follow CE/RED compliance. The two new settings for this feature are *World Mode* and *CE/RED Compliant*. (RGX-31)
- **GDPR Compliance** – Encrypted keys and passwords to comply with the General Data Protection Regulations (GDPR). (RGX-112)

#### Enhancements and Bug Fixes

Other bugs and enhancements addressed during this firmware update: (RGX-20, 27, 28, 38, 41, 44, 48, 60, 64, 65, 66, 68, 86, 88, 95, 108, 110, 123, 132, 138, 149, 168)