

Release Notes

Sentrius™ RG1xx

Version 93.7.3.4

This document provides release notes for version **gatwick-laird-93.7.3.4** of the Sentrius RG1xx gateway as well as previously distributed release notes.

Release notes are a summary of new and enhanced features, resolved issues, and known issues that are not resolved in this version. Consult the User's Guide for details on the features of this software release.

- [Software Version 93.7.3.4](#)
- [Software Version 93.7.2.10](#)
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SOFTWARE VERSION 93.7.3.4

Released May 2018

Software part number: RGLXLT1-180525

OS: Linux

New or Enhanced Features

- Senet forwarder support built in.
- User adjustable web session timeout.

Resolved Issues

- Time field populated for TTN forwarder (12590)
- Stream US preset fixed to point at correct port (12245)

Known Issues

- LoRa debug log entries have the same timestamp, the logs are still chronological and valid. (11073)
- It is possible that, on creation of a Wi-Fi profile requiring certificates, the upload and addition of the certificates to the profile fails. In this case, close the Add Profile window, then proceed to edit the profile and re-attempt to upload the certificates. (11359)
- On the LoRa radio page, the spectrum display is smaller than intended on IE. If use is hindered, please try using either Chrome or Firefox. (11520)
- Setting IPv4 static IP address does not set the broadcast IP properly (13058)

SOFTWARE VERSION 93.7.2.10

Released March 2018

Software part number: RGLXLT1-180303

OS: Linux

Resolved Issues

- **WARNING:** When updating to this firmware version, the gateway will be set to factory default settings.
- Firmware upgrades will halt upon error, avoiding partial upgrade situations (12555)

Known Issues

- LoRa debug log entries have the same timestamp, the logs are still chronological and valid. (11073)
- It is possible that, on creation of a Wi-Fi profile requiring certificates, the upload and addition of the certificates to the profile fails. In this case, close the Add Profile window, then proceed to edit the profile and re-attempt to upload the certificates. (11359)
- On the LoRa radio page, the spectrum display is smaller than intended on IE. If use is hindered, please try using either Chrome or Firefox. (11520)
- When using the Lorient packet forwarder, the LoRa connection status will always be true or connected even if there are problems connecting to the server. (12066)
- Setting IPv4 static IP address does not set the broadcast IP properly (13058)

SOFTWARE VERSION 93.7.2.9

Released December 2017

Software part number: RGLXLT1-171212

OS: Linux

New or Enhanced Features

- **WARNING:** When updating to this firmware version, the gateway will be set to factory default settings.
- Wi-Fi Quick configuration for use in configuring the Gateway where no Ethernet is present.
- The Things Network packet forwarder support built in.
- MQTT forwarder support built in.
- LoRa packet forwarder presets for Senet.
- LoRa traffic decoding page.

Resolved Issues

- Applied KRACK fixes for WPA2 vulnerability. (12101)
- Wi-Fi & Ethernet LEDs now reflect link state correctly and displays traffic whilst connected. (10983)
- Manual setting of LoRa STD and FSK channels with a negative offset now works as expected. (11485)
- In the event of a Wi-Fi scanning failure the system will continue to scan without intervention. (11439)

Known Issues

- LoRa debug log entries have the same timestamp, the logs are still chronological and valid. (11073)
- It is possible that, on creation of a Wi-Fi profile requiring certificates, the upload and addition of the certificates to the profile fails. In this case, close the Add Profile window, then proceed to edit the profile and re-attempt to upload the certificates. (11359)
- On the LoRa radio page, the spectrum display is smaller than intended on IE. If use is hindered, please try using either Chrome or Firefox. (11520)
- When using the Lorient packet forwarder, the LoRa connection status will always be true or connected even if there are problems connecting to the server. (12066)
- Setting IPv4 static IP address does not set the broadcast IP properly (13058)

Software Version 93.7.1.14

Released March 2018

Software part number: RGLXLT1-180302

OS: Linux

Resolved Issues

- Firmware upgrades will halt upon error, avoiding partial upgrade situations (12555)

Known Issues

- If Wi-Fi is configured and auto-connects to an access point on power-up, the Wi-Fi LED may not indicate the correct status remaining extinguished. (10983)
- LoRa debug log entries have the same timestamp, the logs are still chronological and valid. (11073)
- It is possible that, on creation of a Wi-Fi profile requiring certificates, the upload and addition of the certificates to the profile fails. In this case, close the Add Profile window, then proceed to edit the profile and re-attempt to upload the certificates. (11359)
- During Wi-Fi scanning, the system may return an error SDCERROR_FAIL. On receipt of this error, the scan automatically stops; in the event that the desired access point is not listed, re-enable scanning. (11439)
- Manual setting of LoRa STD and FSK channels with a negative offset cannot be entered into the edit box directly. The arrows can be used instead to adjust the channel. (11485)
- On the LoRa radio page, the spectrum display is smaller than intended on IE. If use is hindered, please try using either Chrome or Firefox. (11520)

SOFTWARE VERSION 93.7.1.13

Released June 2017

Software part number: RGLXLT1-170630

OS: Linux

New or Enhanced Features

- Initial RG1xx release

Known Issues

- If Wi-Fi is configured and auto-connects to an access point on power-up, the Wi-Fi LED may not indicate the correct status remaining extinguished. (10983)
- LoRa debug log entries have the same timestamp, the logs are still chronological and valid. (11073)
- It is possible that, on creation of a Wi-Fi profile requiring certificates, the upload and addition of the certificates to the profile fails. In this case, close the Add Profile window, then proceed to edit the profile and re-attempt to upload the certificates. (11359)
- During Wi-Fi scanning, the system may return an error SDCERROR_FAIL. On receipt of this error, the scan automatically stops; in the event that the desired access point is not listed, re-enable scanning. (11439)
- Manual setting of LoRa STD and FSK channels with a negative offset cannot be entered into the edit box directly. The arrows can be used instead to adjust the channel. (11485)
- On the LoRa radio page, the spectrum display is smaller than intended on IE. If use is hindered, please try using either Chrome or Firefox. (11520)