

Skywire® LTE CAT1

Product Change Notification

NimbeLink Corp

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1. Introduction

Over their lifetime, Skywire® modems may incur several firmware updates provided from the module manufacturers. These updates will improve communication, fix bugs, and add features to the module and resulting modem functionality. NimbeLink will stay current with the latest firmware releases. It is recommended that customers also test and apply these new firmware versions when they become available.

The NL-SW-LTE-GELS3 Skywire modem originally shipped with firmware version 4.3.1.0. The module manufacturer issued an End of Life for this version and it is no longer available.

The NL-SW-LTE-GELS3-B Skywire modem was created to indicate this change and includes the firmware version 4.3.2.0, which has the added support for PPP over UART, enhanced AT command set, and TLS stack support not supported in firmware version 4.3.1.0. The NI-SW-LTE-GELS3-B is still available, but is not recommended for new designs.

NimbeLink is recommending customers start moving to NL-SW-LTE-GELS3-C. The NL-SW-LTE-GELS3-C Skywire modem uses a newer version of firmware version 4.3.2.0, which includes enhancements to improve SMS functionality and access to UCI firewall settings. In addition, some AT command have been fixed to work as expected, and startup time has been reduced. This is the recommended product for long-term production at this time.

2. Migration Overview

All new orders should use part number NL-SW-LTE-GELS3-C which is specific to the newest version of firmware 4.3.2.0.

Updated documentation for firmware version 4.3.2.0 can be found on the product page here: <http://nimbelink.com/skywire-4g-lte-cat-1/#docs>

Customers with existing NL-SW-LTE-GELS3 and NL-SW-LTE-GELS3-B parts can upgrade to the NL-SW-LTE-GELS3-C firmware using the firmware update procedure outlined in Application Note 30162: Skywire LTE CAT1 Release 2 Firmware Update, and Application Note 30237: Skywire LTE CAT1 Release 2 Firmware Update Using Linux. Files for the firmware update can be found at the link below:

http://nimbelink.com/Documentation/Skywire/4G_LTE_Cat_1/30162_NL-SW-LTE-GELS3_Rel2FirmwareUpdateAppNote.pdf

Customers who need to continue to use the NL-SW-GELS3-B should contact NimbeLink for long-term support. Long-term support from NimbeLink will be quoted at PO volumes with minimum orders and minimum shipment requirements. Alternatively customers may purchase the NL-SW-LTE-GELS3-C and perform the downgrade procedure outlined in Application Note 30268: Skywire LTE CAT1 NL-SW-LTE-GELS3-C to -B Downgrade Procedure, to change the firmware to the -B configuration.

3. Contact

For further information please contact NimbeLink at:

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