Skywire® NL-SW-LTE-GELS3-C Dev003 LTE CAT1

Product Change Notification

NimbeLink Corp

Updated: April 2018

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1. Introduction

Cellular network updates to support new features in 3GPP TS 36.331, Version 14.4.0 and above prevent the NL-SW-LTE-GELS3-C and prior firmware versions from reliably connecting to the network. Customers should immediately update the firmware on their devices to 4.3.3.0-35577 to ensure the devices continue to operate on the network.

All manufactured NL-SW-LTE-GELS3-C devices will include the update to 4.3.3.0-35577 and can be identified visually on the label by observing the marking "Dev003" above the part number. The firmware version can also be queried via software using the "ATI1" command.

2. Migration Overview

Summary of the changes include fixes for:

* miscoding when ELS31-V receives SMS from non-Verizon SIM sender

* RLF fixes need for MR1-V/VA certifications

* device to start in CFUN=1 and not CFUN=0 after upgrade procedure

* Random Shutdown - (B66SIB5 message decoding)

* Improved internet services stability

* Fix one glitch issue on RSRP seen in lab

All new orders can use the existing NL-SW-LTE-GELS3-C part number. Devices will include firmware 4.3.3.0-35577 and be marked with the "Dev003" identifier.

Customers with existing NL-SW-LTE-GELS3, NL-SW-LTE-GELS3-B, and NL-SW-LTE-GELS3-C parts can upgrade to the 4.3.3.0-35577 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:
https://nimbelink.com/Documentation/Skywire/4G_LTE_Cat_1/30162_NL-SW-LTE-GELS3_Rel2FirmwareUpdateAppNote.pdf

Additionally, customers can perform a Firmware Over the Air (FOTA) update if they are using the NL-SW-LTE-GELS3-C, if the device can still connect to the network, and if they have implemented the firmware-over-the-air (FOTA) process according to the application note:
https://nimbelink.com/Documentation/Skywire/4G_LTE_Cat_1/1001572_NL-SW-LTE-GELS3-C_FOTA-Guide.pdf

Due to this firmware update being required in order to maintain network connectivity, NimbeLink is no longer offering any downgrade path to older firmwares, nor new orders of older firmware versions at this time.

3. Contact

For further information please contact NimbeLink at:

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