Skywire® LTE NL-SW-LTE-S7588-V-B

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-S7588-V Skywire modem originally shipped with firmware version "RHL75xx.V.3.6.151600.201606082134.x7160_1".

Cellular network updates to support new features in 3GPP TS 36.331, Version 14.4.0 and above may prevent the NL-SW-LTE-S7588-V from reliably connecting to the network. Customers should immediately update the firmware on their devices to firmware "RHL75xx.V.3.15.151600.201802071640.x7160_1" to ensure the devices continue to operate on the network.

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

The NL-SW-LTE-S7588-V will no longer be manufactured by NimbeLink and all future orders should move to the NL-SW-LTE-S7588-V-B Skywire modem which ships with firmware version "RHL75xx.V.3.15.151600.201802071640.x7160_1".

All new and existing customers should move to the NL-SW-LTE-S7588-V-B for currently-deployed units and future purchase.

2. Migration Overview

All new orders should use part number NL-SW-LTE-S7588-V-B which is specific to the newest version of firmware "RHL75xx.V.3.15.151600.201802071640.x7160_1".

Summary of changes include:

- Numerous AT command fixes
- Numerous fixes to NCM mode
- Numerous AirPrime fixes
- Random Shutdown - (B66SIB5 message decoding)

For a complete list of changes, please see the following release notes (registration with Sierra Wireless Source required):

Firmware V.3.13 Customer Release Note -

https://source.sierrawireless.com/resources/airprime/software/release_notes/airprime_hl7588_firmware_v_3_13_customer_release_note/

Firmware V.3.15 Customer Release Note -

https://source.sierrawireless.com/resources/airprime/software/release_notes/airprime_hl7588_firmware_v_3_15_customer_release_note/

Updated documentation for firmware version "RHL75xx.V.3.15.151600.201802071640.x7160_1" can be found on the product page here: https://www.nimbelink.com/4g-lte/#docs

Customers with existing NL-SW-LTE-S7588-V parts can upgrade to the NL-SW-LTE-S7588-V-B firmware. Options for updating the firmware are outlined in Application Note 30270: Skywire LTE CAT4 Firmware Update Procedure:

https://nimbelink.com/Documentation/Skywire/4G_LTE_Cat_4/30270_NL-SW-LTE-S7588_Firmware-Update-AppNote.pdf

3. Contact

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