

Notification Date: January 26, 2018
Effective Date¹: February 12, 2018

PRODUCT CHANGE NOTIFICATION

New firmware for cellular module

Product Identification

SmartStart SL302
 SmartStart SL304

Description of Change

From the effective date, the firmware of the *Telit* cellular modules, installed in product listed above, will be upgraded to the new revision. The new firmware of *Telit* module fixes reported issue on flash memory corruption by introducing additional checking procedure of module flash memory and applying sector restore if corrupted content detected. Reported corruption of flash memory would result in communication error of the module/router requiring re-flashing of *Telit* module to operate again.

It is strongly recommended to upgrade the firmware of *Telit* cellular module for all affected routers.

Caution! The new module's firmware is only supported by router's firmware version 6.1.5 or newer. If this condition is not met, the cellular module will be not operable! For this reason, make sure the router is upgraded to the required version of the firmware before upgrading the cellular module's firmware. Also, avoid downgrading of the router's firmware in the future. The summary of the new module's firmware revisions is listed in the table below.

Product	Cellular module	Firmware revision
SmartStart SL302	Telit LE910-NA1	20.00.524 (for AT&T) 20.00.014 (for Verizon)
SmartStart SL304	Telit LE910-EU V2	20.00.403

Table 1: The new module's firmware revisions

Note: Current revision of the module's firmware installed in a router can be read out from the router's web GUI on *Mobile WAN* status page.

The upgrade of the firmware can be done by *FOTA* user module installed on the router. This module will assure the correct firmware for cellular module is chosen, downloaded and installed into the router automatically.

This module, including an application note, can be downloaded by logged-in users on *Engineering Portal* from <https://www.ep.advantech-bb.cz/user-modules#fota> address. Another source, which does not require to be logged in, is from <https://sendfiles.advantech-bb.cz/download.php?id=16&token=fota> address.

Note: Access to the Internet has to be granted for the router to download the firmware successfully.

Qualification Data

All these changes fulfill all internal quality requirements according to our Quality Management process and policy.

¹Proposed Date of First Changed Production Shipment