ADVANTECH

Notification Date: October 15, 2021
Effective Date: February 22, 2022

PRODUCT CHANGE NOTIFICATION

AT&T 3G Sunset

Product Identification

List of all Affected Products:

- **Spectre v2** (SPECTRE 3G, SPECTRE LTE-AT)
- **SmartStart** (BB-SL302)
- **SmartFlex** (BB-SR310)
- **ICR-3200** (ICR-3241)

Issue Description

Detailed Description of the Issue: AT&T Inc., the US-based telecoms company, plans to end service on its 3G wireless networks on February 22, 2022. If you do not use the AT&T SIM cards, you are not affected by this issue.

Anticipated Impact

Detailed Description of the Impact: After shutting down the 3G networks, only devices having at least the 4G capability will keep working. Table 1 lists all of the NAM routers describing the state with the AT&T 3G Sunset.

Product Family	Product Name	Cellular Module	Functional	Comment
Spectre v2	SPECTRE 3G	Gobi 3000	❌	no solution available, AT&T network support terminated
	SPECTRE LTE-AT	Sierra Wireless MC7700	❌	no solution available, AT&T network support terminated
	SPECTRE LTE-VZ	Sierra Wireless MC7750	✅	does not support AT&T at all, not affected
SmartStart	SL302	Telit LE910-NA1	⚠️	firmware upgrade required
SmartFlex	SR305	Cinterion PLS8-X	✅	not affected, no action required
ICR-3200	ICR-3211B	Quectel BG96	✅	not affected, no action required
	ICR-3241	Quectel EC25-AF(D)	⚠️	firmware upgrade required

Table 1: NAM Routers Overview – AT&T 3G Sunset State

Actions Taken

Detailed Description of Actions to be Taken: Following solutions are available for the routers requiring the firmware update (as stated in Table 1):

- Recommended solution is to update the **cellular module firmware** to the required version. See Table 2 for the required cellular module firmware version[1].
  - Routers connected to the Internet can use the FOTA Router App to update the module firmware automatically.
  - Routers with no Internet connection can be updated manually or automatically using a custom file server with the FOTA server installed[2].

Cellular Module	Module Firmware Required
Telit LE910-NA1	20.00.528
Quectel EC25-AF(D)	EC25AFFDR07A10M4G

Table 2: Required Cellular Module Firmware

- Another possible solution to preserve the module connectivity is updating router firmware to version 6.3.2 or higher. This solution is not suitable for *Quectel EC25-AF(D)* and *Quectel-EG25-G* cellular modules when *AT&T* and *Verizon* SIM cards are used simultaneously. Update the cellular module firmware in this case.

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[1]The cellular module firmware version is displayed in the router GUI (*Status -> Mobile WAN -> Mobile Network Information*).

[2]Contact Regional Support to get help with this scenario.