

>> | ALEOS 4.11.2 Release Notes

ALEOS 4.11.2 is for AirLink MP70 Series routers and RV50 Series gateways.

New Features

Radio Module Firmware

Updated firmware for the following radio modules:

EM7565:

- Generic: 01.08.04.00

EM7511:

- Generic: 01.07.02.00
- AT&T: 01.07.02.00
- Verizon: 01.08.04.00

MC7455:

- Generic: 02.30.01.01
- Verizon: 02.30.01.01
- AT&T: 02.30.01.01
- Sprint: 02.30.01.01

MC7354:

- Verizon: 05.05.58.00

MC7430

- Telstra: 02.30.03.00
- Generic: 02.30.03.00
- Docomo: 02.30.03.00
- KDDI: 02.30.03.00

FirstNet Support

MP70: Added support for FirstNet for MP70s deployed with the MC7455 radio module

Wi-Fi

802.1x Authentication: Added an option to select using PEAP Authentication with or without a Client CA Certificate. By default, using the certificate is required.

Vehicle Telemetry

Added Direct Vehicle Bus (CAN) Detection Algorithm, allowing you to select the CAN bus parameters (protocol and baud rate) for applications. The default setting is Auto Detect Only, which will automatically detect the CAN bus parameters when connected to a vehicle.

GPS

Added a new button, GNSS Reboot Watchdog, under Location. This feature disables GNSS-related reboots when the watchdog is disabled

Serial

RV50: Added TCP Persistent Connection settings to introduce an auto-connect mechanism for TCP PAD mode.

AirLink Application Framework

MP70: Added GenX Companion mode support, which extends the telemetry functionalities of the router by:

- providing J1708 protocol support
- or–
- using the MP70's WAN connection to send GenX telemetry data to external servers.

Note: This feature will be supported after an upcoming GenX software release.

Added a UART Check setting when Serial Port Reserved is enabled for AAF.

Bug Fixes

WAN/Cellular

RV50: Response to Incoming Ping is now working correctly when set to either ALEOS Responds or Pass to Host.

RV50: Resolved an issue where "Switch Active SIM" was not working consistently.

VPN

Resolved issues that led to improper operation of VPN failover.

RV50: Resolved an issue where the primary or secondary VPN did not reconnect after a cellular connection outage, when VPN Failover was used.

GPS

RV50: Addressed the GPS 2019 Rollover issue by ensuring that GPS time used for NMEA and system time remains accurate after a GPS system offset reset occurs.

Serial

RV50: Resolved an issue where serial data on DB9 during startup caused the device to reboot.

Resolved an issue where an initial attempt to establish a PAD connection to an FQDN would fail when serial was in TCP or UDP mode.

Events Reporting

Messages in the Type, Length, Value (TLV) format now contain "seconds" in the time field.

Resolved an issue where two digital inputs being triggered together generated only one event report.