AirLink Vehicle Telemetry Application (AVTA) 1.3.0 Release Notes

AirLink Vehicle Telemetry Application (AVTA) 1.3.0 is a minor update to the AVTA AAF application. It provides support for reporting of WAN links, among other items.

Note: The new features available with this release are compatible with ALEOS 4.13.0 or later.

Compatibility with ALEOS 4.13.0

AVTA 1.3.0 remains backwards compatible with ALEOS 4.11.x; however the new features are only available with ALEOS 4.13.0.

This update is intended for use with AirLink MP70 and LX60WT devices. LX60WT telemetry support has been added with ALEOS 4.13.0.

New vehicle data items that are supported are described in the application note 41113281 Using AirLink Vehicle Telemetry Configuration r3, available on the Source.

New Data Items

AVTA 1.3.0 adds the new data items described below. The new items are reported on startup, and whenever the WAN link changes.

For cellular WAN links:

- The name of the cellular provider—***Carrier*/atp.crr**
- The radio technology in use—***Cell Radio Type*/atp.rat**
- The band in use—***LTE Band*/atp.lteb**

For Wi-Fi WAN links:

- The device Wi-Fi radio in use—***WAN Wi-Fi Radio*/atp.wwan**
- The name of the upstream SSID in use—***WAN Wi-Fi SSID*/atp.wssid**

Miscellaneous item:

- The ignition-on event is now sent with GPS co-ordinates (if available).

  It is possible to configure the GPS location data to be sent as often as once per second (the actual frequency of reporting may be affected by the device and network conditions)

Certificate Management

AVTA 1.3.0 supports secure SSL connections to an MQTT broker using certificates. For more information, please contact Sierra Wireless Professional Services.

Note: SSL and certificate connection is intended for connecting to third-party MQTT brokers only. The functionality added in this release does not apply if you use AirVantage or AMM for reports generated by AVTA.