



»» AirLink Vehicle Telemetry Application (AVTA) 1.0 Release Notes

AirLink Vehicle Telemetry Application (AVTA) 1.0 is only for AirLink GX450 gateways. It is not compatible with AirLink LS300, AirLink RV50, AirLink GX400, or AirLink ES Series Gateways.

AVTA 1.0 is available on the AirLink Management Service (ALMS) as a public application. It requires the supported gateway to be running ALEOS 4.5.1 or higher.

Key Features

- Supports B&B Electronics OBD-II Streamer (Model: LDVDSV2CAN-S)
 - The scanner and cable accessories are included in the OBD-II Telemetry Scanner Kit available from Sierra Wireless.
- Supports remote firmware upgrade of the OBDII streamer
- Installable and configurable via AirLink Management Service (ALMS)
- Sends the following vehicle diagnostic parameters on configured time interval to 3rd party management systems and ALMS via MQTT:
 - Vehicle Speed
 - Engine Speed
 - Throttle Position
 - Odometer
 - Fuel Level
 - Engine Coolant Temperature
 - Ignition Status
 - MIL Status
 - Fuel Rate
 - Battery Voltage
 - PTO Status
 - Seatbelt Fastened
 - Misfire Monitor
 - Fuel System Monitor
 - Comprehensive Component Monitor
 - Catalyst Monitor
 - VIN
 - Heated Catalyst Monitor
 - Evaporative System Monitor
 - Secondary Air System Monitor
 - A/C System Refrigerant Monitor
 - Oxygen Sensor Monitor
 - Oxygen Sensor Heater Monitor
 - EGR System Monitor
 - Brake Switch Status
 - Ambient Air Temperature
 - Trip Odometer
 - Trip Fuel Consumption
 - Tire Pressure Monitoring Status
 - Tire Pressure
 - Transmission Fluid Temperature
 - Scanner Disconnection
 - Oil Life Remaining
 - Distance Since DTC Cleared
 - Diagnostic Trouble Codes (DTCs)

Note: Parameter support is vehicle dependent. Refer to the supported vehicle list on the Source (<http://source.sierrawireless.com>) to determine which parameters are available for your vehicle.

- Reports real-time GPS location information to 3rd party management tool and ALMS via MQTT
- Retains data for future transmission when connection to management tool is not available due to lack of availability of the WAN link.

Known Issues with 1.0

- The X-Card Serial Port will not work with the vehicle telemetry application. The main rear-panel serial port must be used.
- The current value of each configuration item is not displayed in ALMS. Values can be inferred based on the applied template configuration and user documentation.