

CAN-2-Cloud System



Nexcomm System's CAN-2-Cloud is a fully integrated solution that includes hardware, firmware, cellular data and web-based software in a single, cohesive system. The system accepts a list of CAN messages to be monitored and how often each one should be reported. The monitored messages are then pushed up to the cloud where the data are displayed, reported and graphed as desired.

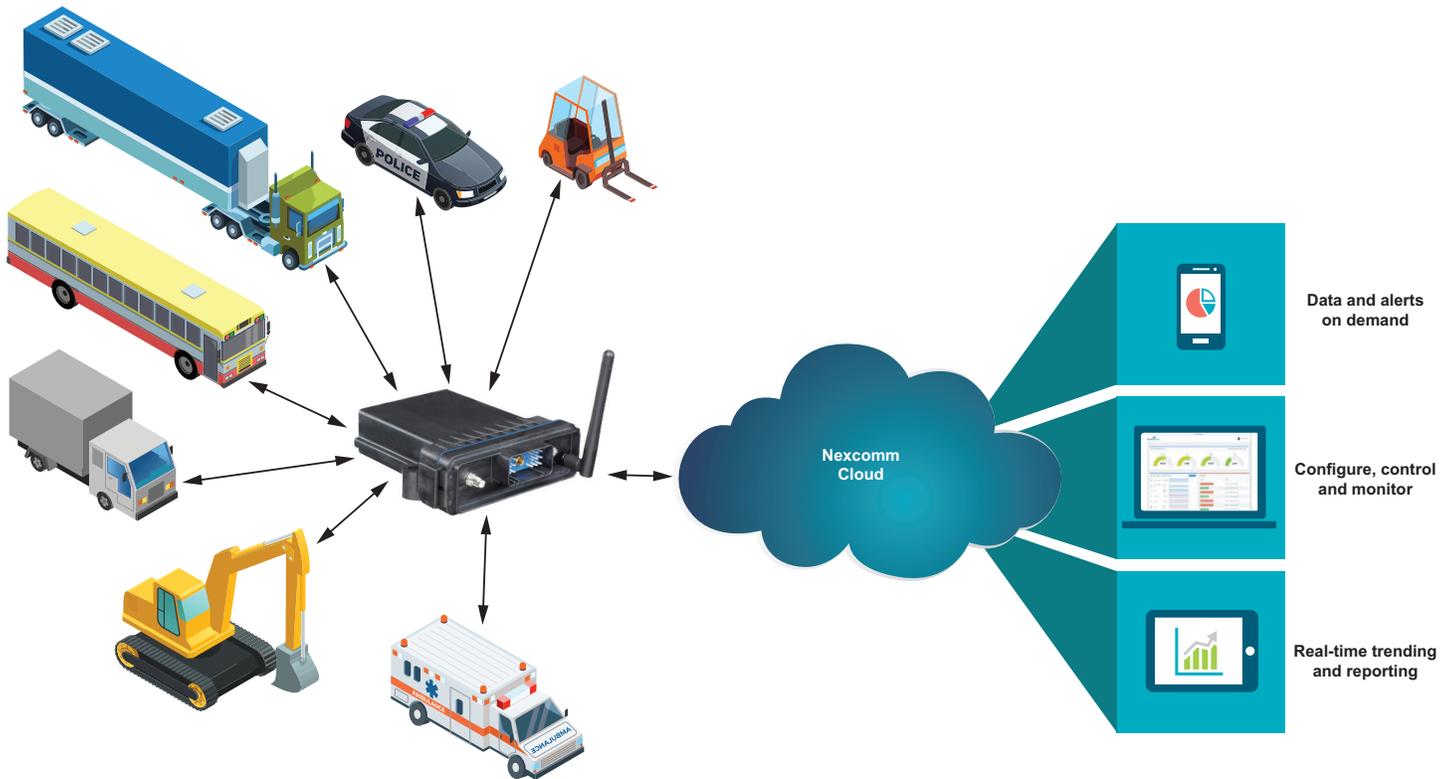
The system is connected to the cloud using the latest cellular technology. This provides real-time monitoring of the equipment from a PC or smart device anytime, anywhere. The system becomes a tool for preventative and predictive maintenance as well as remote diagnostics when a problem does arise.

The system also includes RS-232, RS-485 MODBUS, Dallas 1-Wire and wireless sensor connectivity. There are five 0 - 10V digital inputs with three of them capable of being current sink outputs. Housed in an IP68 enclosure, the CAN-2-Cloud system can replace several independent devices with a single box.

Benefits

- GPS is included in the system, allowing for real time tracking of the equipment as well as providing a time stamp for the data if needed.
- The system is manufacturer agnostic, so it can read messages from any CAN system at a much lower cost than competitive options.
- The system provides data to perform predictive maintenance as well as schedule preventative maintenance, reducing down time and saving money.
- Save time, money, and effort with remote diagnostics of equipment in the field.
- Change operating setpoints when changing accessories.
- Integrate with wireless sensors to expand monitoring capabilities.
- Monitor how operators are using the equipment, providing opportunities for training and reducing wear on the equipment.





ConnectPoint Mobile Specifications

Electrical

Operating Voltage: 9 to 36VDC, reverse polarity and load dump protected

Communications:

One CAN bus channel

One Dallas 1-Wire channel

RS-485 Modbus, RS-232

Cellular: LTE, CAT-M1

GNSS location services

ZigBee, Thread, Bluetooth, Wi-Fi, proprietary 900MHz (options)

Inputs:

Five 0 to 10V digital

Outputs:

Three 300mA current sink

Environmental:

Operating temperature: -20°C to +70°C (-4°F to +158°F)

IP69

Other:

3-axis accelerometer

