High-LINK® Integrated Systems

point one - telematic data gathering for fleet vehicles

HT-6108

High-LINK® Integrated Systems couple superior steel tank products with state-of-the-art electronic management equipment and proprietary software providing real-time data to optimize any liquid transfer and use operation.

PRODUCT DETAILS

Point One is an advanced data mining device designed to retrieve engine and vehicle data where an ECM/onboard computer is available. Point One is used for management of maintenance, fuel usage, and fleet operation.

The software analyzes data to help preventive and predictive maintenance plans that can greatly reduce fleet maintenance, operation costs, and provide better customer service. Point One data is also used in collaboration with GPS tracking for comprehensive fleet management.

Unlike other data mining devices, Point One can be customized to retrieve unlimited codes available through the vehicle controller area network (CAN) bus.

It allows the end user to retrieve the most relevant information for specific equipment and designated task.

Since telematics cover a wide range of issues, Point One is often supplemented by specific telematic components allowing Highland Tank to meet the most exact needs of any end user.

Features & Benefits

- Monitor engine hours, odometer, speed, RPMs, coolant temperature, oil pressure, fuel consumption, DTC or fault codes, and more
- Installs inside the vehicle and connects to the engine OBC custom sensors' I/O devices
- Connects to a power supply and has its own internal battery
- Data can always be stored, analyzed, displayed, and reported through the High-LINK® web-based software
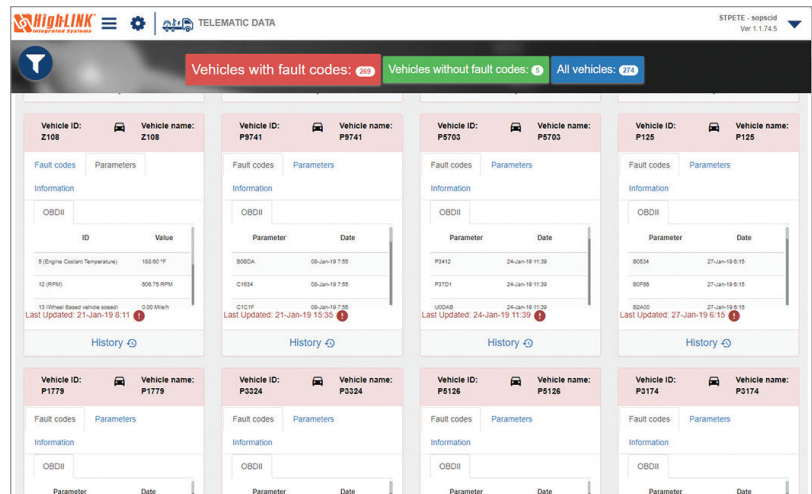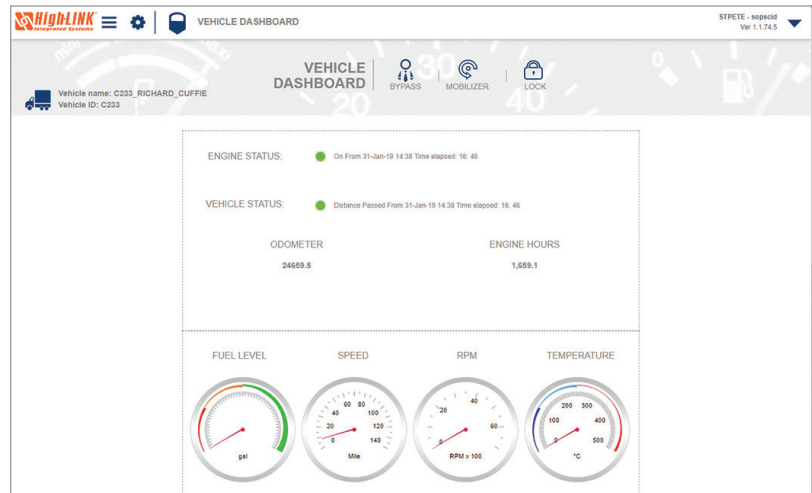
MEASURE • MONITOR • MANAGE

Point One Data Collection Points

Point One comes with 30 pre-configured CAN bus codes but the end user can add an unlimited number of additional codes (that are available on the CAN bus) to meet the specific needs for specific equipment and task. Examples include:

- Engine hours
- Odometer reading
- Over the road speed
- Oil temperature
- Coolant temperature
- Instantaneous fuel consumption
- Accelerator position
- Boost pressure
- Transmission output speed
- Transmission direction—forward, reverse, neutral
- Brake pedal position
- Key switch position
- Battery voltage
- Oil pressure
- Attention/warning indicator lights
- Water in fuel indicator
- Intake manifold temperature
- Retrieve the most accurate and valuable data from the in-vehicle fuel gauge
- Unlimited additional CAN bus codes (J1939, J1709, ODBII)
- Multiple additional input based on I/O configuration and connectivity with third party

Point One Module Specifications

- 7.5 VDC to 40V with standby current 20MA
- Eac2h Internal backup battery gets 10 years of data retention
- Enclosure dimensions: 5" x 3.5" x 2.25"
- GPS (position only, Advanced version includes navigation)
- Radio antenna

- Radio data transmission
- Advanced version features
  - Monitor port
  - 2 digital I/O
  - 2 analog I/O
  - One RS232
  - GPRS