BLEG
Bluetooth Low Energy Gateway

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Connecting Innovations

MULTIPLE SENSORS MANAGEMENT

Practical multiple sensors integration and supervision

Overview

The practical connectivity of multiple sensors in the automotive transport sector is an opportunity for growth and expansion capacity of telematics solutions integrated in the fleet.

Multiple sensors monitoring is essential to provide fleet management a practical solution to keep the fleet technology updated to the demands of their customers.

Problem

The integration of new sensors on the vehicles is a high cost and long installation time consuming process when you don't integrate a practical connectivity solution.

Driving digital transformation is the main challenge automotive transport companies are facing in order to maintain efficiency, competitiveness and profitability in the fleet operation, through the digitization of processes and services integration between different technologies.

- How to integrate and implement a specific sensor to the telematics ecosystem?
- How can we integrate a comprehensive solution that allows us to measure different variables and accessories in the fleet?
- How can I get the measurements from multiple sensors at the same time?
- How often do physical failures in connections and harnesses happen?

Solution

To meet this challenge and provide carriers a practical solution for new sensor integration, Didcom has developed a real time multiple sensors monitoring system with Bluetooth Low Energy sensors.

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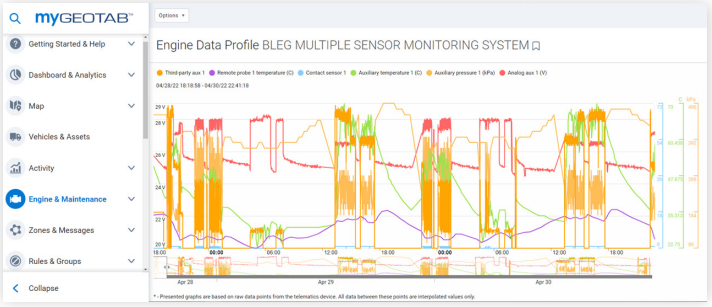
Integrate practical multiple sensors monitoring on every vehicle to fleet owners management by providing valuable and actionable data to improve productivity and safety on the operation, facilitating rules and notifications configuration.

Variety of sensors, for various solutions:

- DC Voltage
- AC Current Consumption
- Suction & Discharge Pressure
- Mass Air Flow
- Temperature
- Humidity
- Movement
- Contact I/O
- Digital input
- Beacon ID
- Many others...



Benefits

Monitor multiple indicators in a practical way and guarantee efficiency and performance on the fleet operation through multiple wireless bluetooth sensor monitoring to focus on enhancing information intelligence in the fleet.

This solution makes it fast and easy to integrate multiple sensors adaptable to your fleet demands and customers requirements.

- All time operation indicators control
- Reduction of costs due to operation deficiencies
- Detail operation audit along the trip
- Prevention of safety risks and deficiencies
- Correction of deficient performance indicators

Features

The multiple sensors log records are obtained through Didcom BLEG and transmitted in real time via the GO device, which will send all the information to MyGeotab.

- Fully integrated to myGEOTAB functionality
- Rules and notification settings configuration
- Bluetooth 5.0 technology
- Up to 30 sensors connected simultaneously

- 100% autonomous sensors with configurable intervals for measure and record
- Up to 10 years autonomous battery operation
- Easy connection to Geotab GO via IOX
- Quick and easy installation

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