



FUEL LEVEL MANAGEMENT

Efficient fuel usage and performance

→ Overview

Fuel efficiency in the automotive transport sector is a key indicator of the fleet operation that directly influences the business profitability.

Fuel level monitoring is essential to dispose of a detailed analysis of the fill-ups and fuel usage to detect critical trends, helping to correct and define the adequate consumption levels to reduce costs in the day-to-day operation and for staying in compliance with environmental regulations.

→ Problem

Fuel is one the largest operational costs in your fleet and it can highly reduce the business profitability when it is not monitored properly and frequently.

Excessive fuel consumption and possible fuel theft or extractions are some of the major challenges for automotive transport companies due to the fleet managers' limitations to monitor and validate fuel usage on the fleet's daily operation.

- What is the vehicle's current tank fuel level?
- What is the vehicle fuel average use on a certain trip?
- How many gallons of fuel does the station actually fill the vehicle?
- Where did the fuel dramatically decrease along the trip?

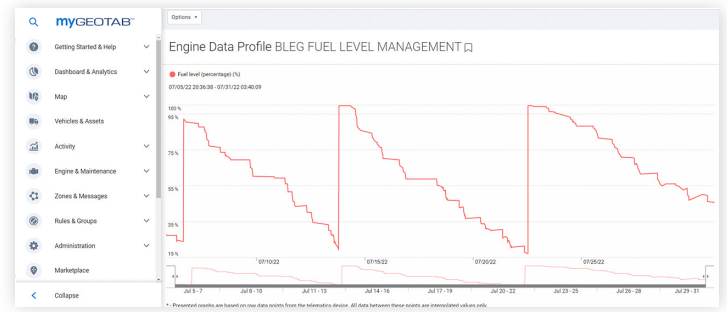
→ Solution

To meet this challenge and enable carriers to ensure control of fleet fuel usage, Didcom has developed a real time fuel level monitor management solution with Bluetooth Low Energy sensors.



Provide precise traceability of the fuel usage to fleet owners management by validating correct fill-ups and preventing theft through status reports and notifications, with behavioral analysis of parameters that directly influence its result.

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



→ Benefits

Supervise and ensure the right fuel consumption and performance through fuel level monitoring with bluetooth wireless fuel level sensors to identify bad operation practices and deficient driving habits to correct and standardize responsible fuel usage levels.



All time fuel level traceability



Validation of every fuel fill-up on the vehicle



Detailed fuel usage audit along the trip



Prevention of possible fuel thefts or extractions



Mitigation of excessive fuel usage expenses

→ Features

- Fully integrated to myGEOTAB functionality
- Rules and notification settings and configuration
- Operating mode Bluetooth LE (BLE)
- Up to 2 fuel level sensors (tanks)
- 100% autonomous sensors with configurable intervals for measure and record



- Different sensor length options from 1 to 6 meters
- Up to 5 years autonomous battery operation
- Measurement error in the operating environment not more than 1%
- Easy connection to Geotab GO via IOX
- Quick and easy installation