ERESENSE
SenseTheWorld

EreLite

Fuel Cloud Management Platform

The EreLite Fuel Cloud Management System was developed to enable customers with limited budgets to monitor the fuel consumption of their company vehicles using only their mobile phones, eliminating the need for additional hardware. The primary objective of the system is to establish a control mechanism accessible through web interfaces, processing data into cloud-based databases rather than relying on Excel spreadsheets traditionally used for fuel record-keeping.

QR Code Vehicle Identification
Cataloging all business vehicles using QR codes.

Mobile Phone Data Entry
Fuel monitoring through mobile devices without the need for additional equipment.

Cloud Control
Monitoring the fuel levels of all vehicles on the Earth's surface from a single cloud-based interface.

ERP Integration
Integration with the company's ERP and accounting systems

System Attributes

- Vehicle Fuel Specifications
- Vehicle Speed Information
- Universal Access through Cloud
- Fuel Consumption Analysis
- Customer Vehicle Interfaces
- Rapid Installation and Commissioning

- Integration with Company ERP Software
- Issuer / Recipient Identification Information
- Pay-As-You-Go Business Model
- Vehicle-Based Fuel Consumption Graphs
- Optional Columns for Enterprise ERPs
- Executive Summary Displays

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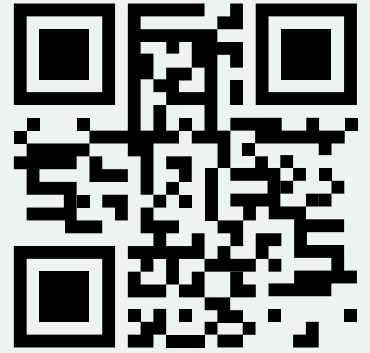
System

The QR code generated uniquely for each vehicle by the system is printed on adhesive paper and affixed to the vehicle's quarter window. Following the fueling process, the operator scans the vehicle's QR code label using a mobile phone. This enables the system to identify the vehicle. The operator then scans the quantity of fuel dispensed to the vehicle, the meter totalizer reading, and any optional identities of the giver and receiver, subsequently transmitting this information to the server.

Fuel data sourced from various global locations are recorded in databases on the server and prepared for access by the relevant personnel. Those responsible for managing the fuel information can download it to their personal computers in PDF or Excel format after reviewing the fuel lists displayed on the screens they access using their individual password credentials.

All fuel data is retained in the system for decades, allowing for retrospective reviews and analyses. If the vehicle's kilometer and/or hour information is entered into the data entry following fueling, the vehicle's fuel consumption graphs and average fuel consumption figures can be presented with remarkable precision.

If desired, data can be incorporated into the company's ERP and accounting systems and synchronized with these platforms.

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