ERESENSE
SenseTheWorld

EreNet

Factory Fuel Automation System

Factory Fuel Automation System (EreNet) has been developed for businesses with small vehicle fleets, such as factories, agricultural farms and concrete plants, and low budgets where vehicle km/h information is not very important. In the system, the fuel purchase process is performed by CMO7 control modules by scanning the RFID cards of the vehicles defined at the pumps. The system operates with an annual subscription pay-as-you-go business model via web screens.

Pump Automation

Reporting of fuels delivered from fixed pumps to servers in the cloud system

Tanker Automation

Reporting of fuels delivered from tankers to servers in the cloud system

Tank Automation

All fuel tanks of the company spread around the world can be viewed on a single screen.

Vehicle Recognition

Vehicle recognition system with RFID devices installed in the entire construction site vehicle fleet, including generators

System Features

- ✔ Tanker Fuel Automation
- ✔ Tank Fuel Automation
- ✔ ERP / Accounting Software Integration
- ✔ Daily, Monthly or Deposit Limits
- ✔ Self Service Type Working Principle
- ✔ Modular Structure of Construction Sites

- ✔ Pump Fuel ›Automation
- ✔ Automatic Density Calculation of Fuel Given
- ✔ Km/Hour Tracking via Vehicle Tracking
- ✔ Live Fuel Tracking with Virtual Tank System
- ✔ Fully GSM Based Mobile System
- ✔ Monitoring from Web Screens in the Cloud

Contact Us for Data Information

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System

Eresense CM07 control modules that authorize defined vehicles are installed on pumps in the system. The vehicle driver obtains authorization from the pump by reading the RFID card in the key fob format, and vehicles that are not authorized in the system cannot receive fuel. As soon as the pump completes the fuel delivery process with the authorization it receives, CM07 performs an ATC (Consistency) correction on the fuel delivered to the vehicle and transmits it to the server.

Personnel related to the fuel system can examine all fuel data from web screens they can access from anywhere in the world and download them to their own computers in line with the authorities granted to them.

The system can be integrated into company ERP / Accounting programs with special interfaces and can be used in mobile tankers in addition to fixed pumps.

With the very sensitive level sensors installed on fuel tanks, personnel can see their tanks spread all over the world on a single screen, examine past tank movements, and compare them with the fuels supplied.