DOVER
FUELING SOLUTIONS

OPW
FUEL MANAGEMENT SYSTEMS

AUTOMATIC VEHICLE IDENTIFICATION

Security. Control. Accountability.

Secure and simple fuel control.
We've got you covered.

OPW Fuel Management Systems can provide your fleet with the highest level of fuel security, accountability, control and convenience. Through the technological development of a range of highly sophisticated parts, the service can prevent fleets during unattended fueling operations, by automatically capturing and transmitting data. The service is ideal for municipal, school and military fleets, as well as sanitation, utilities and other private fleets.

❶ Passive vehicle tag

The passive vehicle tag adapts easily to any vehicle to easily mount around the fill pipe and allows instant indentification to the vehicle to which it is fitted.

❷ Radio Frequency Nozzle ("RFN")

Wireless transceiver mounted to nozzle, which reads the vehicle tag and transmits the information to the vehicle identification system.

❸ Vehicle Identification Device ("VID")

The VID reads the vehicle mileage via the GPS Odometer Sender ("GOS") or OBD connection, which is also able to read diagnostic data.

❹ Vehicle Identification System ("VIS")

Traffics data with the RFN and VID while integrated with the OPW FSC3000™ fuel site controller. Compatible with Phoenix™ fuel management software.

Secure

The system provides a fool-proof way to prevent high-cost cases of fuel theft.

Fast

With no manual data entry needed by drivers, vehicles can pull-up, fill-up and go.

Accurate

Real-time data capture, including vehicle identification, optional driver verification and optional mileage, is 100% correct, every time.

Automatic

The system does not require activation devices, such as cards, which are easily lost, to authorize fueling.

How the system works

Connection

The OPW Automatic Vehicle Identification system is connected to the OPW FSC3000 Fuel Site Controller, which controls the fuel dispensers.

Activation

When the nozzle is removed from the dispenser, the handle lift is detected and signals the VIS to activate the RFN.

Location

The RFN seeks to locate the passive vehicle tag on the fill pipe, and once connected, transmits information to the VIS, reporting the vehicle's tag number.

Confirmation

The VIS optionally queries the VID to get the odometer or engine hours reading.

Reconciliation

The OPW Automatic Vehicle Identification solution combines the odometer and engine hours readings with optional driver data, captured via a key fob.

Validation

The FSC3000 validatas the information and then activates the dispenser.

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