

Automatic Vehicle Identification

Part of OPW's new PV Family of Fuel Control Solutions, Automatic Vehicle Identification (AVI) is the definitive answer to definitive fuel control and data capture. AVI enables drivers to pull up, fuel up and go, and it provides fleets the highest level of fuel security, accountability, control and convenience.

Through a package of four components – a Passive Vehicle Tag, Radio Frequency Nozzle (RFN), Vehicle Identification Device (VID) and Vehicle Identification System (VIS) – OPW's AVI delivers seamless authorization and tracking. These capabilities make it an ideal solution for fleets that support their own unattended fueling operations such as municipal, school and military fleets, as well as sanitation, utilities and other private fleets.

The system captures accurate vehicle identification data without driver input every time an AVI-equipped vehicle fuels up. The optional VID enables vehicle mileage and other vehicle data to be captured. Further, driver identification may be captured at the island terminal or by presenting a key fob at the RFN.

To learn more about the PV Family of Solutions, please visit www.opwglobal.com/PV-Family.

Automatic Vehicle Identification



PASSIVE VEHICLE TAG



RADIO FREQUENCY NOZZLE (RFN)



VEHICLE IDENTIFICATION DEVICE (VID)



VEHICLE IDENTIFICATION SYSTEM (VIS)



Secure

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, fillup and go



Accurate

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



No Cards

System doesn't require activation devices such as cards, which are easily lost, to authorize fueling

Features

Passive Vehicle Tag

- Adapts to any vehicle to easily mount around vehicle's fill pipe
- Non-destructing tags can be transferred to a new vehicle. Self-destructing tags cannot be removed.

Radio Frequency Nozzle

- Wireless transceiver mounted to nozzle
- Reads passive vehicle tag and transmits information to the Vehicle Identification System

Vehicle Identification Device (VID)

- Pick up vehicle mileage via the GPS Odometer Sender (GOS)
- Pick up engine hours

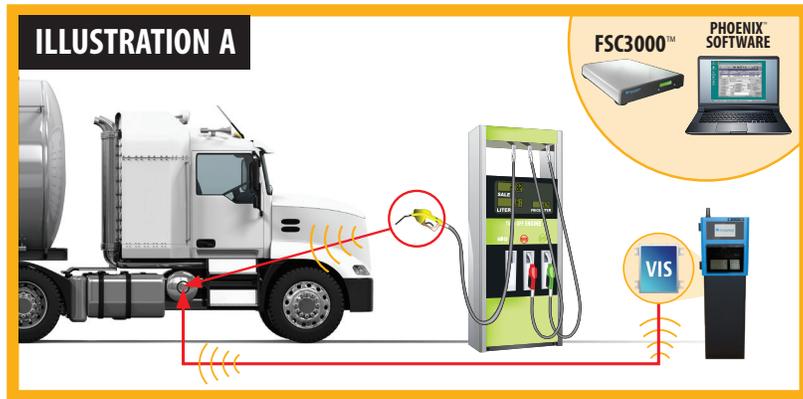
Vehicle Identification Device (VIS)

- Traffic data with the RFN and VID while integrated with the FSC3000™
- Compatible with Phoenix™ fuel management software

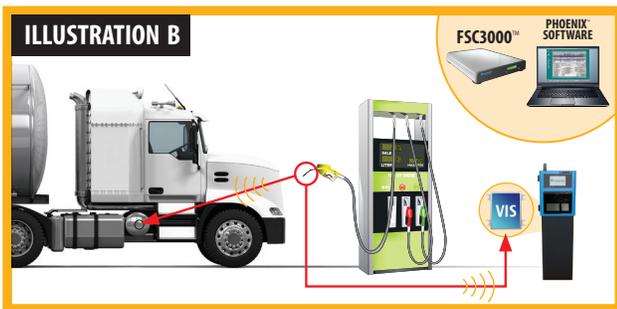
Automatic Vehicle Identification (AVI)



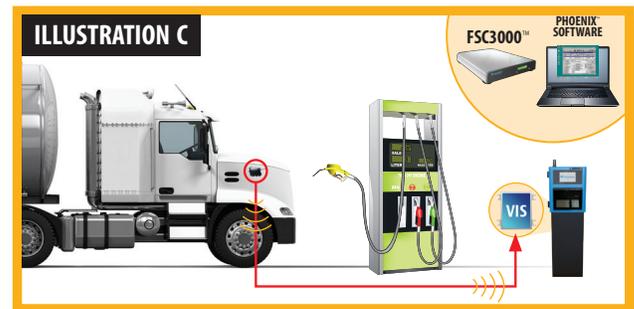
Learn about the Features & Benefits of OPW's Automatic Vehicle Identification Solution at www.opwglobal.com/avi.



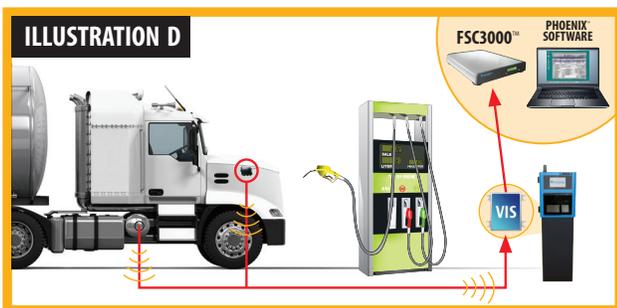
- ◆ OPW's Automatic Vehicle Identification solution is connected to OPW's FSC3000™ Fuel Site Controller, which controls the fuel dispensers onsite.
- ◆ When the nozzle is removed from the dispenser the handle lift is detected and signals the Vehicle Identification System (VIS) to activate the Radio Frequency Nozzle (RFN).
- ◆ Next, the RFN seeks to locate the Passive Vehicle Tag installed on the vehicle fill pipe.



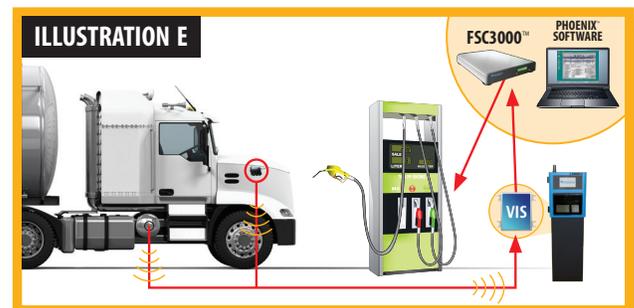
- ◆ When the RFN locates the Passive Vehicle Tag it transmits back to the VIS, reporting the vehicle's tag number.



- ◆ The VIS queries the optional Vehicle Identification Device to get the odometer or engine hours reading.



- ◆ OPW's AVI application combines the odometer/engine hours reading and optional driver's data captured through a key fob.



- ◆ The FSC3000 validates the information and then activates the dispenser.