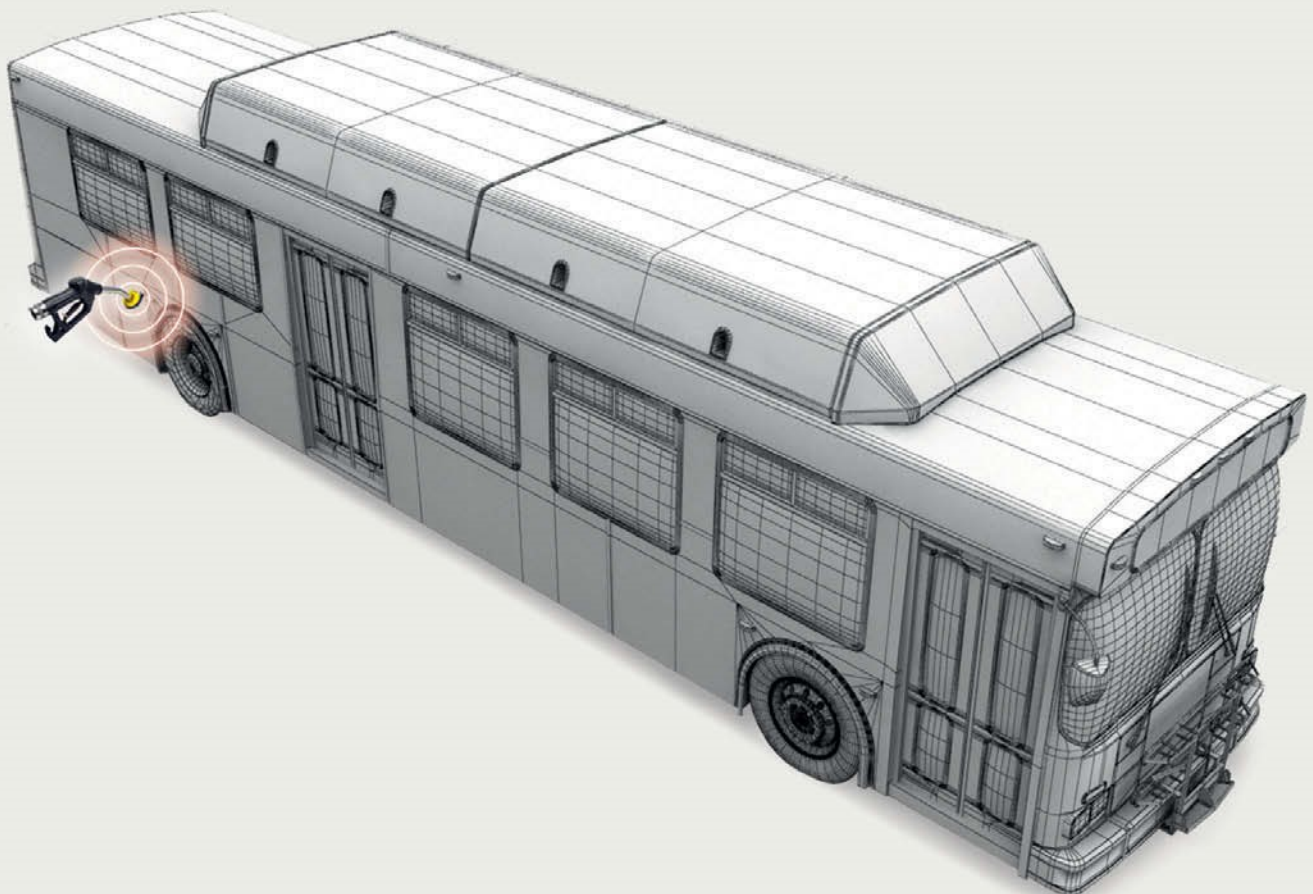


SmartFuel for DiaLOG

Automatic Vehicle Identification

TOKHEIM
PROFLEET



SmartFuel is Tokheim's automatic vehicle identification solution. It is an automated refuelling system that incorporates fuel authorisation based on vehicle identification. It has been designed for companies operating their own fleet of commercial vehicles to help reduce fraud and overcome many of the limitations inherent in traditional data input technology.

"SmartFuel helps to reduce fraud, improve fuel management and provides more accurate, more reliable data."

How it works

1

The nozzle is inserted in the fuel tank. The vehicle tag details are validated by DiaLOG – vehicle data, odometer and / or engine running time information is wirelessly transmitted during the authorisation process.



2

Communication between the vehicle tag and the nozzle unit localises the transaction to that specific nozzle and only then can fuel be dispensed. The system controls fuel type and prevents any unauthorised fuelling from taking place.



3

Once refuelling is complete the nozzle is returned to the pump. At this point all the relevant data has been exported from the vehicle into the DiaLOG fuel management system. There is no need to sign any paper because all refuelling details are automatically stored.



SmartFuel Components



Fuel Inlet Tag

The fuel inlet tag is placed at the fuel tank inlet. The RF nozzle communicates with the fuel inlet tag and fuelling commences. If the two lose signal contact through removal of the nozzle from the vehicle, the delivery stops immediately – even if the operator continues to press the nozzle trigger.



Radio Frequency Nozzle (RFN)

The RFN is a wireless device that slips over the nozzle and identifies the nozzle to the system. It is a robust system that is easy to install and does not require any adaptations to the nozzle. Only when the correct fuel nozzle is inserted in the fuel tank inlet will the authorisation be approved and fuel dispensed into the vehicle.



Vehicle Tag

The vehicle tag is a contactless microprocessor that is installed in the vehicle. It identifies the vehicle to the Fuel Management System, providing vehicle data, fuel type, plus engine hour meter readings. Odometer/mileage readings are transmitted automatically by the vehicle tag to the site controller at the time of refuelling.



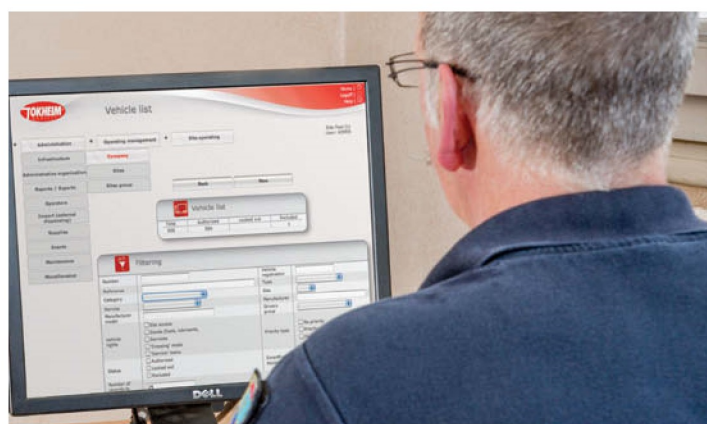
Driver Tags

Tokheim's hand-held driver tag is a "microprocessor-based Smart Card" that the fleet driver can present at the pump for driver identification. It can only be used in conjunction with the vehicle tag. The Driver Tag does not contain any method of payment and is for driver identification only; offering an enhanced level of security.



Reduce fraud and improve fuel management

SmartFuel requires "the right amount of the right type of fuel in the right tank". There is no possibility of filling up another vehicle or a jerry can. Odometer readings can be cross-checked, helping to provide a more effective solution in allowing you to reduce fuel costs across your fleet.



Connect to DialOG

All our products are designed to seamlessly connect and SmartFuel is no exception. It integrates with DialOG to provide a complete VIS, Dispenser and FMS package. This means you have one solution to help manage multiple systems across your business.

SmartFuel for DiaLOG

Benefits

Reduce fuel management costs

SmartFuel helps manage fuel consumption more effectively.

Reduce fraud

SmartFuel requires “the right amount of the right type of fuel in the right tank”. There is no possibility of filling up another vehicle or a jerry can.

Faster and more reliable data

Refuelling information is transmitted electronically, allowing for enhanced data processing without human interference.

Reduced paperwork

SmartFuel reduces administration and paper handling.

Accuracy of information

Accurate reporting of vehicle usage and fuel consumption across fleets. Helps you manage your wetstock more effectively.

Local knowledge, global team

Tokheim ProFleet has an international support network that puts service first. We are there every step of the way to find effective solutions to complex retail challenges.

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