



Fuel Management Systems

Commercial Home Depot Systems

Fuel Management Systems



Fuel Management Systems

The latest generation of MCS terminals have been developed so that they can work using online communication protocol.

In addition to the new hardware, there is a new suite of web based services to both manage the terminals and allow customers to access transactions and stock information online.

The terminals have been continuously developed so that they can offer more solutions and accept more types of European fuel card than any other manufacturer.



Sapphire Terminal

A high-angle, slightly blurred photograph of a yellow school bus driving on a dark asphalt road. The bus is moving from the top left towards the bottom right. White dashed lines mark the road lanes. The bus has a blue stripe along its side and two side mirrors are visible.

**Cut your fuel costs, monitor
every litre of fuel delivered,
pumped and consumed**

**Save money with improved fleet
performance using real-time
vehicle and driver statistics reports**

Sapphire Terminal

The new Sapphire terminal is used in bus and transport depots and utilises both card and touchless key technology. Compatibility with all major fuel cards makes this system ideal for the business that wants to use one card to control fuel drawn in their own yard and on the road. There is a Sapphire terminal to suit all requirements and budgets.

The Sapphire terminal can be linked to your tank gauge to show complete stock and transaction activity on the same screen.

The Sapphire terminal works in conjunction with MCS VIB Datalink in cab device products to guarantee kilometre/mileage information for fuel management reporting.



The complete Fuel Management package, stock control, depot transactions, vehicle and Mileage capture + on road fuelling data accessible from any web enabled PC

Greater control and security, 24/7 access to your depot stocks and fuelling systems





Sapphire Terminal Specification

- Online real time technology
- Compatible with all major fuel cards
- Access via chip cards, magnetic stripe cards, keys, fobs, contactless or wireless devices
- Motorized, push pull or swipe card readers available
- Real-time online management of the terminal and all data via a secure website (TSM)
- Compatible with all major pump suppliers including Tokheim, Pumptronics, Gilbarco and Dresser Wayne



Online real time technology

An end to end solution

The Datalink in cab device range completes the Fuel Management package by automatically capturing the vehicle and mileage details.

Eliminate issues with card and fob handling with the fully wireless system which removes any link between the driver and the Fuel terminal.

This can also be incorporated with the MCS nozzle control system to ensure every litre goes into the vehicle for the complete end to end secure system.

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VIB Datalink (Optional)

- Vehicle and mileage capture via fob, contactless card or fully wireless system



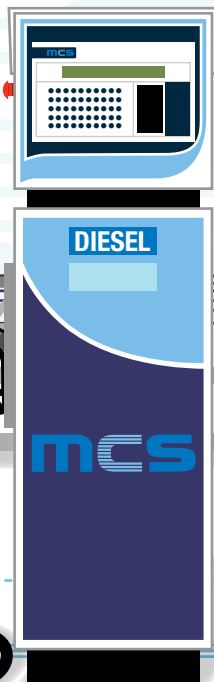
Mileage and vehicle details

Import on road fuel
card transactions.



2

Optional fleet number,
pin number or driver
number entry



Realtime
Transaction details

Digital tank gauge reading

0015366456



Fuel Management Systems

Sapphire integrated pump system



- Heavy duty pump with high-accuracy positive displacement metering and air separation
- Complete with 3.0m hose, auto nozzle and emergency stop button
- Secure, heavy duty Zintex steel enclosure
- plus 50, 70, 90 & 130 litres per minute flow rates



Virtual Site Manager (VSM)

Every event is logged and any problems flagged up via regular status reports. Our new diagnostic tools allow us to make adjustments online or alternatively contact an engineer with the details. The majority of problems are fixed remotely online by MCS, reducing terminal downtime and improving efficiency.

Dispenser	Status	Flow Rate	Pressure	Temperature	Volume	Time	Operator
1000001	OK	100.0	10.0	20.0	100.0	10:00	John
1000002	OK	100.0	10.0	20.0	100.0	10:00	John
1000003	OK	100.0	10.0	20.0	100.0	10:00	John
1000004	OK	100.0	10.0	20.0	100.0	10:00	John
1000005	OK	100.0	10.0	20.0	100.0	10:00	John
1000006	OK	100.0	10.0	20.0	100.0	10:00	John
1000007	OK	100.0	10.0	20.0	100.0	10:00	John
1000008	OK	100.0	10.0	20.0	100.0	10:00	John
1000009	OK	100.0	10.0	20.0	100.0	10:00	John
1000010	OK	100.0	10.0	20.0	100.0	10:00	John

VSM monitors your terminal 24 hours a day, 7 days a week.



Total Site Manager (TSM)

TSM allows the site operator to monitor transactions and stock movements online. Our easy to use system enables you to reconcile transactions and stock movements both in real time and over defined time ranges.

- Transactions and wet stock movement displayed in real time.
- Instant control of terminal and card access through secure broadband connection.
- Online management of transactions through reports and exports.
- Protection from environmental issues – System highlights if stock levels change without transaction taking place.
- Online stock management with tank gauges linked directly into terminal and TSM website.
- Monitor live transactions against dip readings shown on TSM website.
- Sapphire terminal links directly with the majority of tank gauges on the market.





Testimonial

Paul Gossage - Fuel Manager - Eddie Stobart

“ Eddie Stobart operates over 2,200 trucks from 40 sites across the UK, Europe and Ireland and, as a leading logistics provider, seeks to ensure the most efficient, and cost-effective, operating models. We use the MCS Fuel Management terminals in conjunction with the TSM website to provide centralised, secure, real-time transaction and stock management reporting.

Our tank gauging systems at each depot link directly to the website, producing an updated stock figure with every transaction. We also use the stock reconciliation service which enables us to set-up automatic dip readings throughout the day on each of our tanks with a summary report that also highlights any discrepancies. With the recent added feature of importing our on-road fuel card transactions, we can now view a complete picture of all transactions at any locations enabling us to use the MPG vehicle performance reporting package on the TSM website. ”



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**MCS designs and manufactures a
complete range of fuel management
terminals and associated products.**

**With over 20 years experience and
more than 15,000 systems installed,
MCS have proved to be one of
Europe's most versatile suppliers
in a diverse and constantly evolving
marketplace.**

