





**The single future proof system that caters for every fuel management requirement, from the single depot location with ten vehicles, right up to the largest road transport organisation with 400 locations and 25,000 vehicles.**

**A cost effective fuel management system designed and developed by a company with 30 years experience.**

- Can control up to four pumps running simultaneously
- Alphanumeric keypad
- Couples with practically any consumer or heavy duty fuel dispensing pump
- Can be built into a fuel pump
- PC enabled options by direct link, GSM, high speed modem or LAN
- Interfaces with electronic tank gauge for full fuel management system integration
- Fuel Manager software – runs on any Windows™ operating system ('95 onwards), user friendly, wide range of reporting with export capability
- Uses a virtually indestructible non-contact tag for improved reliability and security.

## INTEGRATED PUMP AND FUEL MANAGEMENT SYSTEM



**This comprises of two products; a Sprint pump and a Timeplan fuel management system both with a reputation for quality and reliability providing a superb integral system at a competitive price.**

### Features

- Uses a virtually indestructible tag
- As standard 10,000 tags on any one system with capability to hold in excess of 25,000
- Odometer entry, check and MPG calculation
- Remote access via GSM, landline serial link or LAN
- User friendly Windows™ based software package
- Multi site capability
- Flexible reporting package – provides a wide range of analysis
- Controls up to four pumps
- Stores full information on last 1,000 refuelling operations

### Pump

- 45/80 litres per minute
- Metering accuracy +/- 0.25%
- 3.7m braced steel hose as standard
- Nozzle up to 1" with auto cut off switch
- Meter – 4 piston, positive displacement valve type (pump with in-built air separator – retail grade)
- Motor – 3/4HP single phase flame proof motor with an operating range of 180/250v
- Totalisers – mechanical with a minimum of 7 digits
- Electronic register – backlit with liquid crystal display for volume, self diagnostic feature, rs-485 comms port
- Stainless steel panels as standard
- Safety break coupling is optional
- Extended warranty available

### Tags

- Robust, non-contact – ideal for harsh environments
- Lifetime guarantee
- Capable of being programmed \ reprogrammed to include; tag type, fuel type, mileage, fills per day, maximum fuel bill, expiry date etc
- Tag programming available as optional service

### Fuel Manager Software

- Runs on any Windows™ operating system ('95 onwards)
- Wide range of reports
- Report editor facility
- A wide range of fuel card import features

### Options

- Tag free technology
- Interface to Tank Gauge System
- Master and slave versions



The SPRINT Heavy Duty Fuel Pump is of a solid and stable construction with proven hydraulics, robust electronics technology and its own unique design. It is available for handling a wide variety of fuel types including petrol, diesel and bio-diesel. Every detail has been designed to ensure it is highly accurate with enhanced reliability at the same time as being competitively priced.

The SPRINT Heavy Duty Fuel Pump is supplied as a stand alone fuel pump, a duo (twin speed/twin fuel) or with an integral fuel management system.

### Features

- Interrogate and analyse all data transactions
- Provide accurate and timely fuel reports tailored to meet customer needs and in a user friendly format
- 45/80 litres per minute
- Metering accuracy +/- 0.25%
- 3.7m braced steel hose as standard
- Nozzle up to 1" with auto cut off switch
- Meter – 4 piston, positive displacement metering unit - retail grade
- Suction pump – self priming, positive displacement valve (type pump with in-built air separator – retail grade)
- Motor – 3/4HP single phase flame proof motor with an operating range of 180/250v
- Totalisers – mechanical with a minimum of 7 digits
- Electronic register – backlit with liquid crystal display for volume, self diagnostic feature, rs-485 comms port
- Stainless steel panels as standard
- Dimensions (mono) 1562mm high x 686mm wide x 573mm deep
- For use on above or below ground storage tanks
- Safety break coupling optional
- Extended warranty available



### Bunded Storage Tanks

Timeplan can provide and install a wide range of above ground tanks with capacities of up to 150,000 litres in steel or plastic.

All tanks meet the latest environmental standards and are easily relocated. They can be fitted with a cabinet that houses fuel pumps, monitoring systems and hose reels for added security and simplicity.

In addition the tank packages can include electronic tank gauging that can be fully interfaced into the fuel management system.

### Fuel Pumps

Timeplan can supply a wide range of electronic and mechanical fuel pumps and dispensers to meet specific customer needs.

Following the initial warranty period Timeplan can offer comprehensive maintenance support covering all preventative maintenance, call outs, supply of spare parts, calibrations and electrical testing. In addition, Timeplan can also supply its own integral pump.

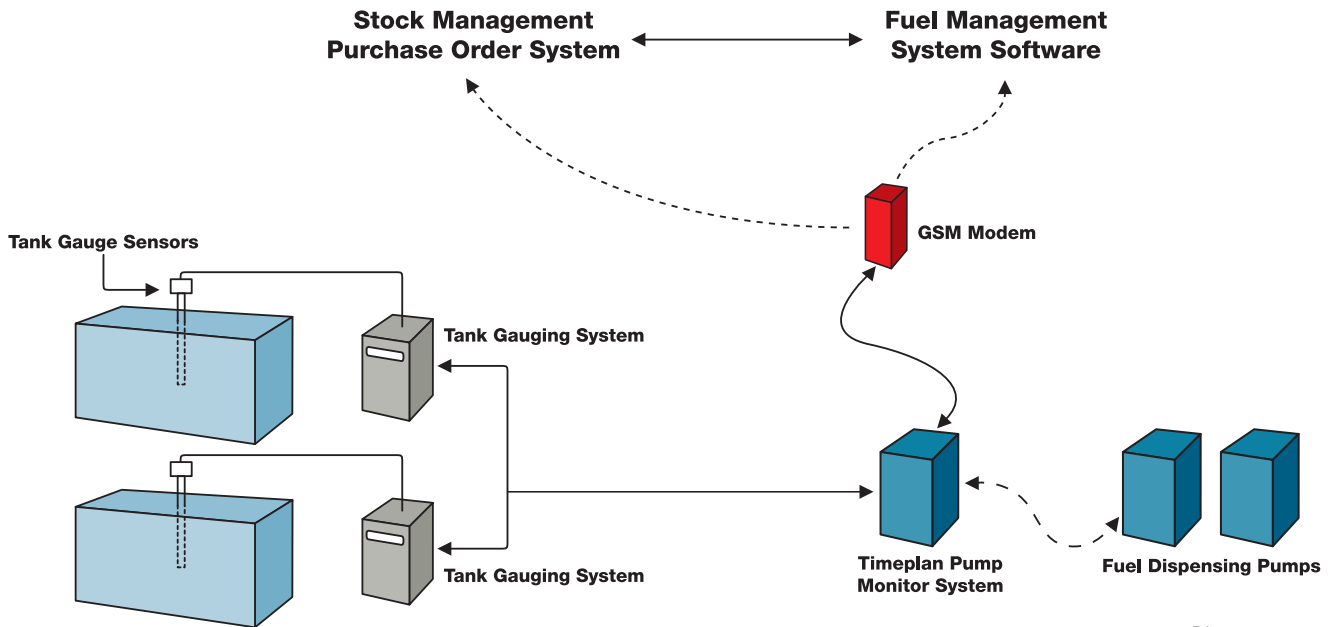


Diagram not to scale

**Timeplan's stock management system (SMS) is a facility that will provide customers with a total stock management facility.**

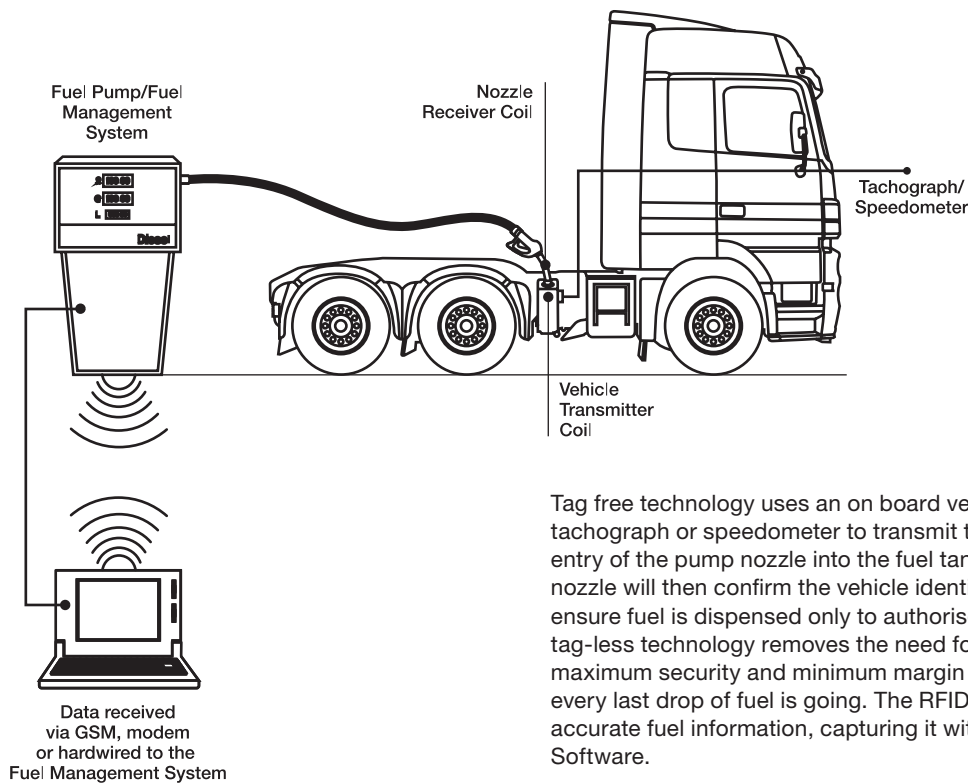
**The system is based around proven telemetry units with differential pressure sensors to measure the fuel stocks in tanks which is linked to the fuel management system to provide for the monitoring of fuel stocks remotely.**

#### The System

- Avoids manual dipping and allows for remote measurement of tank stocks
- Links multiple tanks on site
- Recalibrates/resets tank levels remotely
- Ease reconciliation of pump and tank usage
- Has local on site displays

#### In addition the use of Timeplan's bespoke software will provide for:-

- Continuous monitoring for delivery detection
- Forecast future requirements
- Holiday period corrections
- Automatically generate orders
- Provide the optimum stock pattern/order configuration
- Identify usage patterns/trends
- Provides wide range of reports



Tag free technology uses an on board vehicle data computer linked to the tachograph or speedometer to transmit the vehicle identity automatically on entry of the pump nozzle into the fuel tank. The receiver based within the pump nozzle will then confirm the vehicle identity, odometer and engine readings to ensure fuel is dispensed only to authorised vehicles. This key-less, card-less, tag-less technology removes the need for human interface, providing maximum security and minimum margin for error. You can track exactly where every last drop of fuel is going. The RFID Ring Technology also provides accurate fuel information, capturing it within the Timeplan Fuel Management Software.

**The latest Automated Fuelling System from Timeplan uses tag free technology to offer 24 hour unattended fleet fuelling with maximum security.**

### How it works

The system activates when the nozzle is placed within a vehicle's fuel inlet. A transmitter coil located securely around the vehicle tank will transmit vehicle identity and fuel type to the Timeplan Fuel Management system. The transaction is automatically terminated once the nozzle is removed from the vehicle inlet, thereby eliminating accidental spills and fuel shrinkage from secondary containment filling. Every drop of fuel is therefore accounted for without the use of cards, keys or manual entry. The system instantly identifies a vehicle and will only dispense fuel if the vehicle is authorized to receive fuel of the correct type and at the given location. The Timeplan Fuel Management Software can then provide a wide range of reports and analysis of fuel usage.

### Benefits

- Provides 24 hour unmanned fuel access
- Maximum security
- Reduces opportunity for human error in selection of fuel type
- Reduces wastage and spillage
- Prevents secondary container filling
- Provides accurate operation data
- Easy to install
- No manual intervention
- Speeds up refuelling
- Tag free, key free and card free

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