



FLUIDTRACK[®]

Fuel Management Systems

FLUIDTRACK® Fuel Management

Large, easy
to read 7"
Blankview LCD
Display

Robust exterior,
weather proof
enclosure.
IP66 Rated

Proven
reliability
in extreme hot,
cold, dusty,
windy and salty
environments

Fluidtrack® is the most robust, easy to use and easy to setup fuel management system on the market.

Fluidtrack® continuously checks the system with backup power installed inside the unit itself, making every drop count, even during a power outage.

Network Communications

Keep your records up-to-date in real time.

Have no network communication?

The Fluidtrack Gen 3 has USB access on the front panel to provide access to your data.

Security

Restricted access to fuel for drivers in preselected times or volume.

Electrical Design

Allows use with generators, truck systems and environments with high electrical noise or unstable power sources.

Easy Setup & Usability.

Configuring the unit is menu based and eliminates the need for long codes and numbers.

Robust Exterior

Continuous operation in all conditions. Enclosure rating is IP66 tested temperature range -25°C to +55°C. Micro-particle proof rubber seals stop dust, insects and moisture from entering the unit.

Click-On & Click-Off Unit

Clearly marked unit can only fit in one place. Allows for easy servicing, without the need for technicians or electricians.

Smart Access

Gain the data you require the way you require it. Access can be provided via the Fluidtrack® card, pin, iButton key and VIN (Vehicle Identification Number).

Optional Heavy Duty Pedestal

To mount the Fluidtrack® unit on site.

Fluidtrack® accessories



NFC Cards and Key Fobs

Easy user or vehicle identification is provided with key fobs, vehicle ID keys or long lasting Near Field Communication proximity cards.



Magnetic Swipe Card Reader

Use your existing fuel cards as user ID's. Our magnetic card readers are dust and waterproof, simply swipe your card to access the fuel.



Reader Wand

Staff keep losing keys? Eliminate the troubles with the reader wand. Attached it to the Fluidtrack® unit and pair it with the vehicle-mounted touch key drivers simply tap the wand to the touch key to unlock fuel access.



HID Card Reader

Use existing employee access control cards to identify who has accessed fuel and when.

Features & Benefits

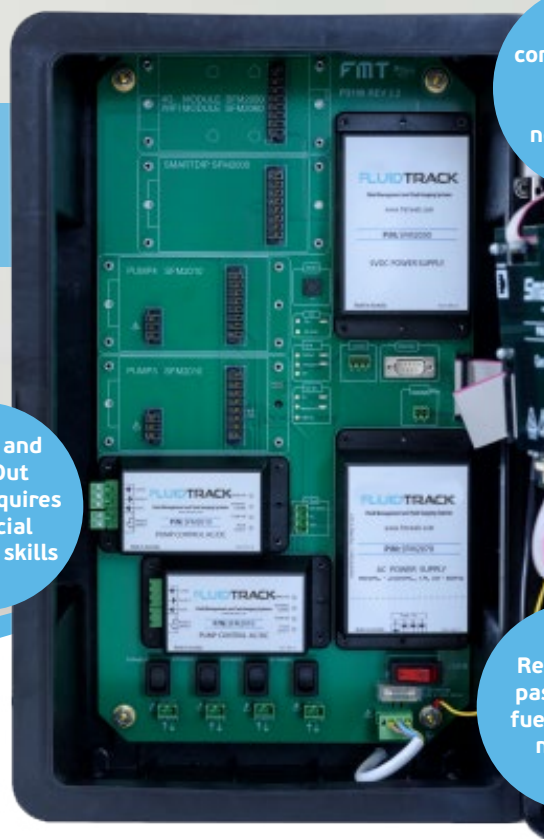
- Data is recorded instantly via the free online website.
- Control up to 4 fuel/oil dispensers or up to 12 Bowser's/Dispensers using Protocol.
- Records fuel usage for up to 50,000 vehicles.
- Records the past 20,000 fuel issues in memory.
- Large easy to read, colour LCD display.
- Configure and continuously monitor via the website.
- Modular design allows for quick installation and repair.
- Can be used as a "preset" delivery system, ideal for lube trucks or workshop lube dispensing systems.
- Suits most fuel bowsers and bulk flow-meters.

Click-In & Click-Out Modular System

Click-In and Click-Out design requires no special technical skills

Multiple communication options: Wi-Fi, 4G network and Ethernet

Records the past 20,000 fuel issues in memory



Hose/Pump Control

AF-SMFSH	Fluidtrack 240V Single Pump System c/w 20 FOB Keys
AF-SMFDH	Fluidtrack 240V Dual Pump System c/w 20 FOB Keys
AF-SMF3H	Fluidtrack 240V 3 Pump System c/w 20 FOB Keys
AF-SMF4H	Fluidtrack 240V 4 Pump System c/w 20 FOB Keys
AF-SMFNZP	Fluidtrack NZ Protocol 240V c/w 20 FOB Keys

- DC Versions also available
- NMI approval upgrade available
- NZ or Gilbarco Protocol Modules Available

Identification & Pedestals

AF-SMF-P2810	NFC (Proximity) Fob
AF-SMF-P2820	NFC (Proximity) Card
AF-SMF-P1032-S/S	Vehicle mount iButtons
AF-SMF-A1021 SF2 1800	Reader wand
AF-SMF-SFA3200	Magnetic swipe card reader (factory fitted)

Approval

UL1238

Online Reporting

FREE

- All active site available online.
- Online real-time data, running tally of fuel usage can be downloaded into CSV format.
- Online management of vehicles and drivers.

PRO REPORTING (MONTHLY FEE)

- Fully customisable reports.
- Totals (total by vehicle, drivers etc. per site basis).
- Reconciliation (reconcile fuel delivered against fuel consumed).
- Service (identify vehicles/equipment due for service based on odometer or hourmeter entries).
- Consumption (fuel consumption: litres per 100km, miles per gallon, litres per hour).
- Export report to PDF or CSV.
- Standard reports can be setup and emailed through on a monthly, weekly or daily basis in PDF or CSV.
- Automatic emails of tank levels at predefined times.
- Automatic email of tank level alarms.

API

- Application Programming Interface (API) available that can be used to integrate data into accounting and other data management applications.

FLUIDTRACK® Bowser & Dispensers

The Fluidtrack® Bowser and Dispensers are the first all in one solution for fuel management bowser and dispensers. Incorporating our Fluidtrack® Fuel Management System inside a heavy duty, compact, robust and waterproof cabinet.

Features & Benefits

- Suitable for wall, floor or tank mount applications
- Standard unit controls up to 2 hoses (optional upgrade to 4 hoses)
- 100 - 140LPM pump options for bowser
- Ideal for retrofits and adding to existing tank systems
- Reduces significant installation time on site
- Nozzles can be positioned on all four sides
- Built in 10 Micron Fuel Filter with water absorbing element

Applications

- Diesel
- AdBlue



Specifications

Power Supply	Single phase 240V
Dimensions	1350mm (H) x 400mm (D) x 400mm (W)
Approx. Weight	80Kg

Models

AF-FTSHB100	Fluidtrack Single Hose Bowser 100 LPM
AF-FTDHB100	Fluidtrack Dual Hose Bowser 100 LPM
AF-FTSHD100SHA	Fluidtrack Single Hose Bowser 100 LPM with Optional Additional Hose (AdBlue/Diesel)
AF-FTSHD	Fluidtrack Single Hose Dispenser - Diesel Only
AF-FTDHD	Fluidtrack Dual Hose Dispenser - Diesel Only
AF-FTDHDA	Fluidtrack Dual Hose Dispenser - Single Hose Diesel/Single Hose AdBlue



Municipalities

Even in the most isolated areas, prevent theft and record every drop of fuel used and by who.

Mining

Record and control the hundreds of millions of litres of fuel required everyday to mine and process with Fluidtrack® Fuel Management Systems.



Service Vehicles

With automatic power off and battery isolation, the Fluidtrack® system has been specifically designed for service truck use.

Marinas

Fluidtrack® has specifically been designed to withstand the harshest environmental conditions, Fluidtrack® stands the test of time in Marinas.



Civil Construction

Fluidtrack® can face extreme weather conditions from -25°C to +55°C in isolated areas.

Transport

Capture all data online in real time with Fluidtrack® for easy accounting and control of both small and large fleets.



FLUIDTRACK Tank Gauging System Option

The Fluidtrack 240V Tank Gauging System allows you to easily view and control your stock levels. Completely integratable with the Fluidtrack® Fuel Management System, the Fluidtrack 240V Tank Gauging System creates a complete solution for your operation.

The system notifies you via SMS and email of your tank levels and alarms, or if you prefer real-time monitoring, the easy to use free website allows you to see your tank levels from any device.

Features & Benefits

- Integrated with the Fluidtrack® Fuel Management System.
- Accurately re-order and control stock using the simple and reliable design.
- Monitor up to 4 tanks per module (max. 2 modules per system).
- Suits most non-flammable and flammable liquids with densities of 0.500 to 60, including diesel, petroleum and gasoline.
- Automatic daily SMS and email notifications of tank levels and alarms.
- Real-time monitoring of tank levels through the website.
- Stainless steel probe with integrated cable makes installation a breeze.
- Suits horizontal round, vertical round and rectangular tanks.
- For 3, 4, 5 and 10m tank heights. The cable is 5m longer than the tank height.



Fluidtrack ATG - System Option

SMF-SD2-X-3M-KIT	Fluidtrack Tank Gauging Module & 3M Probe
SMF-SD2-3M-PROBEONLY	Fluidtrack Additional Tank Probe

Specifications

Pressure Range	0 - 33Ft (0 - 10m)
Output	4 - 20mA
Accuracy	0.25% FS (typical) 0.5% FS (max)
Long Term Stability	±0.2% FS/Year
Operating Temperature Range	-20°C to 80°C (-4°F to 176°F)
Cable	Polyethylene Ventilated Cable



FLUIDTRACK®

SmartTag

System Option



Automatic Vehicle Identification

Fluidtrack® SmartTag is the gold standard in nozzle-based fuel management systems, eliminating fuel theft while also reducing driver frustration from needless shutoffs.

Fluidtrack® SmartTag's fully automated, contactless system integrates the fuel nozzle with a unique RFID tag for each vehicle.

The Fluidtrack® SmartTag reads the tag and reports it to the Fuel Management System. Once the authentication is successful, the fuel delivery is allowed to begin.

Features & Benefits

- Automates activation of fuelling system
- Detects when the nozzle is removed from the authorised vehicle, terminating the transaction to prevent fuel theft
- Can restrict fuel usage by fuel type and volume per vehicle /time
- Modular design allows for rapid installation and repairs
- Requires no special technical skills to install or operate
- Easy to replace battery with a minimum of 12 months lifespan
- Provides notification in advance of battery replacement being required
- Multi nozzle capable on Gilbarco, Wayne, Compac, TT and Tatsuno dispensers
- Suits most common fuel nozzles and vehicles
- Housed in a tough, weatherproof enclosure
- Adjustable read range to suit application specific needs, via tag orientation
- Small and easy to install RFID tags
- Extensive professional network of support

Fluidtrack® SmartTag Advantages



Simple vehicle
authorisation



Only dispensed
within the
authorised inlet



Robust nozzle
design



Securely mount
RFID tag to vehicle

Specifications

Power Supply	C size. 3.6 VDC 6Ah Li-SOCI2 Battery. Compliant with IEC86-4 safety standard
Power Consumption	Sleep mode: ~0A. Active: 10mA average
Battery Lifetime	1 year minimum (average of 40 transactions/day, average transaction time of 5 minutes)
Dimensions	80mm x 73mm x 73mm
Battery Temperature Range	-55°C to +85°C
Reader	Inbuilt UHF reader - EPC Class 1 Gen 2 compatible
Read Distance	10 to 50cm depending on orientation of SmartTag when installed
Max Nozzles Per System	8 when used with a protocol system, but limited to 5 connecting at a time.
Nozzles Supported	OPW 1" 7-HB Diesel, OPW 3/4" 11A Diesel, OPW 11AP Gasoline/Unleaded, ZVA 25 Diesel, ZVA Slimline AdBlue, Husky X Diesel

FLUIDTRACK OPT

System Option



Modular design
requires no
special skills to
service

The Fluidtrack® OPT boasts an impressive range of user-friendly design features that make it a breeze to set up, operate and maintain. For instance, its smart design includes a printer with an extra-long paper roll that is both easy to access and kept safely away from internal electronics.

In addition to its user-friendly features, the Fluidtrack® OPT is also incredibly easy to service. Its modular design requires no special skills to service.

Features & Benefits

- Simple, secure connection over 4G network or Ethernet connection (NBN broadband)
- Designed for tank mounting or free standing
- Connects a range of pumps – Compac, Gallagher, Gilbarco and other popular brands
- Direct pump control for bulk fuelling and applications where a bowser is not used
- Full support for automatic tank gauging systems including SmartDip
- Ability to send SMS receipts
- Easy to use large graphical user interface
- Change pump prices remotely

Why should you consider Fluidtrack OPT Advantages



Fully EMV
Compliant



Accepts all major
credit cards and
EFTPOS



Australian made
and supported



Designed for
unattended
applications in harsh
climates.

Of course, it's **FREE**
and easy to access all
your OPT data and alert
settings Advantages



Specifications

Weight & Dimensions	Height: 700mm 1700mm with pedestal Width: 400mm Depth: 200mm Weight: 25kg
Display	Full Colour 4" (10.2CM) LCD screen
Printer	Thermal printer, roll 80mm wide 270m long
Payment Hardware	Verifone UX 301 Card Reader, UX 100 Pinpad, UX400 Contactless Card Reader PCI PTS 4.x a
Card Acceptance	Visa, Mastercard, Amex, EFTPOS, Account cards (white cards), FluidTrack NFC cards and fobs
Power and Battery	90 VAC (0.38A) - 250 VAC (0.15A), Battery 24V 29WH
Supported fuel pumps	Compac, Gilbarco, Gallagher, TT and other popular brands
Communications	4G network or wired Ethernet
Operating temperature	-40°C to 55°C
Mounting Options	Tank or wall mounted (mounting kit provided). Optional pedestal
Construction	Powdered coated galvanised steel
Installation Requirement	To be installed in non-hazardous zone as defined in AS-NZ-60079.10.1-2009 Explosive atmospheres – Classification of areas



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Fuel Management Systems

MANAGE YOUR FUEL TODAY!
CONTACT A-FLO EQUIPMENT