

# SmartFill GEN 2

**Fuel accounting has never been easier,  
with instant reconciliation, even across multiple sites.**

Real-time accurate fuel data access anywhere, anytime;  
to monitor, manage and report instantly.



**CLOUD BASED TECHNOLOGY | NO ONGOING COSTS | NO PC SOFTWARE NEEDED**



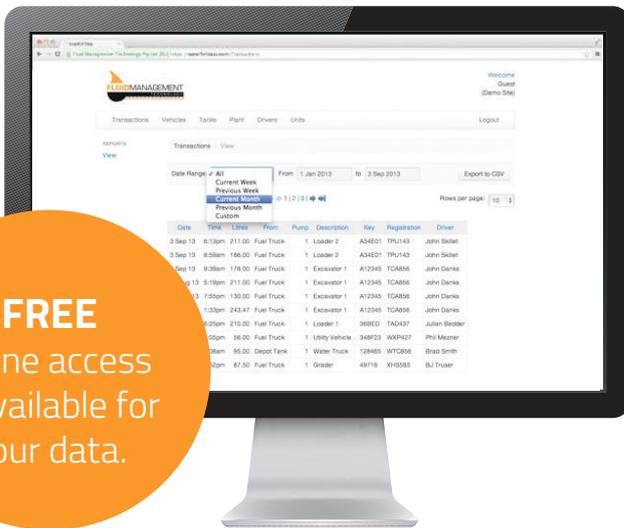
# The World's Most Functional Fuel Management System

## Simple, robust and functional wins in the long run.

Our three design principles keep fuel flowing and ensure that every drop is recorded to make accounting and fuel management easy.

## A robust system you can rely on.

Known to outlast the browsers they were originally attached to, our units have survived floods, fires and even being accidentally run over by heavy equipment.



**FREE**  
online access  
is available for  
your data.

**CLOUD  
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TECHNOLOGY**

**NO  
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**NO  
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## Proven in the Field

### American Airlines chooses SmartFill GEN 2 at JFK airport for 600 vehicle fleet.

Reconciliation of fuel accounts are now fully automatic, covering 4,930 acres.



*"Since we switched to the SmartFill GEN 2, product reconciliation has never been easier. Gone are the days of needing a third party and a lot of time and effort to get the accounts right."*

*"Now it's automatic. All of the fuel data across JFK for our fleet of 600 vehicles gets put into an Excel spreadsheet and we are good to go."*

**David Richards**  
American Airlines



## NETWORKED COMMUNICATIONS – 3G, WIFI, ETHERNET

Networked communications keep your records up-to-date in real-time. Your data is always available and you don't need any special software to access it. USB access on the front of the panel provides access to data if you do not have a communication network.

## ELECTRICAL ROBUSTNESS

Designed to deal with unstable power sources, such as generators, truck systems and environments with high levels of electrical noise.

## ENHANCED SECURITY

Access to fuel by vehicle and/or driver can be restricted by preselected times (such as from 9am to 5pm) and/or volume (such as a maximum of 2,000 litres).

## EASY TO USE, EASY TO SET UP

Configuring the unit is menu based, eliminating the need to enter excessively long codes or numbers.

## TOUGH ON THE OUTSIDE

An IP66 rated, powder coated steel enclosure ensures continuous operation in all conditions. Tested temperature range -25°C to +55°C and microparticle proof rubber seals stop dust, insects, moisture and water from entering the unit. Multiple gaskets further enhance protection.

## SMART ON THE INSIDE

Easy to service the unit with Click-in and Click-out modules. Each is clearly marked and can only fit in one place. No need for special technical or electrical skills.

## SMART ACCESS

Near Field Communications for easy user or vehicle identification, with long lasting proximity cards and fobs. You also have flexibility to gain the data you want, and how you want it. Access can also be provided via PIN, iButton key and VIN (Vehicle Identification Number), or AVID (Automatic Vehicle Identification).

## Summary of Benefits

- Data can be recorded online, with no need for special software (and it's **FREE** to use!)
- Modular design allows for rapid installation and repair
- Click-in and click-out design requires no special technical skills
- Control up to 4 fuel/oil dispensers, all delivering simultaneously
- Electronic control of up to 8 hoses on Gilbarco, Wayne, Compac, TT and Tatsuno dispensers
- Records fuel use for in excess of 2000 vehicles
- Records the past 5000 fuel issues in memory
- Uses secure vehicle keys, and driver PIN to control access to fuel
- Restrict fuel usage by volume per vehicle/driver and/or time
- All data is stored securely in the unit and can be automatically uploaded to a secure website after each transaction
- Multiple communication options available for uploading data to the website: WiFi, 3G and Ethernet
- Large, easy to read, colour LCD display
- Can be configured and is continuously monitored remotely via the website
- The system can be used as a "preset" delivery system. This is ideal for lube trucks or workshop lube dispensing systems
- Suits just about any fuel bowser or bulk flow-meter
- Housed in a tough, weatherproof enclosure. High quality lock and stainless steel door hinges for use in all weather conditions outdoors. Enclosure rating is IP66
- Proven reliability around the world in extreme hot, cold, dusty, windy and salty environments
- Extensive professional network of support
- Optional interface to other tank gauging systems such as Veeder Root, OPW and Franklin Fuelling

*Optional integrated tank gauging is available with SmartDip - view tank levels online or with SMS*

# Automatic and Error-Free Fuel Management

## Telematics for Seamless Odometer Data Capture

Zero reliance on driver entries. 100% accurate.

### SmartFill GEN 2 Telematics Modules - OBD & Non-OBD

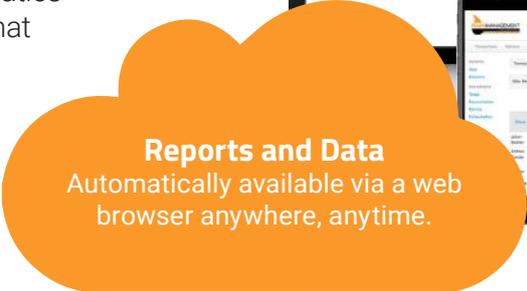
No more frustrating errors from drivers' entries. This is an automated process that generates 100% accurate odometer data at each fuel transaction. The SmartFill GEN 2 Telematics Module gives your admin team peace of mind knowing that the data provided is accurate and easy to report, therefore eliminating the need to double check information with drivers.



OBD



NON-OBD



## Fuel Authentication Technologies

Choose the way that suits your process for people to access fuel.

### SmartTag AVID

The unobtrusive nozzle transceiver uses innovative positional tracking technology to prevent fuel theft without causing driver frustration from needless fuel shutoffs. SmartTag is cost effective for rapid deployment across the entire fleet, with easy-to-install RFID tags featuring integrated tamper detection.



ID Tag Nozzle Transceiver AVID1000

### NFC KEYS AND FOBs

Easy user or vehicle identification is provided with long last lasting NFC fobs or proximity cards.



### MAGNETIC SWIPE CARDS

Utilise your existing fuel cards as user ID. Simply swipe to access fuel. Our magnetic card readers are the toughest available, with an IP67 rating, they are dust and waterproof.



### HID CARD READER

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



# SmartDip Tank Gauging with Online Reporting and SMS

## A simple foolproof design, with the affordability to match.

When you combine SmartDip with SmartFill GEN 2, you have a complete fuel management and reporting system in just one unit, to report, record, measure and alert about fuel use and levels.

The SmartDip system is a simple and reliable design for people who require a functionally accurate system for re-ordering and basic stock control.

SmartDip monitors up to four tanks. It is suitable for most non-flammable liquids such as diesel, with densities ranging from 0.500 to 60.

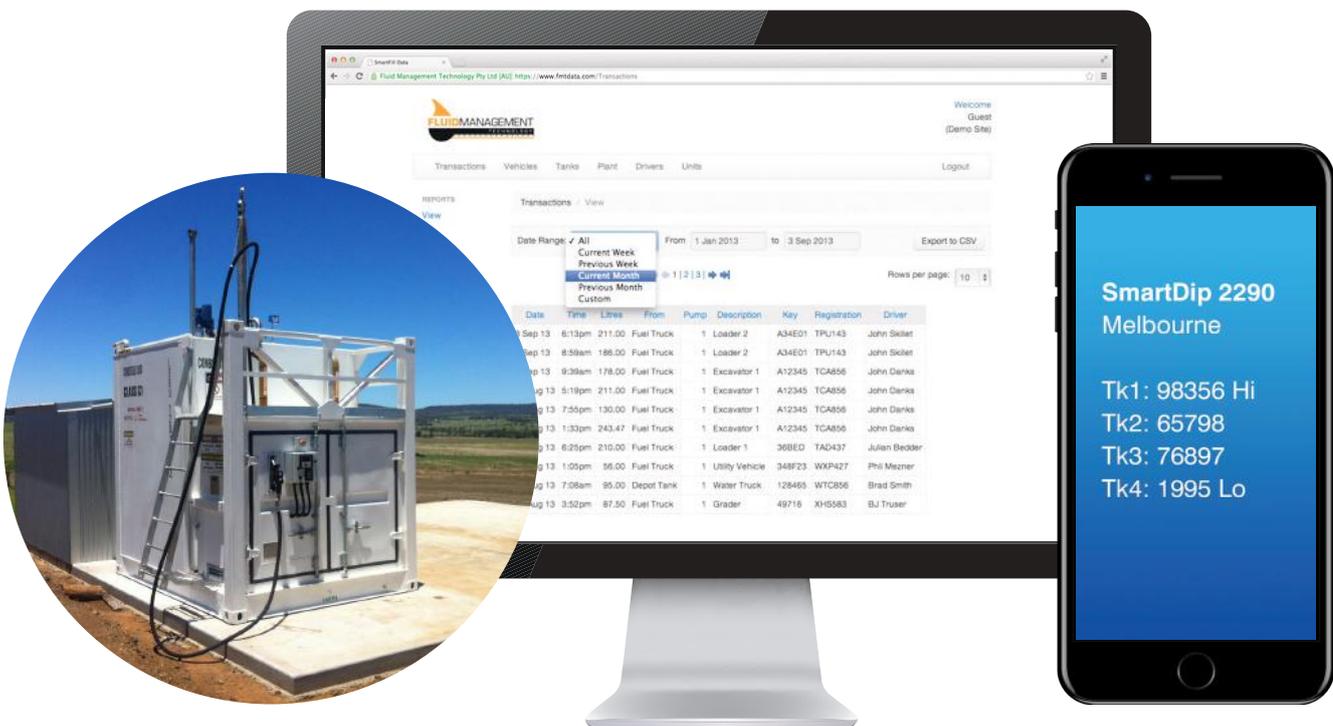


*The SmartDip module*

## Ease of mind with an alarm system that is set for your needs.

SmartDip has a low/high level alarm for each tank that can be set by the user. Densities can be changed by the user in case of product type changes.

Tank levels can be viewed on a unit next to the tank, accessed online in real-time and can also be sent via SMS on demand or at a preset time of day.



Onsite

Online

Via SMS

## Customer Testimonials



*"Fluid Management Technology are extremely efficient and an easy company to deal with for both their sales and support of their products. Their product knowledge enables them to understand the client's requirements and offer them the best and most cost-effective solution for their project.*

*An example of this is that I recently I had to present to a board of directors and accountants for a big mining company in Perth. FMT flew over and presented their product and answered many questions from the board - which assisted me in offering my client exactly what they required.*

*FMT have developed new technology and are always evolving products that continually grow and develop their business, which in turn, helps us grow our business. If every company operated like FMT, our work lives would be so much easier."*

**Robert Couzens**

Metro Sales Manager, FuelFix Tanks 2 Go



*"Marano's Fuel supplies petroleum products throughout the Far North of Queensland, delivering to remote communities from Townsville to the Tip of Cape York Peninsula.*

*We love the new SmartFill GEN 2 Fluid Management System for its ability to allow us to manage multiple sites from one central location. It is accurate and records real-time data, allowing us to provide quick and reliable information to manage our business.*

*The SmartFill system has given us the ability to install tanks in remote locations and monitor our tank capacities and sales automatically, without the need to go anywhere near the site except to refill tanks.*

*Their hardware is of a high quality construction and adapts neatly into our sites. They have developed a reliable product with excellent back up support, with a professional organised team. Our company will continue to use the SmartFill Fluid Management Systems into the future."*

**Gordon Berzinski**

Operation Coordinator, Marano's Fuel



*"Smart Fill GEN 2 has automated the whole process. It orders fuel to our inventory, it records fuel usage to the job and it tracks the equipments' fuel use onsite, including hire equipment. This system saves a lot of man hours, and with fuel prices in the current economy, it's good to know we can monitor and account for every single drop."*

**Cameron Towie**

Equipment Manager, Georgiou Group

# A World of Applications in the Toughest Environments



## Mining

Throughout Australia and the world, SmartFill GEN 2 controls and records the hundreds of millions of litres of fuel needed every day to mine and process everything from coal to gold.



## Service Vehicles

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



## Civil Construction

Handles extreme weather conditions from minus 25 to plus 55 degrees in isolated areas.



## Municipalities

Even in the most isolated areas, theft is prevented and every drop of fuel used is recorded.



## Marinas

Specifically designed for the harshest of environmental conditions, SmartFill GEN 2 stands the test of time and tide in Marinas.



## Transport

All data is captured online in real-time for easy accounting and control of small to large fleets.



**Office:** 1 800 569 8704  
**Email:** sales@fluidmt.com  
**www.fluidmt.com**

2609 Crooks Road  
Troy MI  
48084 USA