



SmartFill

The Fuel Management System You Can Rely On

- 🔑 Prevent unauthorized fueling and theft
- 💻 Remote visibility of tanks and usage across all sites
- 📋 Accurate, automatic reporting for every transaction

Engineered for demanding fleet and mining environments, SmartFill Gen 3 gives you complete control over every gallon of fuel.



Collect the Data That Matters to Your Operation

SmartFill Gen 3 gives you full control over how fuel is accessed, tracked, and reported. Every feature can be turned on or off from the FMT cloud, so you capture the exact data your operation needs.

Our experience

4800+
Companies Supported

27 Years
of SmartFill FMS

80 Million+
Transactions Monitored



Driver Details

Identify drivers and restrict usage by time of day or fuel allocation to improve accountability and security.



Job Numbers

Allocate fuel directly to projects. Ideal for construction and hire operations needing cost traceability.



Tank Levels

Integrate automatic tank gauging to track tank volumes, set alarms, and avoid unexpected shortages.



Vehicles & Plant

Identify fuel usage by vehicle, plant, or equipment, with the option to set usage limits if required.



Mileage and Hourmeter

Prompt operators for odometer readings before fuelling to accurately track fleet efficiency and consumption data.

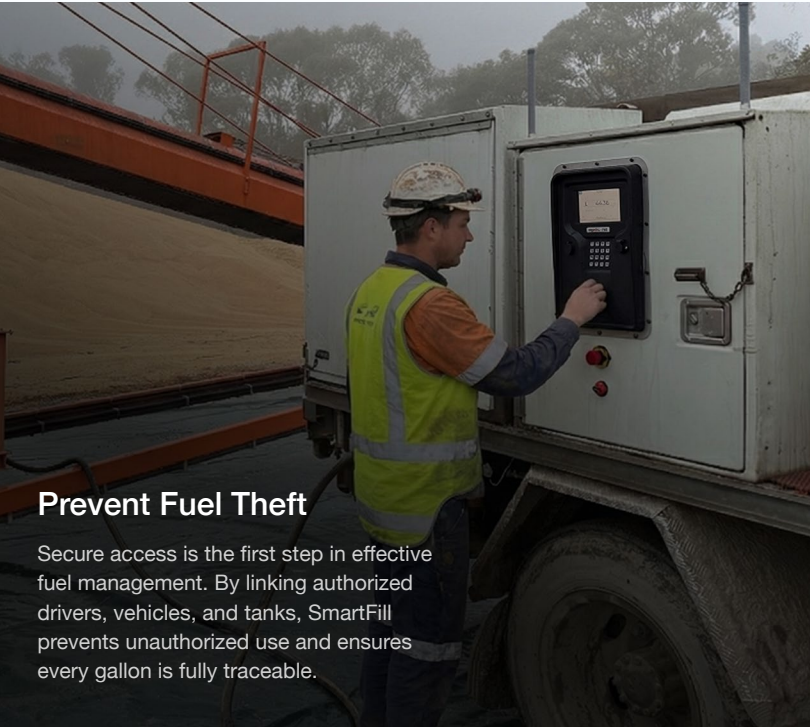


Define your own data

Add custom data fields specific to your reporting needs - such as Harvest, VIN, or Route.

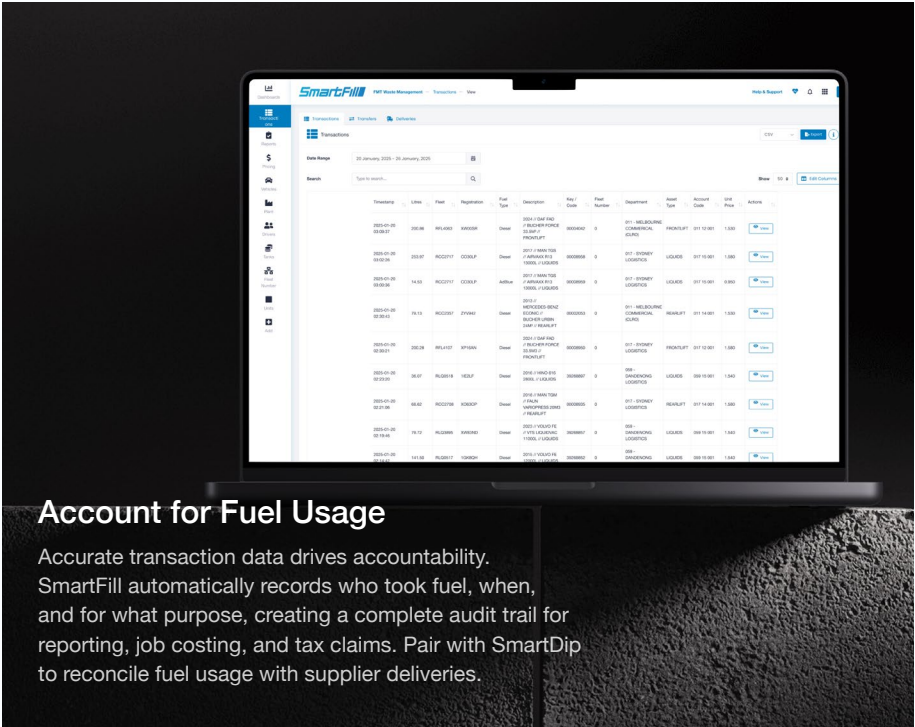
Gain Total Visibility of Your Fuel Operations

SmartFill connects access control, fuel usage, and tank levels into a single, cloud-connected system. You get accurate, real-time visibility of your fuel, without relying on manual records, spreadsheets, or site visits.



Prevent Fuel Theft

Secure access is the first step in effective fuel management. By linking authorized drivers, vehicles, and tanks, SmartFill prevents unauthorized use and ensures every gallon is fully traceable.



Account for Fuel Usage

Accurate transaction data drives accountability. SmartFill automatically records who took fuel, when, and for what purpose, creating a complete audit trail for reporting, job costing, and tax claims. Pair with SmartDip to reconcile fuel usage with supplier deliveries.

Transaction ID	Time	Fuel Type	Registration	Fuel Type	Description	Fuel ID	Fuel Number	Department	Asset Type	Asset ID	Asset Price	Action
000001-000001	00:00	000001	000001	000001	000001-000001	000001	000001	000001	000001	000001	000001	000001
000001-000002	00:01	000001	000001	000001	000001-000002	000001	000001	000001	000001	000001	000001	000001
000001-000003	00:02	000001	000001	000001	000001-000003	000001	000001	000001	000001	000001	000001	000001
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000001-000006	00:05	000001	000001	000001	000001-000006	000001	000001	000001	000001	000001	000001	000001
000001-000007	00:06	000001	000001	000001	000001-000007	000001	000001	000001	000001	000001	000001	000001
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000001-000075	01:14	00000										

Engineered for Remote, High-Demand Environments

SmartFill Gen 3 is built to withstand extreme heat, freezing winters, dust, vibration, and remote conditions where reliability isn’t optional. With more than 25 years of field experience, SmartFill delivers proven durability in mining, construction, fleet depots, and off-grid sites.

Automotive-grade glass-reinforced nylon enclosure for impact and corrosion resistance

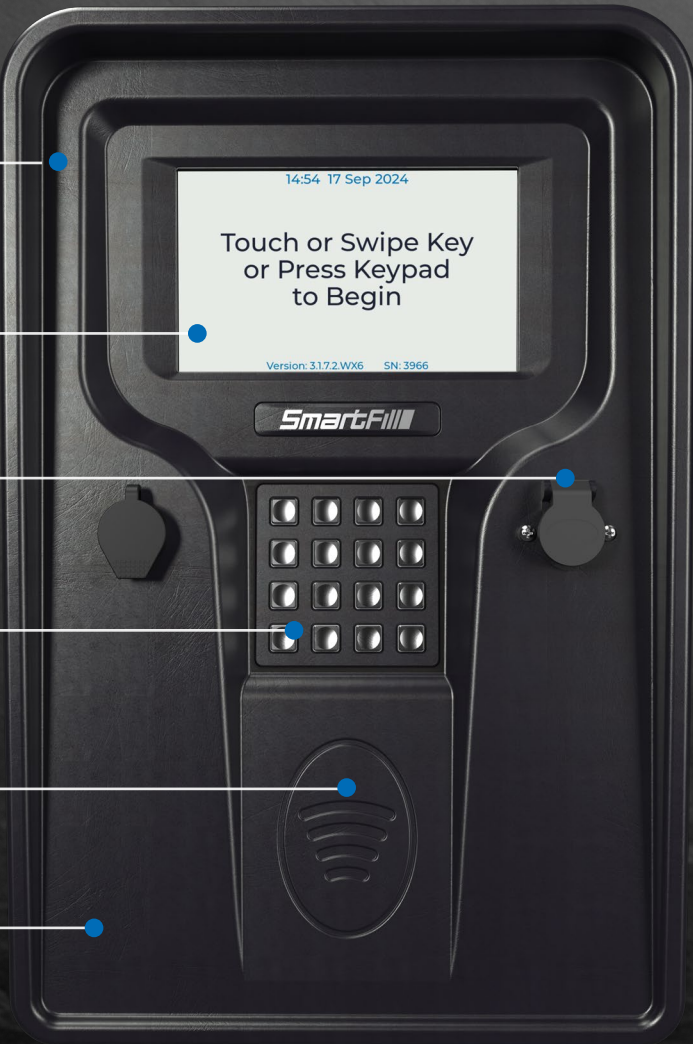
Marine-grade 7” colour display for sunlight readability

USB Backup for offline data

Vandal resistant keypad with stainless steel buttons

Built-in NFC tag reader

Optional ID methods such as Swipe and HID cards



ENVIRONMENTAL FEATURES

- IP65 protection – sealed against dust and water ingress
- Operating range – tested from -40 °F to +185 °F
- UV-stabilised, corrosion-resistant enclosure

4G LTE, Ethernet, Wi-Fi connectivity options

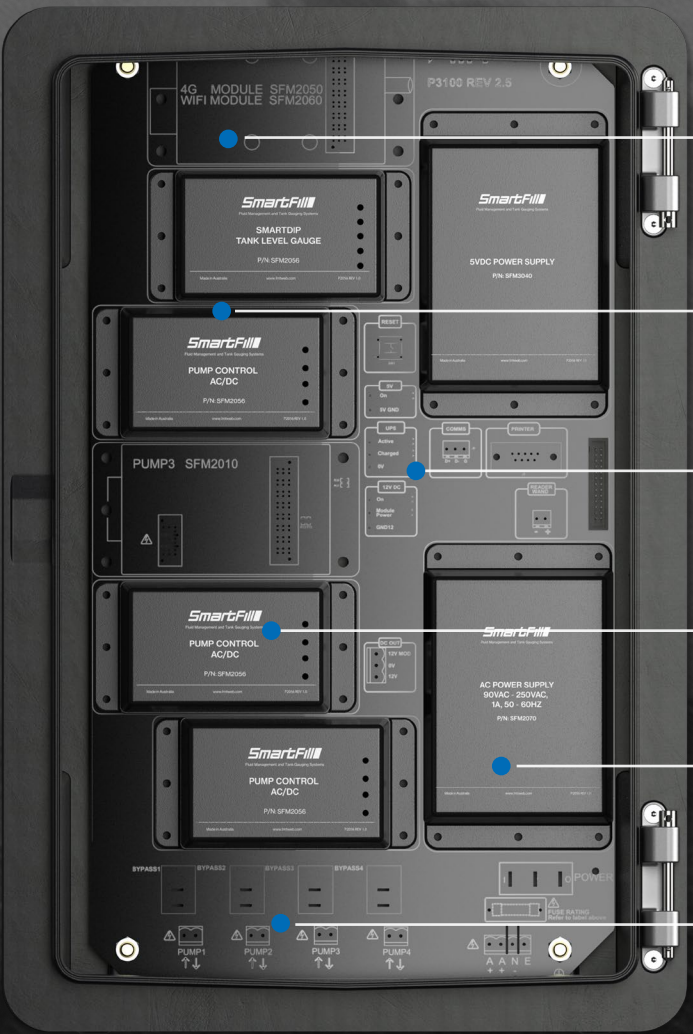
Automatic tank gauging

Remote diagnostic capability

Pump & dispenser control modules

AC or DC power for fixed or Vehicle Mounted units

Emergency Bypass Override for fail-safe operation



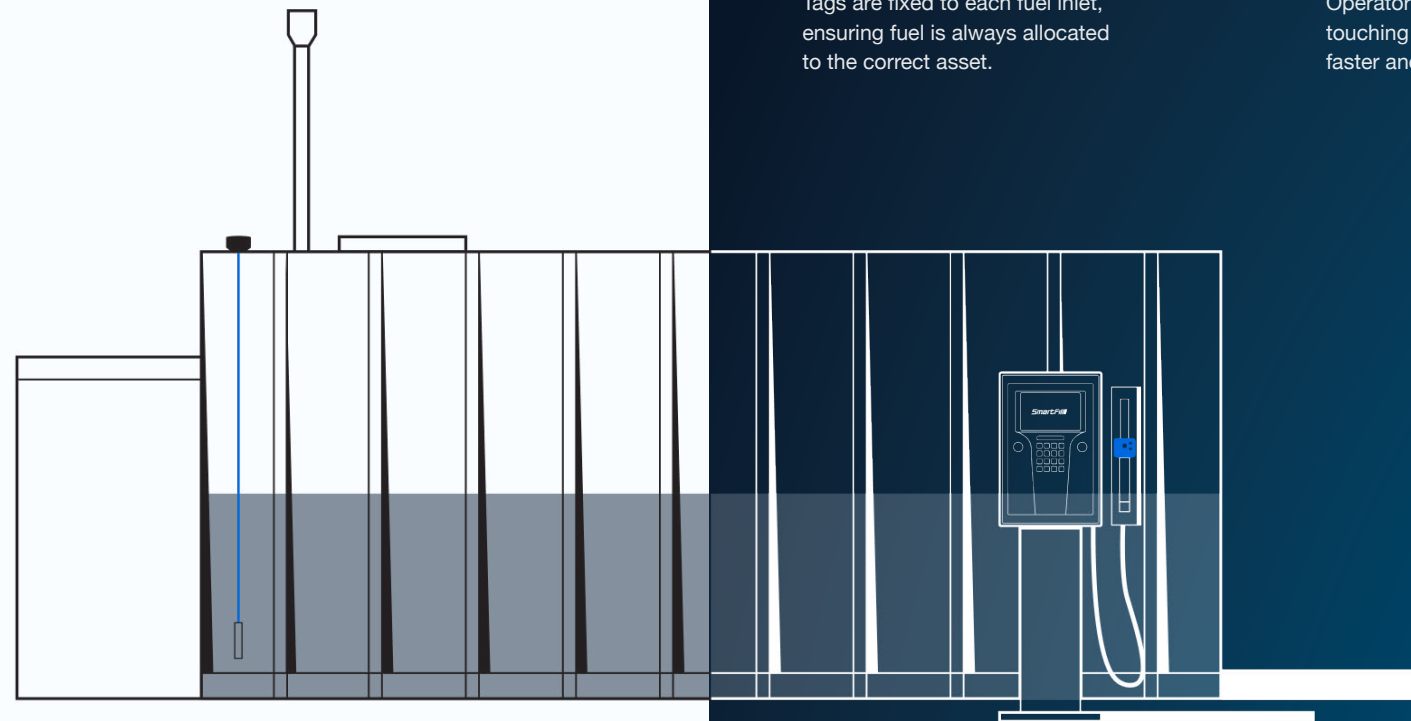
Supporting North America
from Michigan, USA

Easy to Service & Upgrade

SmartFill’s modular design makes servicing and upgrades simple. Each component can be replaced in minutes keeping operations running, downtime low, and maintenance costs predictable.

Tank Gauging Solutions for SmartFill

SmartDip integrates seamlessly with SmartFill to deliver live tank data, automatic delivery detection, and reconciliation accuracy. Eliminate manual dips, prevent downtime, and keep your fuel inventory precise and reliable.



Automatic Alerts

Send low level warnings to managers and suppliers, and get instant confirmation when deliveries arrive.

Optimise Fuel Ordering

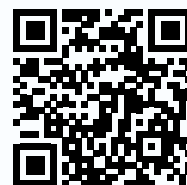
Prevent oversupply, estimate days to empty, and avoid emergency callouts by sharing your tank data with your fuel suppliers.

Live Tank Data

Wired SmartDip checks your tank every minute - giving you real-time levels and automatic alerts when deliveries are made.

Want more information about SmartDip?

Visit our website fmtweb.com or scan the QR code.



Automatic Vehicle Identification with SmartTag

SmartTag brings automation and accuracy to every refueling event. Mounted on each nozzle, the SmartTag reader automatically identifies the vehicle as it's refueled — eliminating manual data entry, shared fobs, and reducing the risk of theft.

Improve Accuracy of Data

Tags are fixed to each fuel inlet, ensuring fuel is always allocated to the correct asset.

Automate Refuelling

Operators can refuel without touching the console, resulting in faster and more reliable operation.

Prevent Theft and Misuse

SmartTag can be configured to pause transactions when the nozzle is moved too far from the tag.



Want more information about SmartTag?

Visit our website fmtweb.com or scan the QR code.



All Your Fuel Data in One Easy Dashboard

The FMT web portal gives you complete visibility across every site, tank, vehicle, and transaction in real time. Designed to simplify reporting and reduce admin workload, the portal makes it easy to manage users, track consumption, reconcile inventory, and generate reports from anywhere.



Discover fuel usage trends across your fleet

Analyze transactions by vehicle or driver to uncover fuel trends and identify inefficiencies. SmartFill helps ensure every vehicle is performing at its best.



Track tank levels to prevent running out of fuel

Monitor tank levels in real time. Set automatic low-level alerts to notify managers and suppliers before you run out of fuel.



Allocate fuel to accounts and contractors

Allocate and track fuel by account, department, or contractor. Create custom pricing and billing reports for accurate cost recovery.



Reconcile your fuel usage & supplier deliveries

Reconcile delivered fuel against usage to maintain accurate records and detect discrepancies. Ensure every gallon received is accounted for in your system.



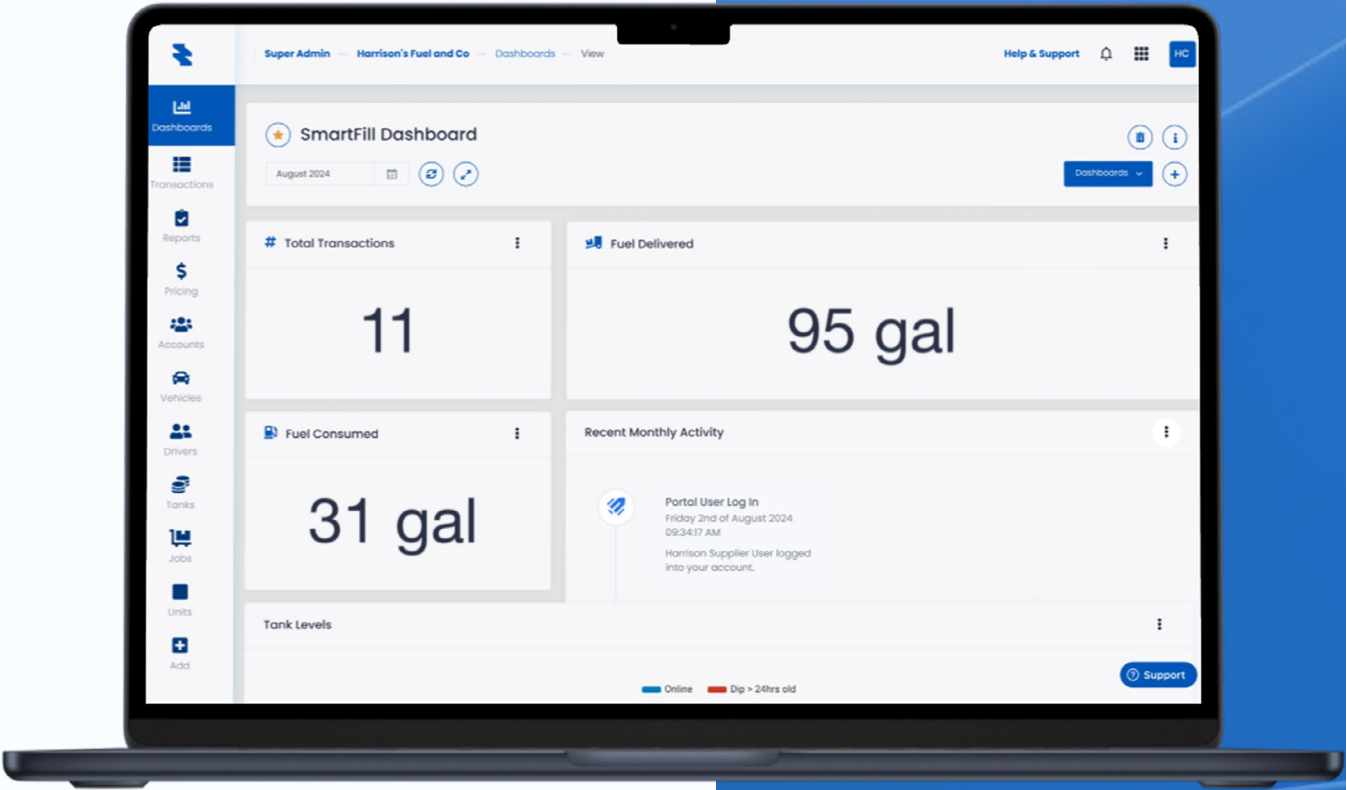
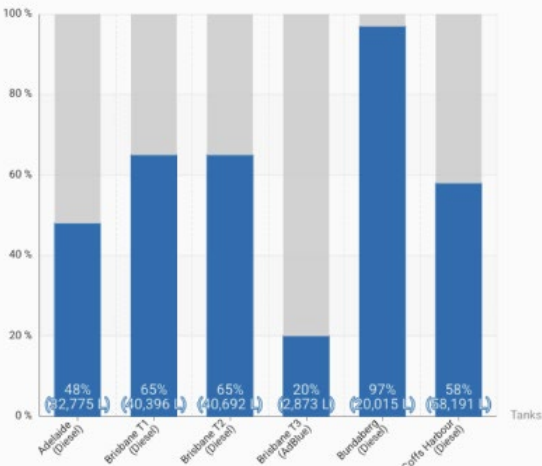
Simplify tax rebates and carbon reporting

Automatically calculate fuel tax credits and carbon emissions for ESG reporting. Separate onsite and offsite fuel use for auditable rebate claims.

Fuel Consumed

161,696 gal

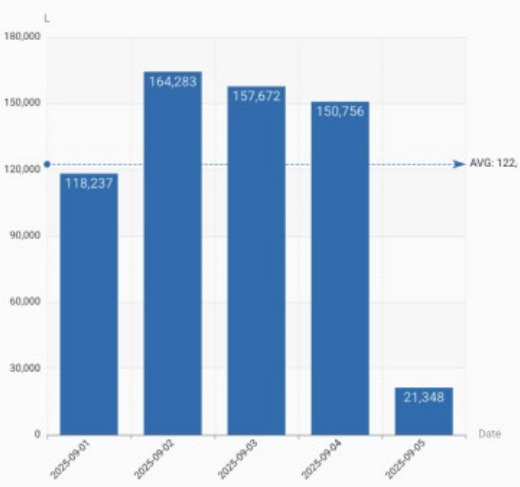
Current Tank Levels



Fuel Tax Credit Report by "Vehicle"

Report Period: Mon 1 Sep 2025 12:00 AM – Tue 30 Sep 2025 11:59 PM
Report Total: 163,375.77 Litres / \$ 240,162.33

Fuel usage



For a full demonstration of the software go to www.fmtweb.com



Reconciliation Report

Site: Canning Vale			
Tank	Opening Dip Time	Opening Dip	Transactions
Canning Vale AdBlue	2025-09-01 02:58:14	842	24.16
Canning Vale Diesel	2025-09-01 00:01:34	2564	855.40

*Free and paid features shown



Our clients

Trusted by Thousands of Businesses Worldwide



Case studies

Case Studies



Nick Papadopoulos

Senior Blue Sky Supply Scheduling/Processing & Delivery Specialist

“SmartFill has revolutionized our approach to fuel management at TMCA. The system’s seamless integration, user-friendly interface, and robust reporting capabilities have empowered us to take control of our fuel expenses and optimize operational efficiency. It’s not just a fuel management system; it’s a strategic tool that has positively impacted our bottom line.

Beyond the immediate benefits, SmartFill has also positioned TMCA for future growth. The system’s scalability ensures that it can adapt to our evolving needs. The ongoing support from Fluid Management Technology has been commendable, showcasing their commitment to customer success. As we continue to explore ways to enhance our operations, SmartFill remains an integral part of our strategy for efficient and cost-effective fuel management.

In conclusion, the adoption of SmartFill has been a transformative journey for TMCA, providing us with the tools needed to navigate the complex landscape of fuel management in the automotive industry”



David Richards




Customer Success Manager

“We were under the DocMatrix system for many years and were experiencing numerous issues with the fueling system. After looking at several vendors and researching several companies, Fluid Management had the better product for our needs.

SmartFill is a web based product and it is much easier to resolve any issues that might arise. Case in point - an upload was sent to one of the dispensers but somehow malfunctioned and the issue was resolved within minutes of discovery. The employees love this new system. It is much easier to fuel the vehicles because it recognizes the vehicle number and assigns the type of gas the vehicle requires.

We can enable or disable the employees from fueling within a matter of seconds, which is a great feature, and reconciliation is also a must have – especially in the State of New York”

Specifications

Size and Weight	Height: 17.6 in Pedestal Height: 50 in	Width: 11.8 in Depth: 7.0 in	Weight: 13.9 lb
Enclosure Construction	Automotive grade glass reinforced nylon		
Display	Marine Grade-7.0” WVGA TFT-LCD display, 800x480 resolution		
Keypad	Vandal resistant 16 key, stainless steel buttons		
Operating Temperature	-40°F to 185°F		
Power Requirements: AC	90~250VAC-0.6A@115VAC 0.4A@230VAC		
Power Requirements: DC	9.4-36VDC-1.8A@12VDC		
Pulser Input	Reed switch or Hall Effect, high level voltage 5-12VDC		
Pumps Supported	Mechanical pump and flow meter (1-4 pumps); Electronic (1-8 pumps): Gilbarco, Wayne Dart, Wayne CL, Bennet, Tatsuno, Tokheim		
Relay Switching Capability	AC switching 240VAC 10A, DC switching 24VDC 5A		
Nozzle Authorization	Normally Open Nozzle Switch or Walk Time		
DC Power delay Switch	Normally Open Switch rated to 36VDC 2A		
Readers	Included: NFC reader; Optional: iButton, magnetic-stripe, HID, barcode, and SmartTag		
Tank Gauging (optional)	SmartDip or TLS Interface		
USB	USB2.0 typeA interface included		
Ethernet	10/100 Mbps		
4G LTE (optional)	LTE FDD RF band: 1, 2, 3, 4, 5, 7, 8, 9, 12, 13, 14, 18, 19, 20, 25, 26, 28 HSPA+ band: 1, 2, 4, 5, 6, 8, 19		
WiFi (optional)	Dual-band Wi-Fi 4 (802.11 a/b/g/n, 2.4 & 5 GHz) with WPA, WPA2, WPA3 security		
Mounting options	Included: Wall, base and flush mount fixings included; Optional: Pedestal		
Installation Requirement	To be installed in an unclassified location as defined by NEC Article 500, where no hazardous (classified) atmosphere is expected to be present under normal operating conditions		
Certifications	   NMI S559 IP65		

Configure SmartFill for Any Site

Optional ID Methods

FMT offers a range of identification technologies for vehicles and drivers, giving you the flexibility to choose the method that best fits your operation.

ID Tags

FMT supplies a range of durable ID tags designed to work seamlessly with SmartFill units.

Automatic Tank Gauging

SmartFill integrates with a wide range of tank gauging solutions to provide accurate, automated fuel level monitoring.

Modules

FMT offers a range of plug-and-play modules, allowing you to expand or upgrade your SmartFill system as your needs and technology evolve.

Accessories

FMT provides a range of accessories for your SmartFill unit.

Nozzle-mounted SmartTag

Handheld SmartTag

Swipe Card Reader

HID Card Reader

Handheld Reader Wand

Unit mounted iButton Reader

Barcode Reader

NFC Fob / Card

iButton / Dallas Key

Vehicle Mount Tag

Vehicle Mount iButton

Wired SmartDip

Wireless SmartDip

TLS Interface

Pump Controller

NMI Pump Controller

Dispenser protocols

Wireless Comms

AC Power Supply

DC Power Supply

Dual Band Wi-Fi

4G LTE Communications

High range Antenna

Pedestal

Helping You Control, Measure and Report Your Fuel Data

SmartFill gives you the reliability, accuracy, and visibility you need to run safer, more efficient fuel operations. Whether you manage a single jobsite or a nationwide fleet, our systems are built to perform in the toughest environments and backed by expert support in the USA.

Want more information
or a demo?

Visit fmtweb.com or scan the QR code

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Email: sales.us@fmtweb.com

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