



SmartFill

The Complete Fuel Management System

- 🔑 Control access to fuel
- 📊 Measure usage
- 📄 Report from anywhere



Engineered for the world's toughest sites, SmartFill gives you total accountability over every drop of fuel

Collect the Data That Matters to Your Business

The SmartFill Gen 3 console lets you collect the data your business needs, no more, no less. Choose any combination of the options below and simply turn them on or off from the cloud-connected FMT web portal.

Our experience

4800+
Companies Supported

27 Years
of SmartFill FMS

80 Million+
Transactions Monitored



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

Mileage and Hourmeter
Prompt operators for odometer readings before fuelling to accurately track fleet efficiency and utilisation.

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

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

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

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

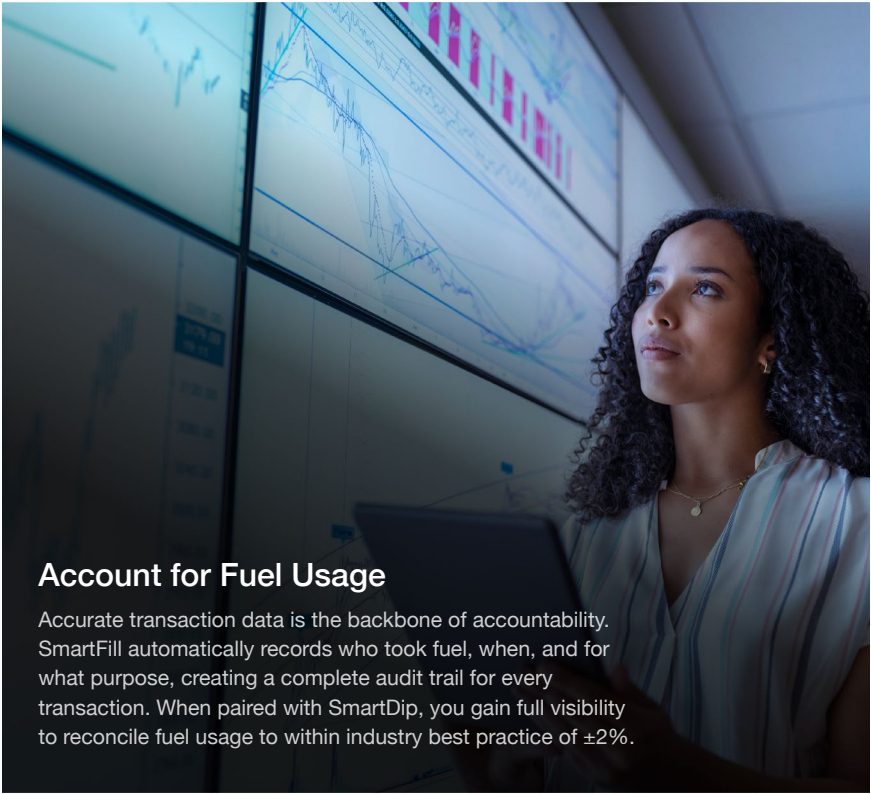
Gain Total Visibility of Your Fuel Operations

FMT helps define industry best practice in fuel management. These five core goals form the foundation of every efficient fuel operation, and every FMT system is designed to help businesses achieve them with accuracy and reliability.




Prevent Fuel Theft

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



Account for Fuel Usage

Accurate transaction data is the backbone of accountability. SmartFill automatically records who took fuel, when, and for what purpose, creating a complete audit trail for every transaction. When paired with SmartDip, you gain full visibility to reconcile fuel usage to within industry best practice of $\pm 2\%$.



Manage Tank Levels

Visibility starts at the tank. SmartDip gives you live oversight of fuel levels, deliveries, and usage. Monitor tanks remotely, set automatic alerts, and schedule refills before shortages occur.



Report Remotely

With admin teams often hundreds of miles from site, remote management is essential. FMT's connected systems let you monitor fuel usage, update users and assets, and oversee sites from anywhere. Built-in remote support and diagnostics ensure uptime and control, even in the most isolated locations.



Reduce Manual Inputs

Automation saves time and eliminates error. FMT's cloud-connected systems replace manual entry with automatic, real-time reporting. Cutting admin time and improving data accuracy across your entire operation.

Engineered for Remote & Harsh Environments

SmartFill™ Gen 3 is the culmination of over 25 years of fuel management experience across every industry and environment with on-site storage. It's proven to perform in the world's harshest conditions, from the scorching deserts of Australia to the deep freezes of Canada.

Automotive-grade glass reinforced nylon enclosure

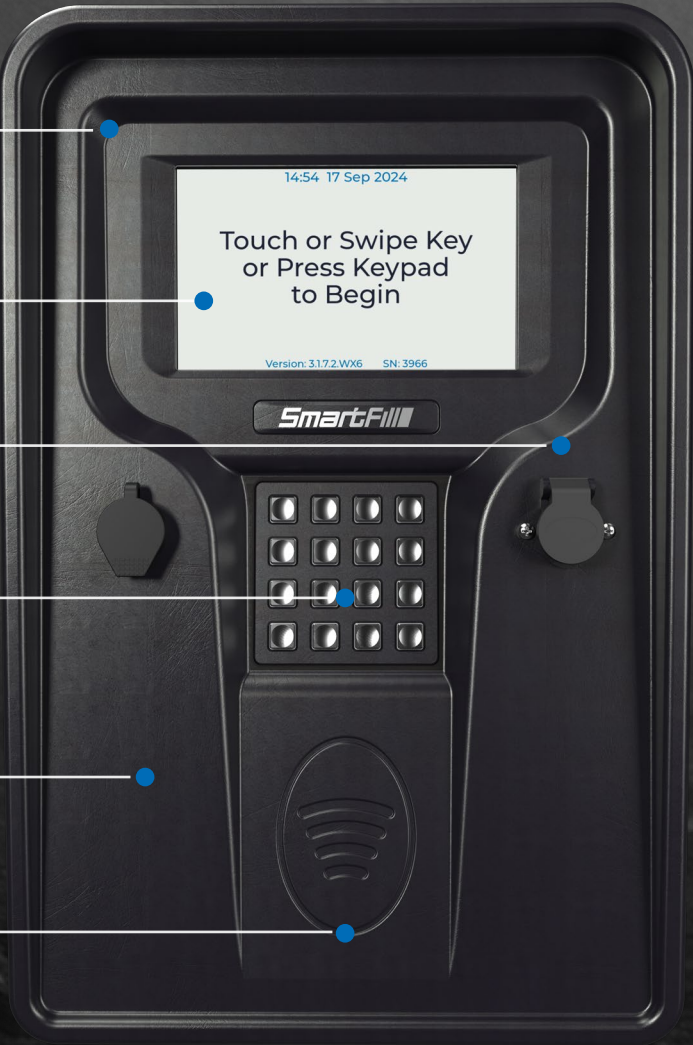
Marine-grade 7" colour display for sunlight readability

USB Backup for offline data

Vandal resistant keypad with stainless steel buttons

Optional ID methods such as Swipe and HID cards

Built-in NFC tag reader



ENVIRONMENTAL FEATURES

- IP65 protection – sealed against dust and water ingress
- Operating range – tested from -40 °C to +85 °C
- UV-stabilised, corrosion-resistant enclosure

4G LTE, Ethernet, Wi-Fi connectivity options

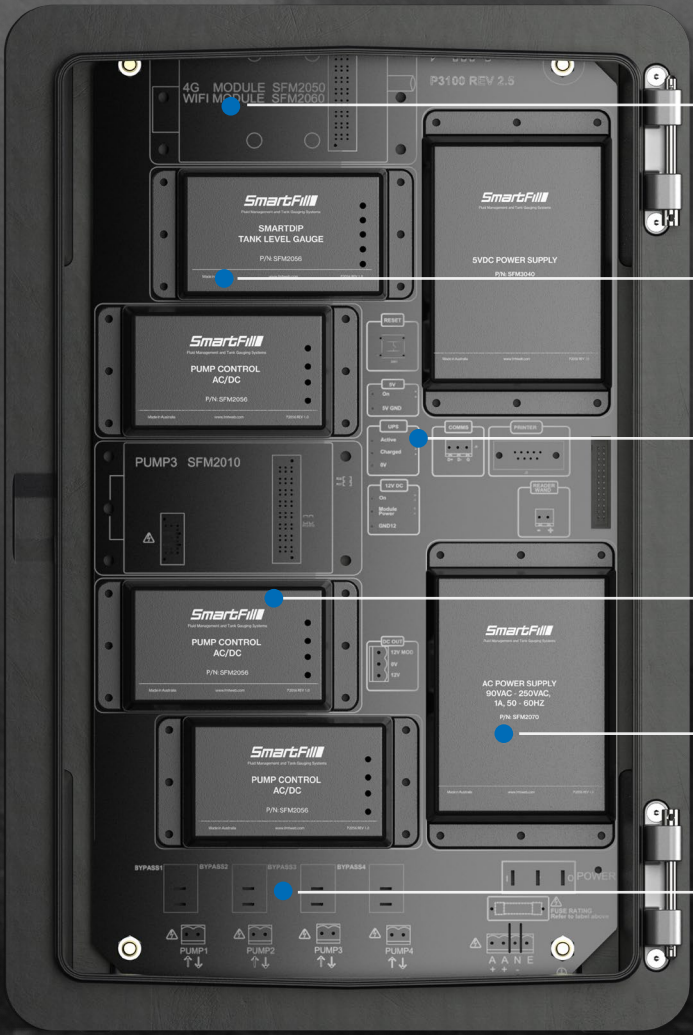
Automatic tank gauging


Remote diagnostic capability

Pump & dispenser control modules

AC or DC power for fixed or Vehicle Mounted units

Emergency Bypass Override for fail-safe operation



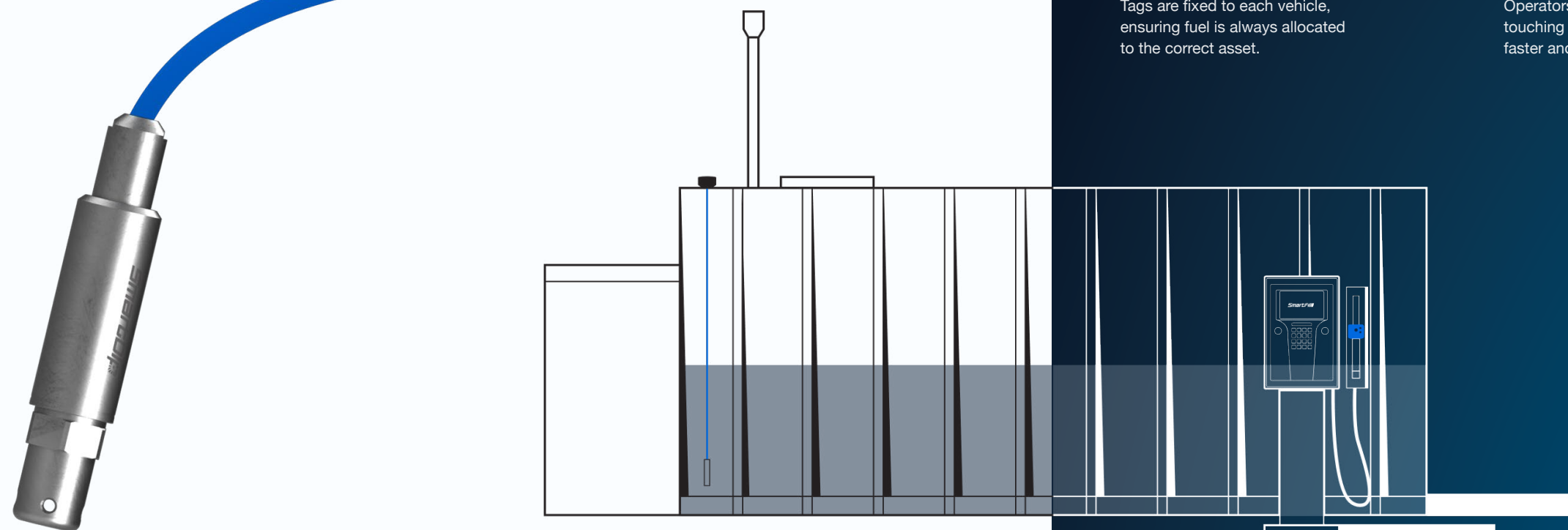
 Engineered and Assembled in Australia

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 over supply, estimate days to empty and avoid emergency call outs 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 fntweb.com or scan the QR code.



Automatic Vehicle Identification with SmartTag

SmartTag brings automation and accuracy to every refuelling event. Mounted on each nozzle, the SmartTag reader automatically identifies the vehicle as it's refuelled — eliminating manual data entry, improving accuracy, and reducing the risk of theft or misuse.

Improve Accuracy of Data

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

Automate Refuelling

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

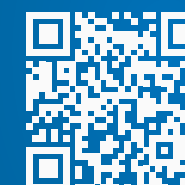
Prevent Theft and Misuse

SmartTag automatically detects authorised vehicles and can trigger alerts for suspicious behaviour.



Want more information about SmartTag?

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



All Your Fuel Data in One Easy Dashboard

Manage every site, tank, and transaction from a single, easy-to-use dashboard. Designed to simplify reporting, strengthen compliance, and reduce time spent on fuel admin.



Discover consumption trends in your vehicles & tanks

Analyse 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 - anywhere, anytime. 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 litre received is accounted for in your system.



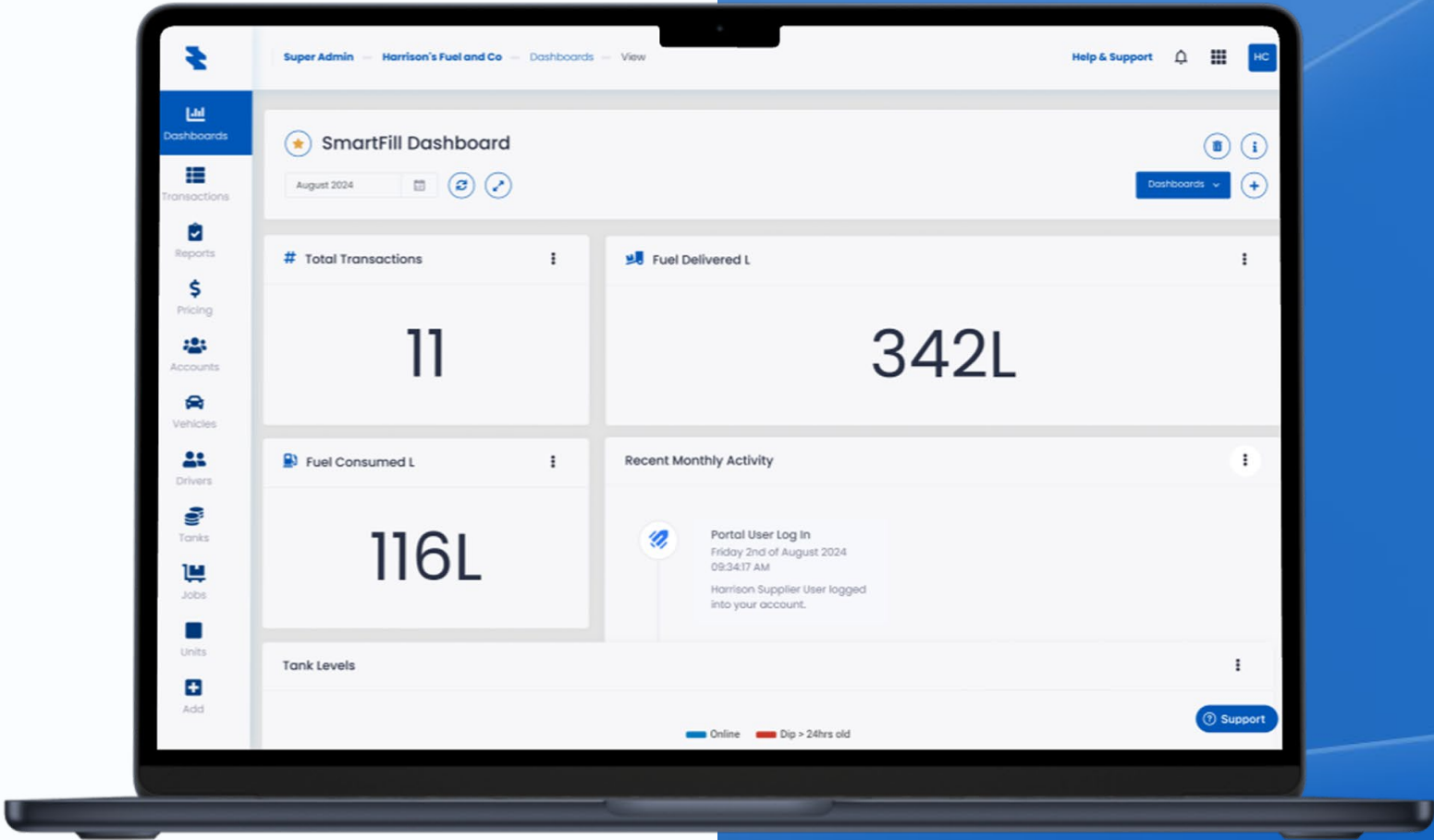
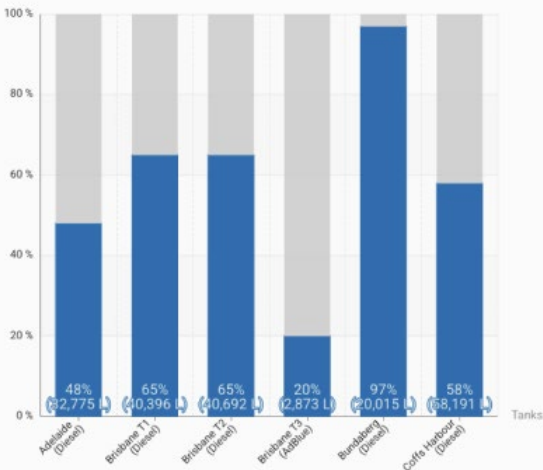
Simplify tax rebates and Carbon Reporting

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

Fuel Consumed L

612.30kL

Current Tank Levels

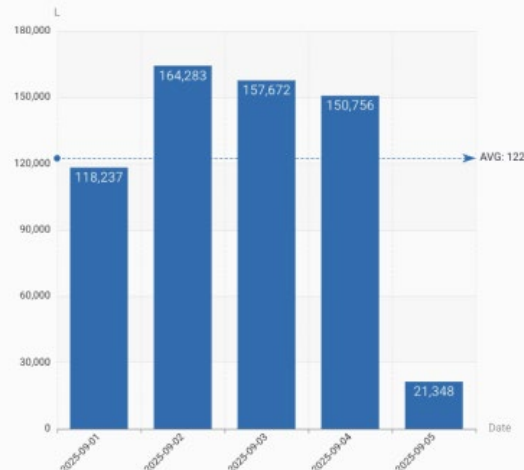


Fuel Tax Credit Report by "Vehicle"

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



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

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





Our clients

Trusted by Businesses Worldwide



Case studies

Case Studies



Clinton Knight

Project Manager

“Before implementing SmartFill, we had no reliable way of tracking our fuel usage across the business. Now, everything we need is right there at our fingertips - from monitoring individual transactions to keeping an eye on our tank levels. The system has made it incredibly easy to track and manage fuel use, and we’ve noticed a clear reduction in our overall consumption since installing it.

The setup process was straightforward, and the support from the FMT team has been brilliant from start to finish. Any questions we’ve had have been answered promptly, and the team made sure the system was configured to suit our specific needs. With two tanks on site (10,000L and 6,000L) and a mobile service truck (2,000L), being able to see our stock levels at a glance makes reordering and fuel planning simple and stress-free.

It has completely transformed how we monitor fuel usage and has given us the ability to make more informed decisions. I can confidently say it’s made fuel management easier, more accurate, and more cost-effective for us.”



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”

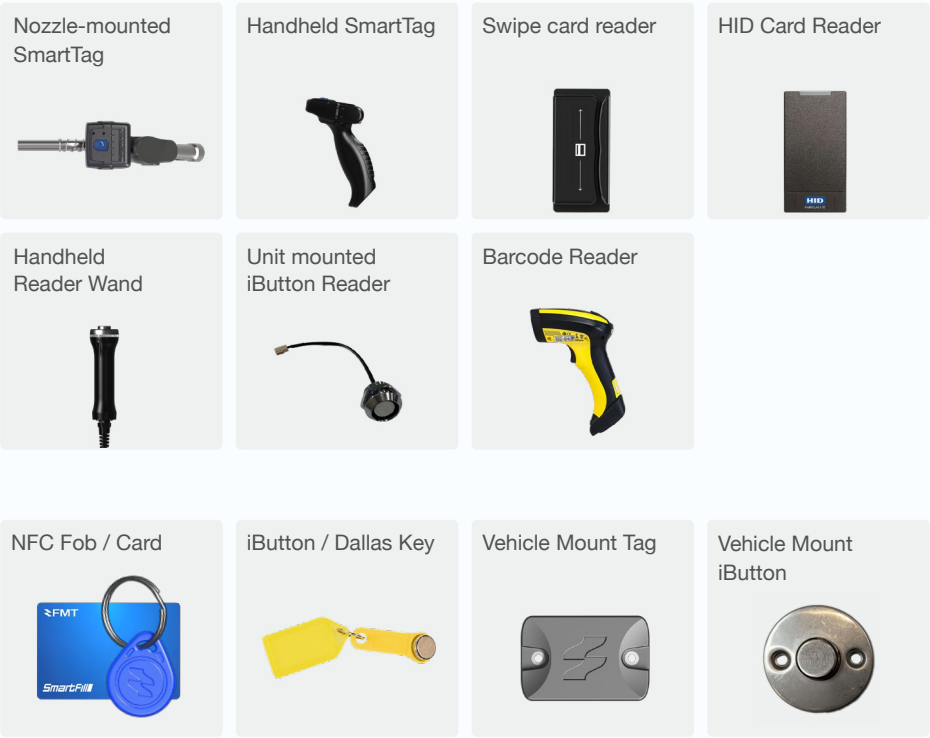
Specifications

Size and Weight	Height: 450 mm Pedestal Height: 1270 mm	Width: 300 mm Depth: 178 mm	Weight: 6.3 kg
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°C to 85°C		
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, Compac, Wayne Dart, Wayne CL, Tatsuno, Tokheim, PEC		
Relay Switching Capability	AC switching 240VAC 10A, DC switching 24VDC 5A		
Nozzle Authorisation	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 outside of the hazardous zone for flammable liquids such as gasoline and E85		
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.



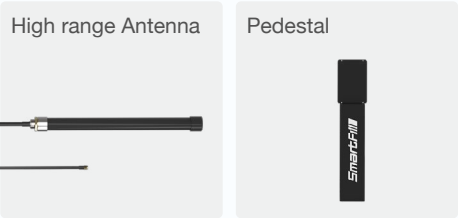
Modules

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.



Helping You Control, Measure and Report Your Fuel Data

Want More Information
or a Demo?

Visit fmtweb.com or scan the QR code

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