

SmartFill

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

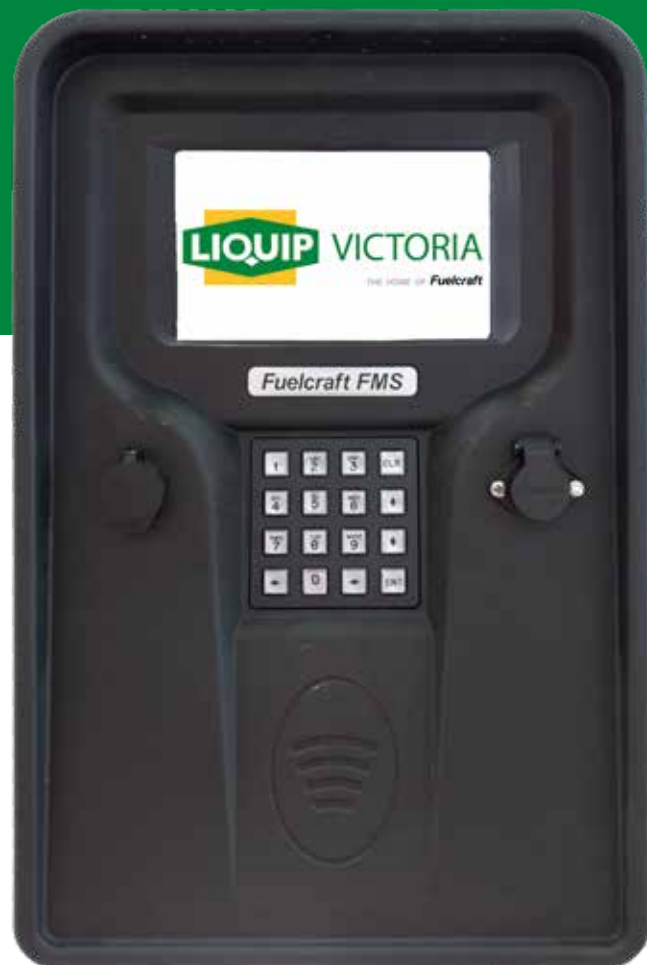
The World's Most Functional Fuel Management System

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

**CLOUD
BASED
TECHNOLOGY**

**NO
ONGOING
COSTS**

**NO
PC SOFTWARE
NEEDED**



FREE
Ongoing access
is available for
your data

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



Collect, View and Manage all your Fuel Data

The SmartFill Gen 3 console lets you customise data collection to suit your business by enabling only the features you need through the cloud-connected FMT web portal.

Tank Levels

Integrate automatic tank gauging to monitor fuel volumes in real time, set low-level alarms, track deliveries, and prevent unexpected shortages.

Driver Identification & Access Control

Authorise drivers and restrict fuel access by time of day, fuel allocation, or approved vehicles to improve accountability, security, and theft prevention.

Vehicle, Plant & Usage Tracking

Record fuel usage by vehicle, plant, or equipment, with optional limits and prompts for odometer or hourmeter readings to monitor utilisation and efficiency.

Job, Account & Contractor Allocation

Allocate fuel to jobs, projects, departments, accounts, or contractors for accurate cost tracking, billing, and cost recovery.

Custom Data Fields

Capture user-defined information such as VIN, harvest, route, or other operational data to suit your reporting requirements.

Fuel Reconciliation

Compare fuel deliveries against dispensed transactions to detect discrepancies and maintain accurate inventory records.

Consumption Analysis

Analyse fuel usage by vehicle, driver, or tank to identify trends, inefficiencies, and opportunities to improve performance.

Tax Rebates & Carbon Reporting

Automatically calculate fuel tax credits and carbon emissions, with separate tracking of onsite and offsite usage for audit-ready reporting.

Remote Reporting & Management

Monitor sites, update users and assets, and access real-time reports from anywhere, with remote diagnostics and support.

Automated Data Capture

Eliminate manual entry by automatically recording who took fuel, when, where, and for what purpose, creating a complete audit trail while improving accuracy and reducing administration.



Designed for Real World Applications

Mining

Throughout Australia and the world, SmartFill GEN 3 controls and records the hundreds of millions of litres of fuel needed every day to mine and process everything from coal to gold.



Municipalities

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



Service Vehicles

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



Marinas

Specifically designed for the harshest of environmental conditions, SmartFill GEN 3 stands the test of time and tide in Marinas.



Civil Construction

Handles extreme weather conditions from -25 to +55 degrees in isolated areas.



Transport

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



Configure SmartFill for any Site

SmartFill ID Button reading Wand

Improves cost savings and data integrity by:

- Easily installed to existing or new systems.
- Mounts to the vehicle with 2 screws or rivets.
- Minimising misuse / swapping / loss / theft of keys.



SmartTag - Automatic Vehicle Identification

SmartTag™ gives you accurate, automatic vehicle identification at the nozzle, so every drop of fuel is tied to the right asset. No more shared fobs or pin codes between drivers.



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.



NFC Keys and Fobs

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



Barcode Reader

For ultimate flexibility and integration for your system. Easy to use and functionality in one unit.



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.



SmartDip 12V

SmartDip 240V



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.

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.

- 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
- 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






IP65 protection – sealed against dust and water ingress

Operating range – tested from -40 °C to +85 °C

UV-stabilised, corrosion-resistant enclosure

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		
Pulsar 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	USB 2.0 type A 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 5559 IP65		