



## Flow bins

Flow bins installed with the Digit Dfuel management solution are convenient for many stationary and mobile applications with live 30 second updates on current tank volumes. Dispensings are reported via SMS and email. All dispensing values and activities are recorded on the cloud server offering a convenient and accurate audit trail and accounting of the liquid asset.



### Live monitoring

Live information and activity transmitted within seconds on the GSM network of your choice, with low cost international roaming options available.



### Current GPS location

Our multi-constellation GNSS receiver provides accurate positional data and real time stamping.



### Mobile Friendly

Our web-based app is super easy and friendly to use on your computer, tablet and phone.



**DigitFMS**

# DigitFMS Fleet & Fuel Management

Digit DFuel is a comprehensive fuel management system installed into new or existing non-commercial fuel storage or dispensing systems. Suitable for use on static tanks and mobile bowsers to monitor and control both fuel receipts and various site dispensing. With live residual tank levels displayed after each event both on the controller and the web portal - all viewable from any mobile device or computer.

**Contact us:**

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# A great solution for the management of your fuel



**Cloud Server**  
Saved to the cloud

All data is updated every few minutes to the server and made instantly available on our online portal. Receive alarm notifications directly to your phone and have all your site history instantly accessible



**R2D Controller**  
Main fuel controller

The Digit DFuel Controller with remote adjustable LCD display including covert non-display settings. The adjustable brightness allows easy viewing from any angle.



**Live Levels**  
Tank level sensor

Our tank level sensor displays live fuel levels at the controller and web portal as well as monitoring any fuel adds and drops with precision, providing fuel theft alerts and low level alarms.



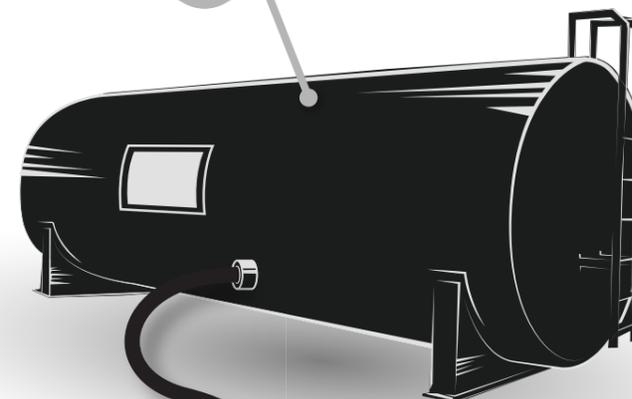
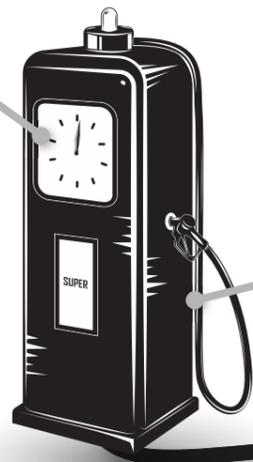
**Pump Control**  
Solenoid switch

Control the flow of fuel from the pump with an electrically controlled valve and/or pump motor contactor. Both prevent dispensing from unauthorised ID tags.



**Reading Flow**  
Flow meter

The accurate volumes dispensed can be metered by an array of different flow meters.



# Management made easy

With more than 14 years experience in telemetry and IT systems we are making this proudly South African product affordable and available for easy integration with both existing and new infrastructure. Managing and accounting for every litre received and dispensed is essential for profitability. With the current prices of Kerosene fuels can you afford not to?



## Installation

*You have taken the step to install a state-of-the-art fuel depot at your premises and now you want to add a system that can do fuel monitoring. You should consider a solution that integrates directly with your already owned hardware.*

*Digit Dfuel system will integrate and make your remote site fuel visible from the luxury of your mobile device, notifying you on live fuel events whether you are on-site, in your office or on the go.*

*The Digit Dfuel solution is well suited for solar power applications including smaller tanks with gravity feed dispensing.*



### Fuel Dispensing

The Digit Dfuel controller will display the current fuel volume dispensed at the pump as well as the remaining fuel in each storage tank. With data uploading to the cloud this information is available on your computer within seconds.



### Fuel Levels

A maximum of 3 fuel tanks can be monitored from a single Digit Dfuel controller. The scrolling display reports the current level in each tank while a convenient summed value and percentage is displayed permanently.



### Secure Dispensing

The system automates control and security, with only authorized button tags and users accepted. Easy allocation of up to 1400 different tag numbers with our USB powered Tag2Text readers.

## 01 Level Sensor

The primary fuel monitoring device is a level sensor on your physical bowser/fuel storage tanks. All live levels and any changes are frequently recorded on the server, even a one litre change in 9000L can be recorded.

## 02 Measurement

If possible we integrate into your existing flow meter pulse or provide you with a reputable and calibrated alternative to measure the flow and volume dispensed in any one event.

## 03 Control

When it comes to saving money, you need control in order to account for every litre dispensed, to know where it was issued, by whom and to record the asset or vehicle receiving the fuel. We also offer fleet management platforms to report and compare the fuel volumes received by the same vehicle.

## 04 Secure PSU & Controller

The secure aluminum box enclosure includes a power supply with back-up battery. It houses the LCD screen and tag receptacle, giving you peace of mind back-up power and fuel monitoring during a power outage.

# Easy Reporting

From the online software, a general dashboard overview of user and controller information is available below a map of the current live position of the controller. A controller can monitor up to three storage tanks with a simple representation of the live liquid level in each tank. The software platform offers an extensive range of services and reports to manage and control your liquid assets. Reports included are **Tag Specific Reports, Tag Summary Reports, Fuel Add/Drop Report, Dispense Report, Fuel Level Report, Controller health report** and many more.

## Management Tools

It is great to have a consumer solution that has extensive reporting structures, however, if it does not integrate into your existing company IT structure it is not going to be utilised to its full potential. R2Dfuel has a full suite API to integrate into existing systems. We have the experience and services to assist with data availability and access to the right level of audience.



### Multi-tier setup

Setting up companies and assigning users with various levels of access and information is really simple.



### Remote device setup

All setting and adjustments can be handled remotely by an administrator. Instantly add or delete user button tags. Remotely lock or unlock device in emergencies.

## Instant Notification

Setup the Digit Dfuel controller to SMS nominated personnel with notifications specific to fuel drained from main tanks, fuel pumped outside of authorized time frames, fuel dispensed in excess of your chosen maximum volume, low level alarms, tank sensor cable detection, water detected in tanks and many more.

