

HOW CAN I PROTECT MY SITE FROM THEFT?

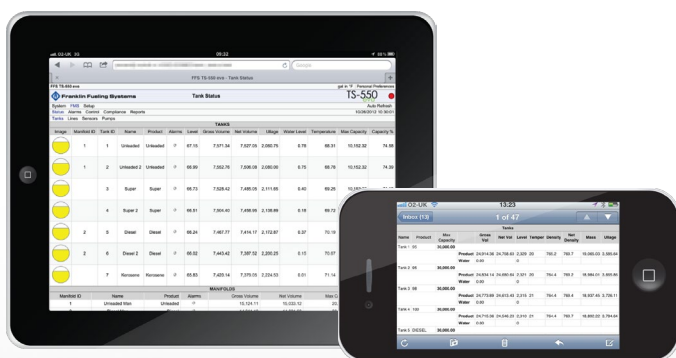
What steps can service station owners take to protect their fuel?

T5 SERIES TANK GAUGES

Our T5 series tank gauges feature highly sophisticated processors and software. The powerful rules engine allows you to wire various inputs and outputs to determine if a legitimate transaction is underway and, if not, to take several actions:

- Sound audible alarm (scare the thieves)
- Silent alarm (send email to site owner, police dept., etc.)
- Turn on floodlights and/or CCTV cameras
- Trigger other theft deterrent systems
- Combinations of actions above

Pairing the T5 series fuel management system with a few third-party sensors or accessories can greatly improve your ability to protect your fuel.



VIDEO SURVEILLANCE

By pairing your video equipment with a T5 Series tank gauge, you can automatically shut down a dispenser if the video surveillance camera covering it goes down. This feature allows station owners to have a video record of theft; if a thief disabled the site cameras then the ability to pump fuel would be disabled.

MAGNETIC SENSOR DEVICE

A magnetic contact sensor includes two surface mounted magnets which can send a signal to a controller when one magnet moves away from the other. Mounting a magnetic sensor device on your dispenser access panels or your exterior doors and pairing with a T5 series tank gauge provides added

security against theft. You can program the tank gauge to sound an audible alarm or send a text message or email alert to you or the authorities if either are opened when they shouldn't be. The ability of the tank gauge to alert you to tampering with the pumps, such as during the installation of a credit card skimmer, is also possible.

SENTINEL MODE

While in Sentinel Mode, any amount greater or equal to the user programmed theft limit leaving a tank will trigger an alarm. This mode is ideal for times when a site shuts down and no dispensing is expected. For sites open 24 hours a day, other features are available to protect fuel inventory. Various 'timeouts' can be set via the fuel management system in order to avoid fuel theft; limiting how long a dispenser is authorized before the customer takes action and how long the dispenser remains enabled after fuel has started flowing. Using this timeout system a transaction in progress alert can be set up to automatically shut down STPs after a certain amount of time.

RECONCILIATION

Reconciliation of sales from the dispenser to the inventory in the tank is another way of detecting theft. Our automatic tank gauges continuously monitor sales data from the dispensers and compares it to how the volume in the tank changes. The console, showing the variance of a specific tank for a specified time frame, can generate reports. A large negative variance indicates the removal of fuel from a tank without being dispensed into a customer's vehicle.

DENSITY MEASUREMENT

Density Measurement can be useful to help a site determine the quality of the product deliveries that they receive and whether or not they've been altered in any way. Thieves may try to outsmart a fuel management system by adding a replacement fuel or adulterate as they remove the good fuel. Density floats monitor the quality of fuel to ensure that volume, density and mass remain the same, so you know that your fuel has not been tampered with.

JASON GRANT (Associate Product Manager, Fuel Management Systems)

As a member of the Franklin Fueling Systems team for 10+ years, I have developed an in-depth knowledge of the Fuel Management Systems product line. I have 20+ years of experience with the manufacture, installation, maintenance, and support of electronic equipment across several industries. In my current role as Associate Product Manager, Fuel Management System I will be focused on supporting and growing the product line, as well as developing and introducing new and innovative products.



Do you have a question for a Product Manager?

If you have a question for one of our product managers, please submit your question to info@franklinfueling.com.