

Upgrade to the TLS-450PLUS Automatic Tank Gauge

Elevate Your Fuel Management System

Why Upgrade?

The TLS-350 Automatic Tank Gauge (ATG) has long set the standard for exceptional quality in fuel management systems. Today, the TLS-450PLUS ATG builds on that solid legacy to set a new bar for reliability and convenience.



► BENEFITS

There are four areas that set the TLS-450PLUS apart from the TLS-350 and its competition:

- Connectivity
- Enhanced Security
- Lower Cost of Ownership
- Expanded Capabilities

Accu-Flo
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CONNECTIVITY

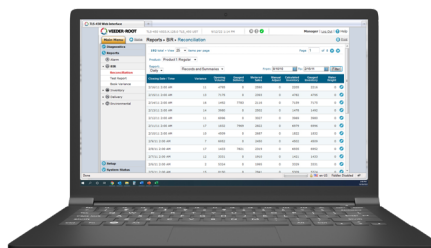
Whether you need to remotely access or configure your Automatic Tank Gauges from a computer, or you want to check fuel inventories and alarms from your mobile device, the connectivity features needed to get the job done come standard, exclusively on the TLS-450PLUS and TLS4 Series ATGs.



THE PLUS VIEW App

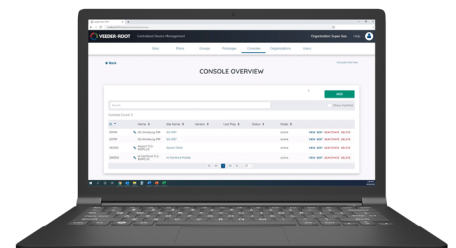
THE PLUS VIEW is a mobile app for Android and Apple iOS that connects you directly to the ATGs. Easily monitor inventory, delivery, and alarm data in real-time for remote displays on-site or for more remote mobile applications.

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Web-Enabled Interface

Gain remote access to your ATGs from any device, anywhere, as if you were standing in front of the ATG with the web-enabled interface; standard on every TLS-450PLUS and TLS4 Series ATG. View all active alarms, inventory data, deliveries, access and change configuration, and view compliance reports.



Centralized Device Management (CDM)

CDM is a server-based software package providing remote access and control of ATGs within your entire network of sites. You can update the console's software, backup the site's console data, and see what changes were made to the console's configuration, all remotely.



ENHANCED SECURITY

Whether a security breach comes from inside or outside an organization, older technology lacks modern security features needed to combat cyber intruders, who can wreak havoc on your business. Features such as strong encryption, configurable user access, and segmented network ports help ensure your network is safe at every level.

Rest assured with the comprehensive security features of the TLS-450PLUS, no matter your network's size, security comes standard with the TLS-450PLUS.



	TLS-350	TLS-450PLUS
Network Separation of Internet from POS	No	Yes
Encrypted Web Access (HTTPS)	No	Yes
Encrypted Serial Access (SSH)	No	Yes
Role-Based User Access	No	Yes
Front Panel Access Control	No	Yes
Network Routing Tables	No	Yes



LOWER COST OF OWNERSHIP

Upgrading to a TLS-450PLUS console provides an expanded, advanced feature set over the TLS-350 console and extends the warranty on most connected devices.

Significant labor savings can be gained with the TLS-450PLUS in comparison with the TLS-350, from the use of features like remote configuration, remote connectivity, automatic event notifications, and more. The TLS-450PLUS helps reduce downtime by ensuring you have real-time access to everything you need to keep your station in top condition.

COST SAVINGS CATEGORY	SAVINGS LEVEL
Equipment cost savings	\$
Remote troubleshooting and configuration	\$
Warranty extension	\$\$
Remote software download	\$\$
Free monthly software upgrades	\$\$\$
Reduced downtime due to real time access to data	\$\$\$\$



EXPANDED CAPABILITIES

Veeder-Root is continually upgrading and adding incremental features and enhancements to the TLS-450PLUS and TLS4 Series ATGs

Digital Pressurized Line Leak Detection (DPLLD)

The line volume expansion of DPLLD for the TLS-450PLUS provides advanced line leak detection to meet the capacity of growing fuel sites, certified up to 1,178 gallons (4,459 liters) of capacity.

In-Tank Calibration with AccuChart™

Our third generation AccuChart utilizes enhanced geometric tank chart modeling for the TLS-450PLUS with optional restricted tank ranges to perform calibration. Chart volumes are calculated using adjustable geometry parameters: diameter, capacity, end shape, tilt, and probe offset. Completed charts are established more quickly and with higher accuracy from a limited amount of data on the TLS-450PLUS.

Data Logging

Our data logging system has the ability to record inventory history, sensor history, and other reports at predetermined intervals. This feature is important as it can be used to reconcile business data and support audit integrity.

Intelligent Pump Control (IPC)

TLS-450PLUS software feature that enables communication between the ATG and Red Jacket® Submersible Turbine Pumps (STPs) through the IQ Smart Control Box for advanced pump control, as well as through FE Petro® controllers. With IPC, you are able to benefit from flow optimization, operational redundancy, proper equipment loading and protection, and more with pump staging, advanced pump dispense modes, line and pump priority, and other advanced pump control features.

Free Software Upgrades

Veeder-Root is committed to ensuring that your TLS-450PLUS and TLS4 Series ATGs are always up-to-date and secure with the latest features and enhancements. Software upgrades are always free, and available for download on veeder.com.

Automatic Events

Create custom alarms and email notifications, for anything from a daily inventory report to a catastrophic leak or equipment issue within any TLS-450PLUS or TLS4 Series ATG.

Diesel Exhaust Fluid (DEF) Recirculation

Unlike fueling products, DEF is extremely temperature sensitive, and will freeze when exposed to temperatures below 12°F (-11°C) or break down in conditions above 86°F (30°C). Veeder-Root's DEF Recirculation feature on the TLS-450PLUS ATG utilizes a sensor to measure the temperature of the DEF fluid between the tank and dispensing system and will circulate the liquid as temperatures approach a set threshold to ensure product quality is maintained.

In-Station Diagnostics (ISD)

Our California Air Resources Board (CARB) certified ISD system continuously monitors the vapor recovery equipment, maintains test records, provides test reports, and generates warnings or alarms following equipment failure.

FE Petro® is a registered trademark of Franklin Electric Company, Inc.

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Contact your salesperson to upgrade to the TLS-450PLUS today

Sales Contact:

Name:

Email:

Phone Number:

