

NEW WORLD. NEW STANDARD.

TLS-450

AUTOMATED COMPLIANCE AND SITE MANAGEMENT

At Veeder-Root, we've delivered over 100,000 times worldwide. With our new TLS-450 Platform, the same promises apply, along with new benefits that will keep your stations ready and help you adapt to changing regulations and business environments.



WELCOME TO THE NEW WORLD

The TLS-450 is the new standard in tank monitoring systems. The TLS-450 offers retail and commercial petroleum site owners automated compliance and site management so they are always inspector-ready, they always know their business status, and they are always in control of their fueling operations.

PROVE COMPLIANCE

**Always inspector-ready.
Meet all requirements.**

- Provides one-touch inspector-ready compliance reporting.
- Automatically stores and organizes compliance data for up to three years.
- Allows access to compliance data via web browser on a PC.

STAY IN COMPLIANCE

**Always know your compliance status.
Take instant action.**

- Provides automatic compliance update status via email.
- Customized alarms and built-in help menu ensure fast appropriate site action.
- Allows easy local or remote upgrades for future compliance requirements.

IMPROVE SITE MANAGEMENT

**Always control your inventory.
Eliminate service costs.**

- Provides inventory and delivery data via email or by a web browser on a PC.
- Custom alarms, remote diagnostics, & easy annual tests avoid unnecessary service calls.

TLS-450 FEATURES

The TLS-450 offers a variety of features for access, control, data storage, and business management. The base TLS-450 Console comes complete with the following communications features:

Total Access

Wherever you are, you can access or monitor your sites via web browser on your PC. Using the TLS-450 Direct Access™ software, you can securely control and modify configurations and diagnostics.

Total Control

Customize multi-level password access, alarms, email notifications, reports, built-in Help and dashboard views to make sure all sites are under control.

Extended Storage

Back up your reports, alarms, compliance, inventory and delivery data for up to three years on a Veeder-Root thumb-drive using the USB connection. The TLS-450 can also back up your setup settings.

SYSTEM CAPABILITIES

- Comprehensive compliance reports
- Up to three years of data history
- Inventory and delivery monitoring and reporting
- Supports up to 32 probes
- Interstitial/sump monitoring capabilities
- Dispenser sump monitoring capability

- Vapor well monitoring capability
- Groundwater monitoring capability
- Audible and visual alarm capabilities
- Customizable alarms
- Email notification and reporting
- Fax notification and reporting
- Continuous Statistical Leak Detection software - 0.2 GPH for both single and manifolded tanks
- 3.0 GPH, 0.1 GPH and 0.2 GPH in tank leak detection
- 3.0 GPH, 0.1 GPH and 0.2 GPH line leak detection capabilities
- Sensor status report
- Sensor status history report
- 7.4" full VGA LCD touch screen
- High resolution, high speed printer
- Universal compartments support universal sensor and probe module, and input output interface module
- Built-in relay for overfill alarm
- Supports multiple languages
- Intuitive and user-friendly interface
- Single touch access to most functions
- Customizable on-board Help
- Custom dashboard
- Remote web access
- TLS-450 Direct Access™ software
- Up to nine communication ports
- Internal auto-dial fax modem communications SiteFax™
- Ethernet communications
- RS-232 data communications
- RS-485 data communications
- USB ports for software upgrade and data back up



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TLS-450

RELIABILITY.
QUALITY.
INNOVATION.
SERVICE.



STANDARD MODEL TLS-450 CONSOLE COMES COMPLETE WITH:

- TLS-450 console with 80 column high speed thermal printer and 7.4" full VGA LCD touch screen. Supports up to 64 sensors (up to 32 of one sensor type)
- Total Access USB/ethernet dual interface module and Direct Access software.
- Total Control software
- RS-232 dual interface module
- One built-in relay
- Three-years of data storage

TLS-450 WITH INTERFACE MODULES:

- TLS-450 contains four compartments in which the universal sensor/probe or input/output interface modules can be installed interchangeably. One module per compartment.

DESCRIPTION	FUNCTION
LOW-POWER/HIGH-POWER COMPARTMENTS (limit four modules per console)	
Universal sensor/probe interface module	16 input module supports probes and sensors
Universal input/output interface module	Five dry contact output relays/four low voltage dry contact inputs/five high voltage inputs (<=240Vac). Supports PLLD and Pump Sense as well as standard functions
Built-in relay	Supports tank overfill alarm
COMMUNICATION COMPARTMENT (limit five modules per console)	
SiteFax™ interface module	Allows hookup to most remote facsimile or modem equipment
Ethernet interface module	Provides connectivity to local and wide area networks (LAN/WAN)
USB interface module	Supports Veeder-Root USB thumb drive
USB/ethernet dual interface module	Provides connectivity to local and wide area networks (LAN/WAN)
RS-232 dual interface module	Provides two 9-Pin female D-Connectors for data transmission to P.O.S. terminal or computer
RS-232/RS-485 dual interface module	Provides a 9-Pin female D-Connector and an 8-position RJ45 D-Connector for data transmission to P.O.S. terminal or computer
Single RS-232 interface module	Provides a 9-Pin female D-Connector for data transmission to P.O.S. terminal or computer
SPECIFICATIONS	
Operating temperature range	32°F to 104°F (0°C to 40°C)
Storage temperature range	14°F to 158°F (-10°C to 70°C)

To learn more, contact us at 1-888-561-7942, or visit www.veeder.com to register for product updates.

