

Marketing Sales Release

Software Release Version 6F TLS-450PLUS and TLS4 Series Consoles

1.0 Purpose

This Marketing Sales Release (MSR) announces the release of version 6F software for TLS-450PLUS and TLS4 Series consoles.

2.0 Description and Overview

The release of updated software is part of Veeder-Root's strategy to provide software releases on a more frequent cadence to deploy additional functionality, feature enhancements, and other fixes.

The following information outlines the modifications in the release.

New Features:

- System Duplicate – This feature allows the user to import complete system configuration details from a similar console via thumbdrive, creating an expedient way to duplicate most portions of a system, including product labels, device configurations, alarm presets, testing schedules and contact lists.
- Vapor Collection Monitor – Integration of VMC and VAPORIX vapor recovery monitoring system pass-through reporting into the TLS-450PLUS and TLS4 series consoles that provides entire site visibility of dispenser-based vapor systems. VMC and VAPORIX reporting occurs by 2-wire RS-485 communication. This software enhancement is activated by an optional ibutton feature.
- Aligned Functionality of Hourly Reconciliation Monitoring (HRM) – Desire to have TLS-450PLUS and TLS4 HRM functionality align to the TLS-350 functionality.
- 902 Command – Added the 902 inquiry “System Revision Level Report” to the TLS-450PLUS and TLS4 consoles so 3rd party polling applications that built inquiry protocols for the TLS-450 console can use the same command on the new platforms.

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Enhancements:

- Reinstated temporary access procedure. In software versions 6D and 6E, the TLS-450PLUS and TLS4 consoles would not acknowledge a temporary emergency password, creating a condition where the user can be permanently locked out of the unit if the admin access password is forgotten.
Note: It is recommended that users with software version 6D and 6E upgrade to version 6F to protect from lockout, if this manufacturer's access procedure is required.
- Added a provision to place the BIR auto-meter mapping processes on hold if a Probe Out condition occurs.
- Corrected a condition where if you navigate from HRM parameters to Tank Limit, all parameters on the Tank Limit GUI screen will incorrectly display as zeros. This condition did not exist on the Web interface or serial commands. In previous versions, the only way to view the values was to switch to another tank and back.
- Corrected an issue where the TLS-450PLUS printer stopped responding and required a reboot of the console to start printing again. Now, if a condition occurs on the USB interface halting printing, the interface will be reset to allow printing to continue.
- Corrected an anomaly on the GUI where the keyboard letters disappear under certain use cases, such as when upper case is used.
- Corrected an issue that was introduced in 6D. The C07 report would incorrectly report the BIR record in the wrong month when the closing occurred at midnight on the first day of the month. The issue self-corrected on the second day of the month.
- Previously, when a user disabled a device when alarm filtering was enabled, a device alarm would be persistent even after the device was disabled. This correction clears the alarm immediately.
- Repaired a condition where data for the BIR Adjusted Delivery record may be lost in the event of a power failure during delivery.
- Corrected an issue where the tank image(s) on Web Enabled were not displayed properly to match the corresponding fuel, water, and ullage values.
- Corrected a Display Format issue with the 101 System Status Report command that would only show 1 digit of the Device ID #, when the Device ID # can be up to 99.
- Repaired a condition where the Diagnostic Relay GUI screen will not recover after a Relay Test is executed.
- Corrected an issue where the Probe Offset was being added twice to a "user-defined chart". This was not an issue with charts made by AccuChart, Meter Dispense or Meter Drop.
- Corrected an issue where the BIR Test report would not print from the GUI when 'Historical' or 'Select Range: Year' were selected.

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- Corrected an issue where the Setup Data Warnings page was always being displayed in English when a language other than English was selected.
- During the migration from a TLS-450 to a TLS-450PLUS, if the iButton upgrade wasn't performed, certain features would not appear to function properly. The TLS-450PLUS will now indicate "disabled" for any features and 0 for any device limits that have not been properly migrated.
- Corrected an issue where nonsense characters appeared in place of units on select reports when non-Latin languages were used.
- Corrected an issue on the iPhone app where the Delivery report would not update correctly.
- Repaired a condition where the Diagnostic GUI and serial commands were not properly reporting an alarm condition for a partially configured Mag Sump or Line Pressure sensor. The Active Alarm reports on the GUI and serial commands were properly reporting the alarm condition.
- Removed unnecessary time controls from the Accuchart Apply Dates menu.
- Corrected an issue with the In Tank Diagnostic Report (A15) where the thermistor values were reported in an incorrect order.
- Fixed an issue introduced in version 6D and 6E that would cause the Tank Overview visual to overprint on the system menu section when printed from Web Enable.

3.0 iButton Software Enhancement Part Numbers

To order specific features, please reference the following part numbers:

Vapor Collection Monitor	
Part Number	Description
332972-021	TLS-450PLUS ibutton Feature Upgrade - Vapor Collection Monitor
333410-021	TLS4 Series* ibutton Feature Upgrade - Vapor Collection Monitor

*Available on select TLS4 derivatives

4.0 Release Schedule

Veeder-Root recommends keeping console software upgraded to the latest version. This software release fixes issues that could cause problems in currently installed gauges.

We recommend that TLS-450PLUS and TLS4 Series customers upgrade to the latest version of software available, version 6F.

Version 6F consoles started shipping November 18, 2015.

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The **TLS-450PLUS and TLS4 Series Remote Software Download** capability provides a remote method to automatically download software releases when registered. This service is available starting with Version 5B or later where software update notifications are automatically queued on the ATG for the customer to decide when to seamlessly convert to the new release. This service is not available on any other Veeder-Root ATG platforms.

As a best practice with a software upgrade, Veeder-Root recommends verification that the Universal Sensor Module (USM) and Input/Output Module (IOM) are operating with the latest firmware version. Instructions for a USM or IOM firmware update can be found in *Continuing Education Bulletin 2015-08B, Firmware Upgrade*.

Software upgrades can be ordered at no charge for a limited time by ordering the software kit below:

Software Upgrade Kit – TLS-450PLUS and TLS4 Series Consoles	
Part Number	Description
330020-744	TLS-450PLUS and TLS4 Series Operating Software Upgrade – No Charge

5.0 Manual

A presentation for Vapor Collection Monitor is available. Please contact your local marketing or sales representative for further information.

TLS-450PLUS and TLS4 Series manuals are available at:

[www.veeder.com/support/technical documentation](http://www.veeder.com/support/technical_documentation)

Further details on other new features can be found under the related index items in the Online Help. See the following related items: “Import Configuration” and “HRM”.

6.0 Further Information

For questions and customer assistance, please contact technical support at (800) 323-1799.

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