

Marketing Sales Release

TLS-450 Software Release - Version 4P

1.0 Purpose

This Marketing Sales Release (MSR) announces the release of version 4P software for TLS-450 consoles.

2.0 Product Description and Overview

Release of updated software is part of Veeder-Root's strategy to provide updates on a more frequent cadence to provide additional functionality, feature enhancements, inclusion of customer requests, and other fixes.

The following information outlines the modifications in each release.

New Features:

- Large AST Delivery Detection Threshold Adjustment – For Aboveground Storage Tanks (ASTs) greater than 200,000 gallons, changed the delivery detection threshold so that smaller deliveries would be recognized.
- Aligned Functionality of Hourly Reconciliation Monitoring (HRM) – Desire to have TLS-450 HRM functionality align to the TLS-350 functionality.

Enhancements:

- **Linux Security Upgrade:** Version 4K implemented Linux (Redhat) security upgrades in regard to Shell Shock Bash where the web interface used a different Shell. Version 4P implements additional security upgrades where a new version of Bash has been included, lowering external exposure risk.
- Updated the C07 Display Command (Previous Reconciliation Report) to avoid duplication of the Threshold and Total values at the end of the report.
- Corrected the C07 Command (Current Reconciliation Report) with Threshold set to monthly. The Current Period Report was reporting the Previous Period data when run on the 1st day of the month.
- Although access to the gauge via HTTP (port 80) and FTP (port 20) had been previously blocked, the ports remained active. In this release, the ports were deactivated so virus scanners should not report issues with these ports.

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- Adjusted chart generation once data sufficiency is reached. Previously, if AccuChart reached Data Sufficiency of 100 it would continue to generate new charts daily. The software will now only produce one chart once it reaches Data Sufficiency of 100.
- Added instructions in the Printer Setup Online Help that states: “While it is possible to configure a PXL color network printer, printing to these printers will cause an error. It is possible to print to color PostScript printers.”
- Corrected an issue with Ethernet Communication Setup where the changes were lost if the hostname was also changed.
- Corrected an issue with the In Tank Diagnostic Report (A15) where the thermistor values were reported in an incorrect order.

3.0 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.

Version 4P consoles began shipping November 20, 2015.

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*.

TLS-450 software upgrades can be ordered at no charge for a limited time by ordering the software kit below.

Software Upgrades Kit - TLS-450 Consoles

Part Number	Description	List Price
330020-604	TLS-450 Software Upgrade (USB Thumbdrive) - No charge	\$0.00

Note: The 330020-604 is needed for consoles with version 4a software or greater. Consoles with earlier versions of software will need to be upgraded to a TLS-450PLUS using P/N 330020-771 (see TLS-4xx Consoles section for pricing).

4.0 Manual

No manuals were updated as part of this release. Manual information can be obtained at: [www.veeder.com/support/technical documentation](http://www.veeder.com/support/technical_documentation)

5.0 Further Information

For questions and customer assistance, please contact technical support at 1-800-323-1799.

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