

Marketing Sales Release

Software Release Version 7B through 7F TLS-450PLUS and TLS4 Series Consoles

1.0 Purpose

This Marketing Sales Release (MSR) announces the release of version 7B through 7F software for TLS-450PLUS and TLS4 Series consoles.

2.0 Description and Overview

The Veeder-Root strategy is to provide software releases on a regular cadence in order to furnish additional functionality, inclusion of customer requests and other enhancements to the TLS4XX product platform in a timely manner. The following information outlines the modifications in these releases.

2.1 Version 7B Features / Benefits & Software fixes

a. Features /Benefits

i. DPLLD support for new piping types

1. Veeder-Root introduces new piping types that can be used with the TLS-450PLUS system drop down menu
 - a. Nupi TSMAXPD and TSMAD - 50 mm & 63mm
 - b. OPW Flex Works – 1.5”, 2.0”, 3.0”

ii. Delivery I System

1. Veeder-Root DIS-200 system can now be connected to the TLS-4XX systems via RS-485 communications, in addition to RS-232. (International Only)
 - a. RS-485 provides a communication distance of up to 300 feet (150 Meters) between the TLS-4XX console and the DIS-200 system.

2.2 Version 7C Features / Benefits & Software fixes

a. Features /Benefits

- i. Veeder-Root TLS-4XX consoles are now capable of communicating with the Fafnir Vaporix system. (International Only)

2.3 Version 7D Features / Benefits & Software fixes

a. Features /Benefits

1. Release consisted of minor software updates.

2.4 Version 7E Features / Benefits & Software fixes

a. Features /Benefits

1. Extended Line Length for DPLLD

- a. Extended line length setup to accommodate new third party approval for line volume of 1,134 gallons.

Note: Waiting on NWGLE approval for official release

2.5 Version 7F Features / Benefits & Software fixes

a. Features /Benefits

1. Touch Screen Calibration for TLS4 Series Consoles

- a. Provides users ability to perform screen calibration via web interface.

3.0 Release Schedule

Veeder-Root recommends keeping console software upgraded to the latest version. These software releases may address issues or vulnerabilities that could cause problems in currently installed gauges. **We recommend TLS-450PLUS and TLS4 Series customers upgrade to the latest version of software available.**

Version 7B consoles started shipping October 12, 2016

Version 7C consoles started shipping November 14, 2016

Version 7D consoles started shipping November 25, 2016

Version 7E consoles started shipping January 5, 2017

Version 7F consoles started shipping February 7, 2017

The TLS-450PLUS and TLS4 Series software upgrades can be downloaded directly from the veeder.com website:

<http://www.veeder.com/us/content/automatic-tank-gauge-software>



Software upgrades can also be ordered on a USB Flash drive at no charge for a limited time by ordering the software kit below:

Software Upgrade Kit – TLS-450PLUS, TLS4 Series Consoles

| Part Number | Description | List Price |
|-------------|---|------------|
| 330020-744 | TLS-450PLUS, TLS4 Series Operating Software Upgrade | No Charge |

As a best practice when upgrading software, Veeder-Root recommends verifying 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*.

4.0 Documentation

Manual information can be obtained at: www.veeder.com/support/technical_documentation.

5.0 Further Information

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