

Marketing Sales Release **Software Release Version 9C** **TLS-450PLUS and TLS4 Series Consoles**

1.0 Purpose

This Marketing Sales Release (MSR) announces the release of version and 9C software for TLS450PLUS and TLS4 Series consoles.

2.0 Description and Overview

The Veeder-Root strategy is to provide software releases on a regular cadence to furnish additional functionality, inclusion of customer requests, security updates and other enhancements in a timely manner. The following information outlines the modifications in this release.

3.0 Bug Fixes

a. Database upgrade issues with consoles using custom roles

- i. An issue introduced in version 9A affects the software upgrade process for consoles utilizing custom roles. If a console has custom roles set up for users with custom permissions, when a software upgrade is performed an error is produced in the database that causes the upgrade to fail. Version 9C contains the fix for this issue.

b. Vac Sensor CRC error

- i. It was discovered that certain conditions could cause a communication disruption between the Vac Sensor and the TLS-4XX console, causing a communication alarm to be raised. After the alarm is raised, communication would be recovered. Version 9C contains the fix for this issue.

4.0 Release Schedule

Veeder-Root recommends TLS450PLUS and TLS4 Series customers keep their console software upgraded to the latest version.

The TLS-450PLUS and TLS4 Series software upgrades can be downloaded directly from the veeder.com site by following this link:

<https://www.veeder.com/us/automatic-tank-gauge-software-download>

Software upgrades can also be ordered on a USB Flash drive at no charge for a limited time by ordering the software kit part number 330020-744



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*.

5.0 Documentation

Manual information can be obtained from our technical document library by following this link:

<https://www.veeder.com/us/technical-document-library>

6.0 Further Information

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