# Marketing Sales Release
# Software Release Version 7N & 7P
## TLS-450PLUS and TLS4 Series Consoles

## 1.0  Purpose

This Marketing Sales Release (MSR) announces the release of version 7N and 7P 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 in a timely manner.  The following information outlines the modifications in this release.

### 2.1 Version 7N Features / Benefits & Software fixes

    **a.  Features /Benefits**

        **i.  User Access**

           1.  **Web Interface**

               a.  Added support to access TLS-4xx web interface from the latest version of the Chrome (v60.0.3112) & Safari browsers (10.3.1+)

        **ii.  Release also included minor software updates**

### 2.2 Version 7P Features / Benefits & Software fixes

    **a.  Features /Benefits**

        **i.  Security Improvements**
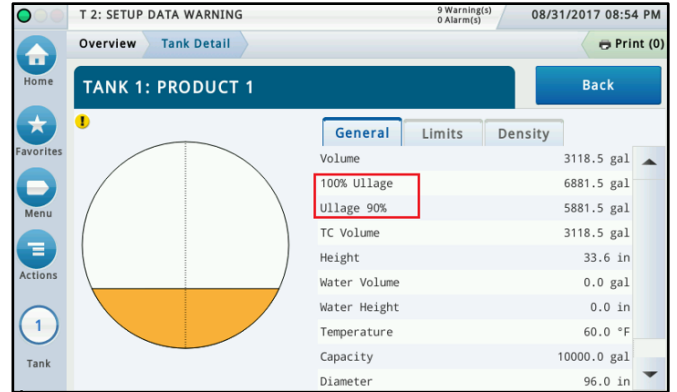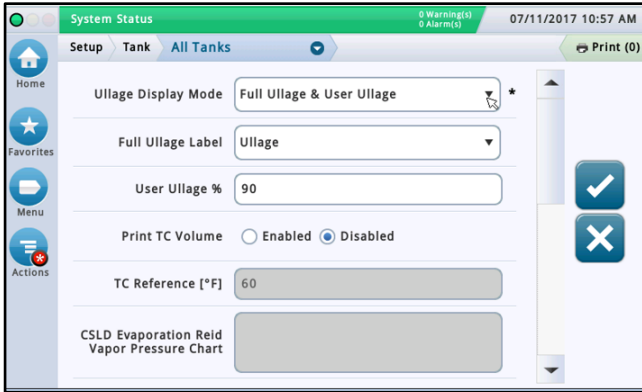
           1.  **TLS/SSL**

               a.  Improved ciphers from Apache web server configuration

               b.  Improved TLS/SSL protocols from Apache web server configuration

        **ii.  Display**

           1.  **Graphical User Interface (GUI)**

               a.  Added support to customize ullage display in the Inventory Report screens & printouts. Customers can now specify a "User Ullage %" in addition to the "100% Ullage" data point.

## 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 7N consoles start shipping August 17, 2017

Version 7P consoles start shipping September 15, 2017

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