

# Technical Service Notification

## TLS-450 to TLS-450PLUS Migration Feature Upgrade

**Notice:**

Veeder-Root Technical Support has discovered that a critical process is being overlooked during the Feature Upgrade in the TLS-450 to TLS-450PLUS migration. This prevents the TLS-450PLUS from operating properly.

**Part Number:**

330020-771: TLS-450 to TLS-450PLUS Migration Kit.

330020-813: V-R Software feature Upgrade

**Issue:**

Manual: 577014-048 TLS-450 to TLS-450PLUS Console Upgrade Instructions

- **Initializing the TLS-450PLUS Console After The Upgrade:**
  - Steps 1 – 7 are either being missed or the procedure fails.
- Once all the TLS-450PLUS hardware has been installed and the console is powered up, you must use the V-R Software Feature Upgrade Thumb Drive (blue thumb drive) to install the TLS-450PLUS features to the iButton on the CPU.  
Failure to perform this task will affect console features performance or temporarily disable these features.

**Instruction Review of Initializing the TLS-450PLUS Console after the Upgrade**

1. Verify the Software Feature upgrade iButton (factory installed) is installed in the blue thumb drive.
2. Insert the Software feature thumb drive into one of the USB ports in the Communication Bay.
3. Select the following Navigation to install the feature set

- a. Select Menu



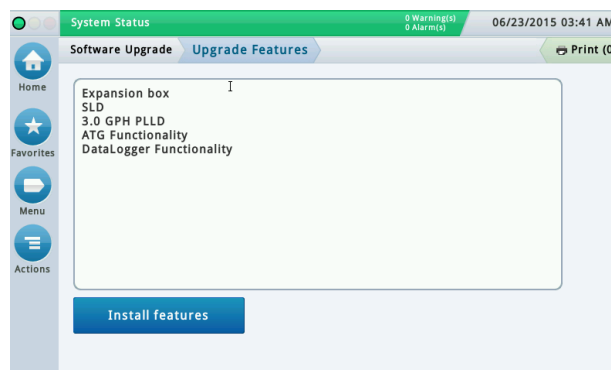
- b. Select Software Upgrade




- c. Select Upgrade Feature



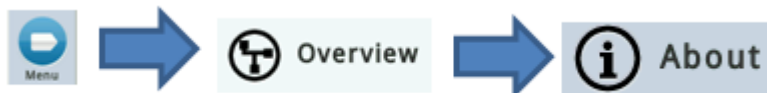
- d. Select Install Features



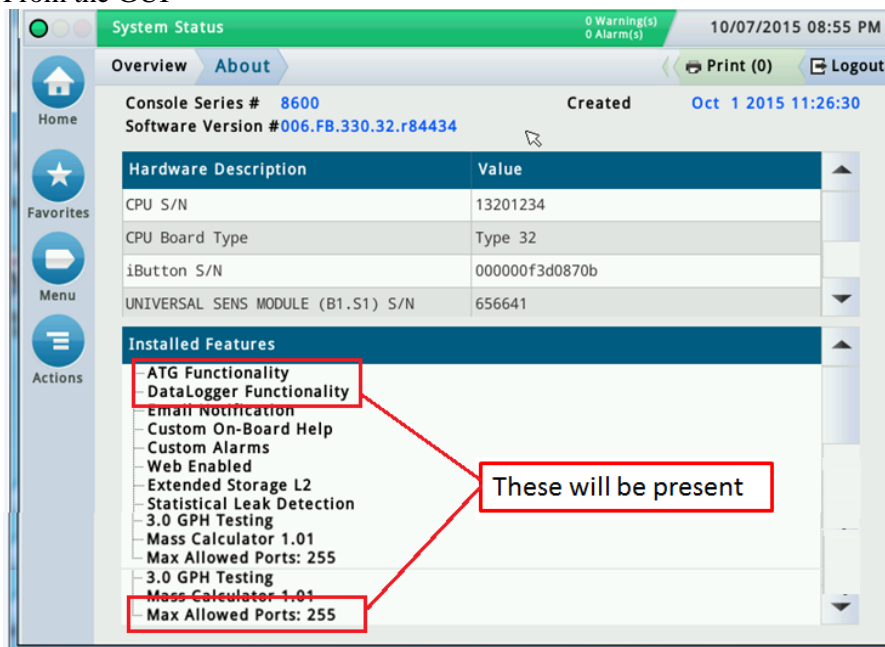
4. If any error messages appear during this procedure  contact Veeder-Root Technical Support immediately; do not remove the thumb drive or reboot the console.
5. Remove the blue VR Software Feature Upgrade thumb drive.
6. Insert the Backup thumb drive and perform a DB restore

### Upgrade Verification:

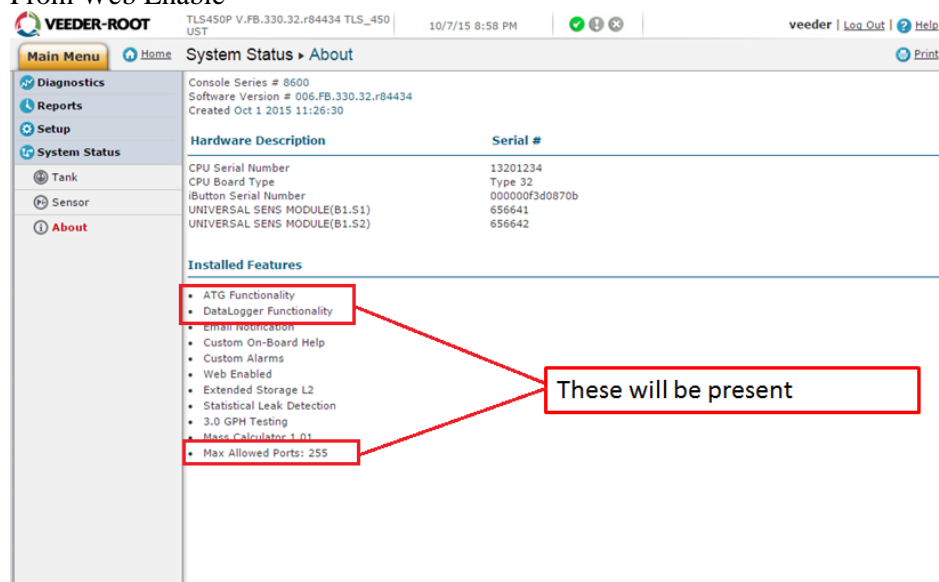
1. Once the DB restore has been complete navigate to the About screen



2. The following Features must be present From the GUI



# From Web Enable



VEEDER-ROOT TLS450P V.FB.330.32.r84434 TLS\_450 UST 10/7/15 8:58 PM veeder | Log Out | Help

Main Menu Home System Status About

Console Series # 8600  
Software Version # 006.FB.330.32.r84434  
Created Oct 1 2015 11:26:30

Hardware Description	Serial #
CPU Serial Number	13201234
CPU Board Type	Type 32
iButton Serial Number	000000f3d0870b
UNIVERSAL SENS MODULE(B1.S1)	656641
UNIVERSAL SENS MODULE(B1.S2)	656642

Installed Features

- ATG Functionality
- DataLogger Functionality
- Email Notification
- Custom On-Board Help
- Custom Alarms
- Web Enabled
- Extended Storage L2
- Statistical Leak Detection
- 3.0 GPH Testing
- Mass Calculator 1.01
- Max Allowed Ports: 255

These will be present

## RS-232/ Printout

10/07/15 9:51 PM

Console Series # 8600

Software: Part # 342005.006.FB.330.32.r84434 CREATED:

Hardware Description	Serial Numbers
CPU	13201234
iButton	000000f3d0870b
UNIVERSAL SENS MODULE (B1.S1)	656641
UNIVERSAL SENS MODULE (B1.S2)	656642
Max Allowed Ports	255

### Installed Features

ATG Functionality  
DataLogger Functionality  
Email Notification  
Custom On-Board Help  
Custom Alarms  
Web Enabled  
Extended Storage L2  
Statistical Leak Detection  
3.0 GPH Testing  
Mass Calculator 1.01

These will be present

3. If the Upgrade was not successful either one of the following feature or all of them may be absent or have an incorrect value>
  - a. ATF Functionality
  - b. Datalogger Functionality
  - c. Max Allowed ports: any number but 255