Continuing Education Bulletin: Firmware upgrade for the TLS-450 and TLS-450PLUS

This Continuing Education Bulletin provides additional information to Veeder-Root service network and technicians on how to perform a firmware upgrade on the TLS-450 and TLS-450PLUS.

Continuing Education Bulletin: CEB_2015_08B

TLS-450:

To verify if the console has a Firmware upgrade available on a TLS-450:

1. Select Diagnostics
2. Select Module
3. Select Firmware Upgrade Tab
4. Compare Current Firmware to Available Firmware

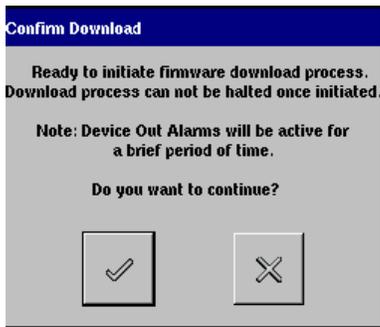| Device Directory	Device Assignments	Comm	Firmware Upgrade		
Address	Module Type	Serial Number	Current Firmware Revision	Available Firmware Revision	
B1.S1	USM – 16	0013130688	001–C	001–C	
B1.S2	IOM – 14	0013130665	001–B	001–C	

5. If the Available firmware has a higher number or letter than continue to Perform a Firmware Upgrade.

To Perform a Firmware Upgrade on a TLS-450

1. Select Diagnostics
2. Select Module
3. Select Firmware Upgrade Tab
4. Select the box to the left of the board you want to upgrade.

B1.S1	USM – 16	0013130688	001–C	001–C
B1.S2	IOM – 14	0013130665	001–B	001–C

5. Click on Install on the right side of the console
6. Acknowledge the confirm download

Confirm Download

Ready to initiate firmware download process.
Download process can not be halted once initiated.

Note: Device Out Alarms will be active for
a brief period of time.

Do you want to continue?

7. The screen will automatically refresh once the firmware upgrade has been completed.

	Device Directory	Device Assignments	Comm	Firmware Upgrade		

	Address	Module Type	Serial Number	Current Firmware Revision	Available Firmware Revision
☐	B1.S1	USM – 16	0013130688	001–C	001–C
☐	B1.S2	IOM – 14	0013130665	001–C	001–C

TLS-450PLUS:

To verify if the console has a Firmware upgrade available on a TLS-450PLUS:

1. Select Menu Menu

2. Go to Diagnostics Diagnostics

3. Select Module Module ▶

4. Select Firmware Upgrade Firmware Upgrade

Diagnostics ⟩ Module ⟩ Firmware Upgrade ⊙   🖶 Print (0)

Address	Module Type	Serial Number	Current Firmware Revision	Available Firmware Revision
☐ B1.S1	INPUT/OUTPUT MODULE - 14	0011370222	001-B	001-C
B1.S2	UNIVERSAL SENS MODULE - 16	0011370223	001-C	001-C
☐ B1.S3	UNIVERSAL SENS MODULE - 16	0011370115	001-B	001-C

5. Compare Current Firmware to Available Firmware
6. If the Available firmware has a higher number or letter than continue to Perform a Firmware Upgrade.

To Perform a Firmware Upgrade on a TLS-450PLUS:

1. Select Menu Menu

VEEDER-ROOT

2. Select Diagnostics Diagnostics

3. Select Module Module ▶

4. Select Firmware Upgrade Firmware Upgrade

5. Select the box to the left of the board you want to upgrade.

Diagnostics	Module	Firmware Upgrade ⊘		🖶 Print (0)
Address	**Module Type**		**Serial Number**	**Current Firmware Revision**
☑B1.S1	INPUT/OUTPUT MODULE - 14		0011370222	001-B

6. Click on Actions on the right side of the screen Actions

7. Select Install Actions / ☑ Install

   This button will be greyed out if an upgrade is not available.

8. Acknowledge the confirm download

Confirm Download ✕

Ready to initiate firmware download process.
Download process can not be halted once initiated.

Note: Device Out Alarms will be active for a brief period of time.

Do you want to continue?

✔ ✕

9. The screen will automatically refresh once the firmware upgrade has been completed.

Diagnostics	Module	Firmware Upgrade ⊘		🖶 Print (0)
Address	**Module Type**		**Serial Number**	**Current Firmware Revision**
B1.S1	INPUT/OUTPUT MODULE - 14		0011370222	001-C