Marketing Sales Release

TLS-3xx Version 34 Software & ECPU2 Update

for TLS-350 Series Consoles

1.0 Purpose

This Marketing Sales Release (MSR) announces the release of our second generation ECPU2 for TLS-350 Series consoles with a new MSP430 microprocessor. In conjunction with the hardware, version 34 software for the TLS-3xx Series consoles is also being released.

2.0 Product Description

The H8 microprocessor used on the 'Gen 1' ECPU2 (331960-001) has been discontinued by the manufacturer; therefore, the Gen 1 ECPU2 can no longer be produced. The 'Gen 2' ECPU2 board (333593-001) has been updated with an MSP430 microprocessor and is a direct replacement for the Gen 1 ECPU2 (331960-001) when operated with version 34 software or greater.

3.0 Compatibility

Version 34 software operates universally across the following consoles:
>   TLS-300 Series Consoles
>   TLS-350 Series Consoles

The Gen 2 ECPU2 333593-001 operates universally across the following consoles:

>   TLS-350 Series Consoles

- The Gen 2 ECPU2 board (333593-001) requires version 34 software or greater to operate properly with the new MSP430 microprocessor. The Gen 2 ECPU2 board will not operate properly with software versions 33 and below.

- Version 34 software is backwards compatible with Gen 1 ECPU2 (331960-001) boards. This is important for customers with policies to standardize on the latest software release.

4.0 Version 34 Software Features

- Support for the new MSP430 microprocessor.

5.0 Release Schedule and Lead Times

As of July 9, 2015 Veeder-Root started shipping version 34 software.

As of July 17, 2015 new console orders started shipping with the Gen 2 ECPU2 board (333593-001) with the new MSP430 microprocessor. The Gen 2 ECPU2 was also added to the applicable 331500-xxx upgrade replacement kit.

Lead times for these products are three (3) days. For ordering information, contact Veeder-Root Customer Service at neworders@veeder.com or by calling 1-800-873-3313.

6.0 Ordering Info

If a replacement CPU board is all that is required (part number 333593-001), software is standard with this board. Please specify 1xx or 3xx software when ordering the 333593-001 board replacement kit. If 1xx or 3xx is not specified on your purchase order, the new board will automatically be shipped with 1xx software. See Appendix for details.

7.0 Warranty

Veeder-Root warrants that this product shall be free from defects in material and workmanship for a period of one (1) year from the date of installation or twenty-four (24) months from the date of invoice, whichever occurs first.

If purchased separately from a console, Veeder-Root warrants that this product shall be free from defects in materials and workmanship for a period of fifteen (15) months from the date of invoice. Please refer to the Distributor Manual for further details on the warranty policy.

Appendix

TLS Console Upgrade Chart

TLS-350 & TLS-350PLUS Software and Hardware Upgrades				
You Currently Have	And You Want	You will need	Part Number	Core Return
TLS-350 PLUS or TLS-350R with: • **Gen2** ECPU2 (P/N 333593-001) or • Gen1 ECPU2 (P/N 331960-001)	Software Upgrade Only (V1xx)<= 8 tanks	ROM (V1xx)	331500-303	ROM Board
	Software Upgrade Only (V3XX) for system already equipped with NVMEM201 or 203	ROM (V3xx)	331500-353	
	Software Upgrade Only (V3xx), > 8 tanks or BIR w/manifold tanks	ROM (V3xx) and NVMEM201 Board	331500-320	
	Software Upgrade (V3xx), ISD (In-Station Diagnostics) and / or MT (Maintenance Tracker)	ROM (V3xx) and NVMEM203 Board	331500-322	
You Currently Have	And You Want	You will need	Part Number	Core Return
TLS-350PLUS or TLS-350R with: • **Gen 1** ECPU2 P/N (331960-001) • ECPU board P/N (330743-xxx) • CPU P/N (330506-001)	Software Upgrade and New ECPU2 board, <= 8 tanks	**Gen2** ECPU2 and ROM (V1xx)	331500-308	ECPU board and Software (ROM board) or CPU board and Software (U2 and U3 chips)
	Software Upgrade (V3xx) and New ECPU2 board, >8 tanks or BIR w/ manifold tanks	**Gen 2** ECPU2 ROM(V3xx) and NVMEM201 Board	331500-348	
	Software Upgrade (V3xx) and New ECPU2 board, ISD (In-Station Diagnostics) and / or MT (Maintenance Tracker)	**Gen 2** ECPU2 ROM(V3xx) and NVMEM203 Board	331500-358	
TLS-350J Software and Hardware Upgrade				
You Currently Have	And You Want	You will need	Part Number	Core Return
TLS-350J (manufactured after 12/16/02)	TLS-350PLUS with latest software (V1xx) and ECPU2 board, <=8 tanks	**Gen 2** ECPU2 and ROM (V1xx)	331500-308	SEM, Old CPU, Software (U2, U3 Chips) and old probe, sensor, PLLD boards
Spare Parts				
You Currently Have	Want	You will need	Part Number	Core Return
TLS-350PLUS or TLS-350R with Gen 1 ECPU2 board P/N 331960-001	Replacement Board for 331960-001	ECPU2 Board Only*	333593-001	331960-001
TLS-350PLUS or TLS-350R with Gen 2 ECPU2 board P/N 333593-001	Replacement Board for 333593-001	ECPU2 Board Only*	333593-001	333593-001

* Board Kit Includes Software- Please specifiy 1xx or 3xx on your purchase order. If 1xx or 3xx is not specificed on your purchase order, the new board will automatically be shipped with 1xx software.