2500-RBC Firmware Version History

Version 10.1 (2500-RBC) 15-Feb-2022 ECO#760
Version 1.4 (2500C-RBC-PRF) 15-Feb-2022 ECO#761
Version 3.1 (2500C-RADP-RBC) 15-Feb-2022 ECO#762
CTI-70: Compact and RADP RBC Do Not Turn Off Outputs When Not in Freeze Mode
CTI-77: 2500C-RADP-PRF does not work properly with some 500 series I/O analog modules
DT-1010: RBC goes offline at 9600 baud rate
DT-1348: RBC module status not displaying correctly
DT-1349: Module status alternates between 2 & 3 on RBC
DT-1350: Profibus Slave displays 0 for Module status when misconfigured
DT-1360: 2500-RBC LED DIsplay toggles between 0 - 3 with Normal I/O Exchange Communication with Master
DT-1371: Byte 1 of the Profibus diagnostic data appears to be incorrect
DT-1413: Profibus RBC diagnostic statistic not returning all 15 bytes in some scenarios
DT-1431: Profibus RBC fails to report a module mismatch

Version 7.0 17-May-2016
Modified firmware to solve generate “Bus Complete” at end of scan instead of after ever slot. This solves problems with some old analog modules.

Version 6.0 17-Oct-2013
Modified firmware to work with new version “E” PCB which includes circuit changes to allow RBC to be plugged into an I/O slot without being damaged.

Version 5.0 21-Oct-2010
Fixed Devtrack Issue 813 “With Ignore Module Mismatch Enabled, if a 16 point discrete output module is inserted into a slot configured for a 32 point discrete output module, the 16 point module will be written to. Fixed Devtrack Issue 814 “With two or more TI 500-5009 4ch Analog Input modules in a 500 series rack, the second and subsequent module’s data is erratic.” This update is applicable to Rev D boards only.

Version 4.0 05-Nov-2008
Changed processor chip to eliminate WSI part. This update was in conjunction with change to Hardware Revision 7.

Version 3.2 17-Jan-2007
Correct problem operating with Siemens® S7 PLCs where a 32 point input module in

Version 3.1 10-Jan-2005
Correct problem operating with Siemens® S7 PLCs where when a module is pulled out of the rack and re-inserted, sometimes the module mismatch bits are not reset correctly - resulting in an SF and a SF DP Fault LED indications on the S7 PLC.
Correct problem where sometimes when the Remote power is cycled, an SF and a SF DP Fault LED indications are displayed on the S7 PLC.

Version 3.0 06-Dec-2004

Corrected problem where Module Fail data is not reported back to Profibus master when in data exchange mode.

slot 1 and an 8 point output module in slot 3 - S7 never goes into run mode.

Version 2.0 04-Apr-2004
Changes for support of CPU pin reassignment.

Version 1.0 08-Aug-2005
Initial release.