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PLX32-EIP-MBTCP

EtherNet/IP™ to Modbus® TCP/IP Communications Gateway

October 15, 2026

RELEASE NOTES

Your Feedback Please

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PLX32-EIP-MBTCP Release Notes
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1 Start Here

This document highlights the new features, fixes, enhancements and known issues for the PLX32-EIP-MBTCP gateway.

1.1 About the PLX32-EIP-MBTCP

ProSoft Technology's EtherNet/IP™ to Modbus® TCP/IP communication gateway allows high-speed bi-directional data transfers between Rockwell Automation® PACs and Schneider Electric® PACs. Our Modbus® TCP/IP driver features multiple client and server functionality, for faster data transmission. Two separate Ethernet ports allow each protocol to reside on separate subnets, allowing you to pass data between the two subnets without changing each device's IP address. In addition, the gateway includes an embedded EDS Add-On Profile, allowing for simplified integration and reduced commissioning time.

1.2 Release Enhancements

Release Version	Release Date	Description
1.007.014	24-Sep-2026	Fixed issue where the Data Map feature overwrites data area with extraneous information when the Register Count is larger than 26.
1.007.010	26-Feb-2026	**Fixes & Changes** • Fixed scroll bar not available in PCB diagnostics window. • Changed 'connection' to 'connections' in PCB diagnostics view.
1.007.002	05-Aug-2025	**Fixes & Changes** • CIP Generic request transaction sequence number is now properly updated for each request. • Resolved issue where gateway would return an incorrect error code when an EIP Class 1 connection outside of its subnet was made. • Updated CIP Generic response error code value and count. • Name of Service within EIP ListServices response was changed from 'COMMUNICATIONS' to 'Communications'.
1.006.020	16-Jun-2025	**Fixes & Changes** • Fixed MBTCP driver and the use of the Option field and timestamps. • Fixed bricking issue when flashed with Kernel v1.3, Base v1.00.143, and the latest application firmware. • Fixed shutdown issue.
1.006.015	30-Dec-2024	Updated BusyBox to v1.36.1 (CVE-2022-48174).
1.006.009	16-Jul-2024	**Fixes & Changes** • FOSS BOM updates. • Fixed MBTCP server coil offset overflow issue. • Fixed MBTCP client conditional commands not working.
1.006.004	22-Jan-2024	**Fixes & Changes** • Upgraded EtherNet/IP driver (added LLDP functionality) which passed ODVA 19.1 conformance testing. • Updated embedded EDS file with 8 I/O connection support. • Enhanced the command control for the MBTCP driver. • Updated Kernel to v1.4 to resolve module not finishing boot up sequence after a power cycle.

1.005.025	27-Jul-2023	Fixed MBTCP client conditional commands.
1.005.018	26-Jan-2023	Changed EIP Server status info memory address from 15000 to 17000.
1.005.016	28-Jul-2022	Added EIP Server status info to gateway's upper memory.
1.005.015	11-Jul-2022	Class 1 connection times out when MB coils are read.
1.005.011	24-Jun-2022	Added Command Control register to Modbus TCP Client Driver.
1.005.009	03-Dec-2021	**Fixes & Changes** • Remote access for ETH2 can be configured. • Bit level addressing extended to full 160,000 capacity.
1.005.005	28-Aug-2020	**Fixes & Changes** • Version change to match ODVA certification. • Increase Internal Database size from 4,000 to 10,000 words.
1.04.004	09-Feb-2017	Security Feature Implementation – Validate kernel upgrade did not affect protocol communication.
1.03.013	17-Nov-2017	Implementation of CIP Generic.
1.02.003	19-Feb-2016	Fixed UDP Broadcast Packet from Source port 50000 causes flood on Network (repeated Discovery Service Response to network).
1.02.002	31-Jul-2015	Fixes to MBTCP driver.
1.02.001	14-Nov-2014	**Fixes & Changes** • EtherNet/IP driver upgrade that passed ODVA CT11 certification test. • EDS file was also updated with new version 1.2
1.00.020	12-May-2014	Release

2 Support, Service & Warranty

2.1 Contacting Technical Support

ProSoft Technology, Inc. is committed to providing the most efficient and effective support possible. Before calling, please gather the following information to assist in expediting this process:

1. Product Version Number
2. System architecture
3. Network details

If the issue is hardware related, we will also need information regarding:

1. Module configuration and associated ladder files, if any
2. Module operation and any unusual behavior
3. Configuration/Debug status information
4. LED patterns
5. Details about the interfaced serial, Ethernet or Fieldbus devices

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