

Where Automation Connects.



PLX31-EIP-MBS

EtherNet/IP[™] to Modbus[®] Serial
Communication Gateway

September 16, 2026

RELEASE NOTES

Your Feedback Please

We always want you to feel that you made the right decision to use our products. If you have suggestions, comments, compliments or complaints about our products, documentation, or support, please write or call us.

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PLX31-EIP-MBS Release Notes
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1 Start Here

This document highlights the new features, fixes, enhancements and known issues for the PLX31-EIP-MBS gateway.

1.1 About the PLX31-EIP-MBS

ProSoft Technology's EtherNet/IP™ to Modbus® Serial communication gateway allows high-speed bi-directional data transfers between EtherNet/IP™ PACs or devices and Modbus®-enabled PACs or devices.

EtherNet/IP™ PACs include Rockwell Automation® ControlLogix® and CompactLogix™, as well as several Schneider Electric® controllers. Modbus® Serial devices are widely used in nearly every industry and include SCADA systems and Power Monitors.

The gateway includes several features that allow for simplified integration, reduced commissioning time and optimized performance.

1.2 Release Enhancements

Release Version	Release Date	Description
1.007.010	26-Aug-2026	Fixed Enron-Daniels Offset parameter for MBS client driver.
1.007.005	16-Mar-2026	Fixes & Changes - Fixed scroll bar in PCB diagnostics window. - Changed 'connection' to 'connections' in PCB diagnostics view.
1.007.003	09-Jul-2025	Fixes & Changes - Fixed CIP Generic commands duplicating data from the first command to every command. - Created PLX31-EIP-MBS v1.007 to comply with ODVA Test. - Fixed bricking issue when flashed with kernel v1.3, base 1.00.011, and the latest application firmware. - Verified error 16#0813 is returned when the module communicates over a Unicast connection with different a subnet and with multicast. - Fixed CIP Generic commands not returning error conditions in all cases. - Fixed module responding with incorrect data when receiving a ListServices command (TCP/UDP).
1.006.034	30-Dec-2024	Fixes & Changes - Fixed module and data analyzer parameters to be outputted to the log file. - Added FOSS BOM information to the module webpage. - Fixed MBS Output and Bit Input offset overflow issue. - Upgraded BusyBox to v1.36.1 (CVE-2022-48174).
1.006.027	11-Aug-2023	- EtherNet/IP driver upgrade (added LLDP functionality) which passed ODVA 19.1 conformance testing. - Updated embedded EDS file with 8 I/O connection support. - Added EIP Server status information to upper memory. - Updated kernel to v1.4 to resolve module not finishing boot up sequence after a power cycle.

		- Added support for all possible subnet mask values. - Fixed the response to an IO connection from an originator outside of subnet with a TTL value of 1.
1.005.003	03-Nov-2021	Extended bit level addressing to full 160,000 capacity.
1.005.001	28-Aug-2020	Fixes & Changes - Version changed to match ODVA certification - Increased Internal Database size from 4,000 to 10,000 words.
1.04.003	09-Feb-2017	Security Feature Implementation – Validated kernel upgrade did not affect protocol communication.
1.03.001	17-Nov-2017	Implementation of CIP Generic.
1.02.003	19-Feb-2016	UDP Broadcast Packet from Source port 50000 causes flood on network (repeated Discovery Service Response to network)
1.02.002	10-Nov-2015	Fixed MBS Slave node status not being updated even if slave was not connected; value was always '1'. For connected slave state, value should be '2'
1.02.001	14-Nov-2014	Fixes & Changes - EIP driver upgrade that passed ODVA CT11 certification test. - EDS file was updated with new version 1.2
1.01.158	27-Feb-2014	New base to accommodate PLX32.
1.01.158	27-Feb-2014	Fixed EIP connection timeout value set during Forward Open request (Class 3). The new connection value is 5 seconds. Compatible with new base image version 1.00.140 which uses extended serial number based upon full MAC address and supports the setting of default IP address through middle jumper.
1.01.153	31-Jul-2013	Fixed EIP Class 3 Client x Command Basic Register Count limitation to 122. Higher Reg Counts caused module to crash.
1.01.152	10-Apr-2013	Compatible with PLX20 and PLX30 hardware.
1.01.150	03-Oct-2012	Version certified by ODVA.
1.01.149	13-Aug-2012	Fixes & Changes - Implemented EDS AOP and ODVA LEDs. - Connection index is now 1-based for EDS AOP compatibility.
1.00.137	11-Apr-2012	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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