

Where Automation Connects.



PLX31-MBTCP-MBS4

Modbus[®] TCP to Modbus[®] Serial
Four-Port Gateway

July 23, 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-MBTCP-MBS4 Release Notes
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1 Start Here

This document highlights the new features, fixes, enhancements and known issues for the PLX31-MBTCP-MBS4 gateway.

1.1 About the PLX31-MBTCP-MBS4

ProSoft Technology's Modbus® TCP to Modbus® Serial four-port Serial gateway allows high-speed bi-directional data transfers between Modbus® TCP-enabled PACs and Modbus® Serial devices. Modbus® Serial devices are widely used in nearly every industry and include SCADA systems and Power Monitors. Four Serial ports allow for connectivity of up to 400 Modbus® Serial devices, reducing the number of gateways required for your application.

1.2 Release Enhancements

Release Version	Release Date	Description
1.005.013	07-Jul-2026	Fixed Data Map feature overwriting data area with extraneous information when register count is larger than 26. EIP Class 3 Server Status Data Peer IP (Offsets 8 to 15).
1.005.010	19-Jun-2025	Fixes & Changes • Added FOSS BOM information to the gateway webpage. • Fixed Output and Bit Input offset overflow issue. • Upgraded BusyBox to v1.36.1 (CVE-2022-48174). • MBTCP driver no longer sets the Options field within the TCP segment. • Fixed gateway bricking issue when flashed with Kernel v1.3, Base v1.00.143, and the latest application firmware
1.005.004	24-Jun-2022	Added Command Control Register for Modbus TCP Client driver.
1.005.003	03-Nov-2021	Extended bit level addressing to full 160,000 capacity.
1.005.001	28-Aug-2020	Increase Internal Database size from 4,000 to 10,000 words.
1.04.003	09-Feb-2017	Security Feature Implementation – Validate kernel upgrade did not affect protocol communication.
1.01.242	19-Feb-2016	UDP Broadcast Packet from Source port 50,000 causes flood on network (repeated Discovery Service Response to network).
1.01.241	10-Nov-2015	Fixed MBS driver Slave node status not being updated even if slave was not connected; value always '1'. For connected slave state, value should be '2'.
1.01.240	31-Jul-2015	Fix to MBTCP Driver.
1.01.239	03-Apr-2014	New base to accommodate PLX32.
1.01.239	03-Apr-2014	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.
1.01.238	13-Aug-2012	ODVA LEDs disabled.
1.00.231	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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