

Where Automation Connects.



PLX31-MBTCP-MBS

**Modbus[®] TCP to Modbus[®] Serial
Communication 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-MBS Release Notes
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1 Start Here

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

1.1 About the PLX31-MBTCP-MBS

ProSoft Technology's Modbus® TCP/IP to Modbus® Serial communication gateway allows high-speed bi-directional data transfers between Modbus® TCP/IP-enabled PACs and Modbus® Serial devices. Modbus® Serial devices are widely used in nearly every industry and include SCADA systems and Power Monitors.

1.2 Release Enhancements

Release Version	Release Date	Description
1.005.023	26-Jun-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).
1.005.018	01-Aug-2025	Fixes & Changes - Fixed EIP port becoming unresponsive during download. - Fixed new gateways getting bricked in Operations.
1.005.014	12-Feb-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).
1.005.008	26-Apr-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
1.04.008	20-May-2019	Implemented pass-through feature and new MBAP port parameter.
1.04.003	09-Feb-2017	Security Feature Implementation – Validate kernel upgrade did not affect protocol communication
1.01.236	29-Dec-2015	UDP Broadcast Packet from Source port 50,000 causes flood on network (repeated Discovery Service Response to network)
1.01.235	10-Nov-2015	Fixed MBS driver Slave node status in gateway not being updated even if slave was not connected; value always '1'. For connected slave state, value should be '2'
1.01.233	22-Jul-2015	Previous version would attempt reconnection at every 1ms causing network flood.
1.01.232	03-Apr-2014	New base to accommodate PLX32
1.01.232	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.
1.01.231	09-Jul-2013	Compatible with PLX20 and PLX30 hardware.
1.01.230	13-Aug-2012	ODVA LEDs disabled.
1.00.223	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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2.2 Warranty Information

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For Return Material Authorization information, please see:

www.prosoft-technology.com/Services-Support/Return-Material-Instructions