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PLX31-MBTCP-PND

Modbus® TCP to PROFINET® Device Gateway

October 15, 2026

RELEASE NOTES

Your Feedback Please

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PLX31-MBTCP-PND Release Notes
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1 Start Here

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

1.1 About the PLX31-MBTCP-PND

The Modbus® TCP to PROFINET® device gateway offers bi-directional data transfer between a PROFINET Controller and Modbus TCP networks. The Modbus TCP driver uses multiple clients and servers for faster data throughput. The PROFINET driver operates as a PROFINET device (slave).

1.2 Release Enhancements

Release Version	Release Date	Description
1.005.021	25-Sep-2026	Kernel update v.2.6.39.
1.005.020	06-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).
1.005.015	24-Jul-2025	**Fixes & Changes** • Fixed MBTCP driver and the use of the Option TCP field and timestamps. • Fixed new module bricking issue in Operations.
1.005.013	31-Dec-2024	**Fixes & Changes** • FOSS BOM updates. • Fixed MBTCP Output and Bit Input offset overflow issue. • Upgraded BusyBox to v1.36.1 (CVE2022-48174).
1.005.008	29-Dec-2023	**Fixes & Changes** • Fixed an issue with the IP address being lost after a power cycle. • Added ability to store device name to the SD card.
1.005.004	24-Jun-2022	Added Command Control Register for Modbus TCP Client driver.
1.005.003	02-Nov-2021	Extended bit level addressing to full 160,000 capacity.
1.005.002	16-Feb-2021	Fixed Upgrade (GPIO) issue.
1.005.001	28-Aug-2020	Increased Internal Database size from 4,000 to 10,000 words.
1.00.000	08-May-2015	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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