

Where Automation Connects.



PLX31-PND-MBS

**PROFINET[®] Device to Modbus[®] Serial
Gateway**

August 27, 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-PND-MBS Release Notes
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1 Start Here

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

1.1 About the PLX31-PND-MBS

The PROFINET® device to Modbus Serial® gateway offers bi-directional data transfers between a PROFINET Controller and Modbus serial (RTU and ASCII) devices. The serial port can be configured as either a Modbus master or slave. The PROFINET interface operates as a PROFINET device (slave).

The PLX31-PND-MBS gateway is a stand-alone DIN-rail mounted unit that provides Ethernet connectivity for network communications, remote configuration, and diagnostics. The onboard SD Card slot (SD card optional) is used for storing configuration files that can be used for recovery, transferring the configuration to another gateway, or general configuration backup.

1.2 Release Enhancements

Release Version	Release Date	Description
1.005.014	19-Aug-2026	Kernel Update v.2.6.39
1.005.011	04-Aug-2025	Fixed new module bricking issue in Operations.
1.005.010	31-Dec-2024	Fixes & Changes - Added FOSS BOM information to the module webpage. - Fixed MBTCP Output and Bit Input offset overflow issue. - Upgraded BusyBox to v1.36.1 (CVE-2022-48174).
1.005.005	02-Jan-2024	Fixes & Changes - Fixed issue of module losing IP address after a power cycle. - Implemented ability to store PROFINET device name to the module's SD card.
1.005.004	03-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	Increase 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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