

Where Automation Connects.



PLX31-MBTCP-SIE

**Modbus[®] TCP to Siemens[®] Industrial
Ethernet 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.

ProSoft Technology, Inc.

+1 (661) 716-5100

+1 (661) 716-5101 (Fax)

www.prosoft-technology.com

ps.support@belden.com

PLX31-MBTCP-SIE Release Notes
For Public Use.

July 23, 2026

ProSoft Technology®, is a registered copyright of ProSoft Technology, Inc. All other brand or product names are or may be trademarks of, and are used to identify products and services of, their respective owners.

Content Disclaimer

This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither ProSoft Technology nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. Information in this document including illustrations, specifications and dimensions may contain technical inaccuracies or typographical errors. ProSoft Technology makes no warranty or representation as to its accuracy and assumes no liability for and reserves the right to correct such inaccuracies or errors at any time without notice. If you have any suggestions for improvements or amendments or have found errors in this publication, please notify us.

No part of this document may be reproduced in any form or by any means, electronic or mechanical, including photocopying, without express written permission of ProSoft Technology. All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components. When devices are used for applications with technical safety requirements, the relevant instructions must be followed. Failure to use ProSoft Technology software or approved software with our hardware products may result in injury, harm, or improper operating results. Failure to observe this information can result in injury or equipment damage.

© 2026 ProSoft Technology. All Rights Reserved.

Contents

Your Feedback Please	2
Content Disclaimer	2
 1 Start Here	 4
1.1 About the PLX31-MBTCP-SIE	4
1.2 Release Enhancements	4
 2 Support, Service & Warranty	 5
2.1 Contacting Technical Support	5
2.2 Warranty Information	5

1 Start Here

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

1.1 About the PLX31-MBTCP-SIE

ProSoft Technology's Modbus® TCP to Siemens Industrial Ethernet gateway allows high-speed bi-directional data transfers between Modbus® TCP/IP controllers and Siemens® S7-400, S7-300, S7-200, S7-1200, and S7-1500 PACs.

1.2 Release Enhancements

Release Version	Release Date	Description
1.005.013	10-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).
1.005.011	03-Jul-2025	Fixes & Changes - Fixed EIP port becoming unresponsive during download. - Fixed MBTCP driver and the use of the Option TCP field and timestamps. - Fixed bricking issue for new gateways in Operations.
1.005.007	31-Dec-2024	Fixes & Changes - Added FOSS BOM information to the gateway webpage. - Fixed MBTCP Output and Bit Input offset overflow issue. - Upgraded BusyBox to v1.36.1 (CVE-2022-48174).
1.005.003	24-Jun-2022	Added Command Control Register to Modbus TCP Client driver.
1.005.002	03-Nov-2021	Extended bit level addressing to full 160,000 capacity.
1.005.001	28-Aug-2020	Increased Internal Database size from 4,000 to 10,000 words.
1.04.003	09-Feb-2017	Added Security Feature Implementation – Validate kernel upgrade did not affect protocol communication.
1.00.139	19-Feb-2016	Fixed UDP Broadcast Packet from Source port 50000 causes flood on Network (repeated Discovery Service Response to network).
1.00.138	31-Jul-2015	Fixes to MBTCP Driver.
1.00.137	04-Apr-2014	New base to accommodate PLX32.
1.00.137	04-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.
1.00.134	28-Jun-2013	Compatible with PLX20 and PLX30 hardware.
1.00.132	13-Feb-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

North America (Corporate Location)	Europe / Middle East / Africa Regional Office
Phone: +1 661-716-5100 ps.orders@belden.com Languages spoken: English, Spanish	Phone: +33.(0)5.34.36.87.20 ps.europe@belden.com Languages spoken: English, French, Hindi, Italian
REGIONAL TECH SUPPORT ps.support@belden.com	REGIONAL TECH SUPPORT ps.support.emea@belden.com
Latin America Regional Office	Asia Pacific Regional Office
Phone: +52.222.264.1814 ps.latinam@belden.com Languages spoken: English, Spanish, Portuguese	Phone: +60.3.2247.1898 ps.asiapc@belden.com Languages spoken: Bahasa, Chinese, English, Hindi, Japanese, Korean, Malay
REGIONAL TECH SUPPORT ps.support.la@belden.com	REGIONAL TECH SUPPORT ps.support.ap@belden.com

For additional ProSoft Technology contacts in your area, please see:

www.prosoft-technology.com/About-Us/Contact-Us

2.2 Warranty Information

For details regarding ProSoft Technology's legal terms and conditions, please see:

www.prosoft-technology.com/ProSoft-Technology-Legal-Terms-and-Conditions

For Return Material Authorization information, please see:

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