

Where Automation Connects.



PLX35-NB2 Network Bridge Stand Alone Gateway

October 16, 2025

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PLX35-NB2 Release Notes For public use.

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1 Start Here

This document highlights the new features, fixes, enhancements and known issues for the PLX35-NB2 gateway.

1.1 About the PLX35-NB2

The PLX35-NB2 Network Bridge is the ideal solution for system integrators, machine builders, or anyone requiring remote access to machines for commissioning, troubleshooting, or maintenance. Once a Network Bridge is deployed and a ProSoft Connect account has been created, you are ready to remotely access the automation equipment, reducing travel and saving money. The remote connection is made through ProSoft Connect, our secure, cloud-native platform for the Industrial Internet of Things.

1.2 Release Enhancements

Release Version	Release Date	Description
1.6.90	24-Mar-2022	New Features:
1.0.00		 Improved login security via local UI by restricting the number of incorrect login attempts. User must wait for 10 minutes to log in after five consecutive incorrect login attempts. Remote packet capture option is enabled from ProSoft Connect. Users can capture the Ethernet traffic on LAN or WAN interface for a specified duration. Captured files are stored in ProSoft Connect. Packet capture file name includes timestamp of when the file was created on the gateway. Display available memory in device diagnostics. Added ability to configure subnet mask and default gateway IP for LAN interface.
		Fixes and Changes: ProSoft Connect gets randomly disconnected from PLX35-NB2. Use of Static Symmetric Encryption Key, Private Key, and Certificate. File Relay feature accepts untrusted symbolic links.
		Known Issues:
		 Users cannot downgrade firmware to earlier versions from v1.6.90, due to new signing key method implementation. Using the file system check process on the SD card may encounter errors on first try. Workaround: Repeat file check process. If it fails again, check SD card. Refer to user manual for additional information. SFTP Server Host Keys not accepted: DSA 1024, ECDSA secp256k1. SFTP Server Host Keys accepted: RSA 2048, RSA 3072, RSA 4096, Ed25519 255, ECDSA nistp256, ECDSA nistp384, ECDSA nistp521
1.5.50	8-May-2020	New Features:
		 Secure FTP File Relay Outgoing File Relay destination can be set to ProSoft Connect Mandatory password change at first logins Mandatory Password Change at First Login Reset to Factory Default configuration from Local UI
		Fixes and Changes:
		Tunnel stability improvements
		 Known Issues: Using the file system check process on the SD card may encounter errors on first try. Workaround: Repeat file check process. If it fails again, check SD card. Refer to user manual for additional information. SFTP Server Host Keys not accepted: DSA 1024, ECDSA secp256k1. SFTP Server Host Keys accepted: RSA 2048, RSA 3072, RSA 4096, Ed25519 255, ECDSA nistp256, ECDSA nistp384, ECDSA nistp521 ProSoft Connect support for File Relay - Coming soon.

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1.4.50	2-Jan-2020	New Features:
1.4.50	2-0411-2020	Offers File Relay support using the gateway SD card
		Support for dual OpenVPN connections
		Support for dual Operivi is confinections
		Fixes and Changes:
		Security fixes and improvements
		Other bug fixes and small changes
		Known Issues:
		Using the file system check process on the SD card may encounter
		errors on first try. Workaround: Repeat file check process. If it fails
		again, check SD card. Refer to user manual for additional
		information.
1.3.22	15-Mar-2019	New Features:
		Support for retrieving the logs from PSC
		Support for remote shell for the Support Team
		Various changes related to device time, including manual time setting and a better handling of NTD convers.
		 setting and a better handling of NTP servers Various improvements related to PSC connections
		 Various improvement and bug fixes related to NAT
		Log reader
		Fixes and Changes:
		Various bugs fixes related to boot-up
		User Interface fixes
		Removed map location. Google switched to key-based usage only
		for Google Maps API, quotas are exceeded.
1.2.31	9-Nov-2018	New Features:
		Updated file system for increased stability
		Improved network parameters validation
		Minor bug fixes
		Important Notes
		Important Note:
		After upgrading to this version, downgrading to previous firmware versions is incompatible.
1 2 12	20-Jul-2018	versions is incompatible New Features:
1.2.13	20-Jui-2010	
		 Fixed file system stability issue Minor bug fixes
		- Millor bug inco
		Important Note:
		After upgrading to this version, downgrading to previous firmware
		versions is incompatible
1.1.57	21-Dec-2017	New Features:
		Fixed browser compatibility issues
		Improved debugging functions
		User interface updates and enhancements
		Known Issues:
		After reboot, the first tunnel may fail and needs to be retried
		When using the PLX35 as a DHCP Server, the subnet mask is
		limited to 255.255.255.0 (/24) only

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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

For details regarding ProSoft Technology's legal terms and conditions, please see: www.prosoft-technology.com/ProSoft-Technology-Legal-Terms-and-Conditions

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