Tired of traveling to take care of an issue that could have been resolved by remotely connecting to the control equipment? 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 Belden Horizon™ account has been created, you are ready to remotely access the automation equipment, reducing travel and saving money.

The remote connection is made through Belden Horizon. This is Belden's IT-secure and OT-friendly cloud-native platform for the Industrial Internet of Things. This service can be accessed anytime, anywhere in the world, offering the user a secure and intuitive Web interface to monitor their automation devices in real time. For more information on Belden Horizon, please visit our website: www.prosoft-technology.com.
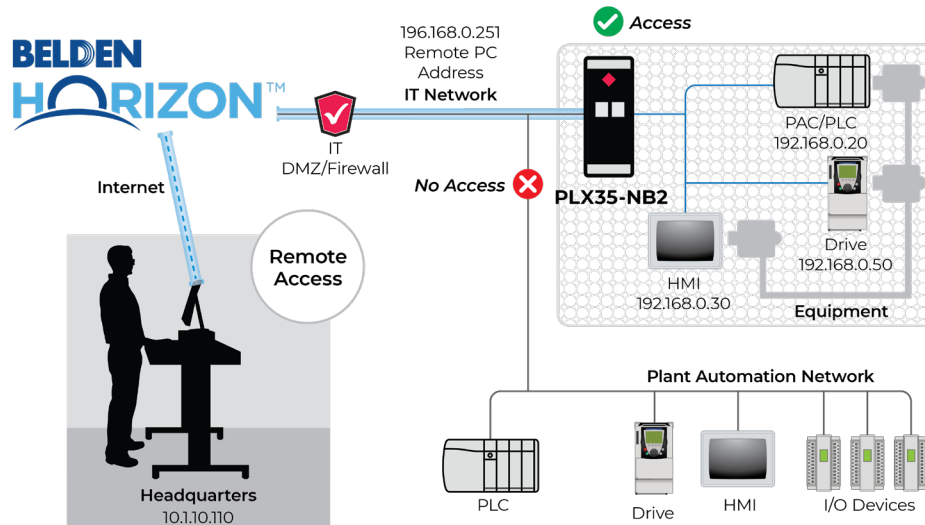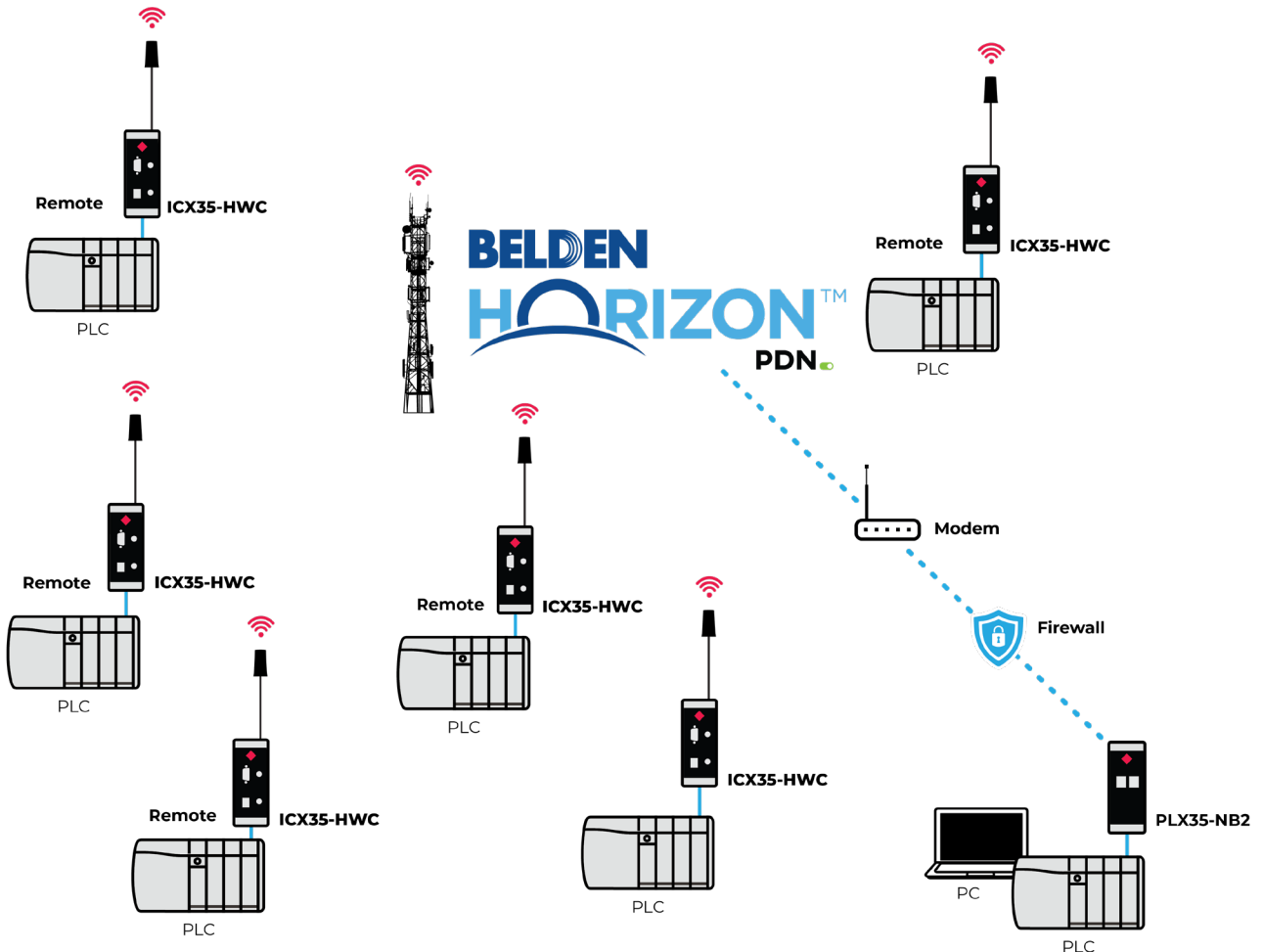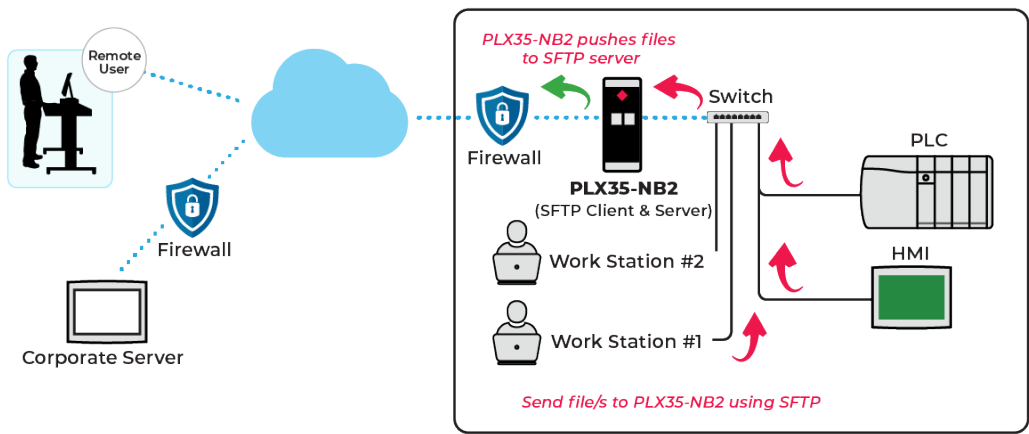
On-demand Secure Remote Access Application using the PLX35-NB2.

Features

❖ Enable / Disable remote access locally via an EtherNet/IP™ message.
❖ Remote Connectivity lets you access a remote network without leaving your office.
❖ The network bridge does not support routing. This secures communication is only established to the target LAN.
❖ Integrates with Belden Horizon, Belden's secure, cloud-native platform for the Industrial Internet of Things.
❖ EasyBridge™ secure remote access provides the easiest way to connect PLC software to remote PLCs.
❖ File Relay – transfer files across segmented networks.
❖ Does not require additional software, increasing network security.

BELDEN
HORIZON™
PDN.

Remote   **ICX35-HWC**
PLC

Remote   **ICX35-HWC**
PLC

Remote   **ICX35-HWC**
PLC

Remote   **ICX35-HWC**
PLC

ICX35-HWC
PLC

Modem

Firewall

PLX35-NB2

PC   PLC

Always-on secure, managed connection via the PLX35-NB2 and ICX35-HWC for remote communication between remote sites. The PLX35-NB2 or the ICX35-HWC can be used at any site.

Remote User

Firewall

PLX35-NB2 pushes files to SFTP server

Switch

PLX35-NB2
(SFTP Client & Server)

Work Station #2

Work Station #1

PLC

HMI

Firewall

Corporate Server

Send file/s to PLX35-NB2 using SFTP

Easily and securely transfer files across segmented networks.

Specifications

Functions

VPN	VPN connection established through Belden Horizon
EtherNet/IP	Supports local control of VPN access through MSG instruction
Ports	HTTP and HTTPS ports 443 and 8080
File Relay	Transfer files across segmented networks

Physical

Enclosure	Extruded aluminum with DIN clip
Dimensions (H x W x D)	5.52 x 2.06 x 4.37 in 14.01 x 5.24 x 11.09 cm
Shock	IEC 60068-2-27; 20G @ 11ms (Operational) IEC 60068-2-27; 30G @ 11ms (Non-Operational)
Vibration	IEC 60068-2-6; 10G, 10 to 150 Hz
Ethernet Port	(2) 10/100 Base-T, RJ45 connector
SD Card	Yes, maximum size 32GB (located at back of module)

Environmental

Operating Temperature	IEC 60068; -22°F to +158°F (-30°C to +70°C)
Humidity	IEC 60068-30; 5% to 95%, with no condensation
External Power	10 to 30 VDC
Peak Power Consumption	< 6W

Agency Approvals and Certifications

Please visit our website: www.prosoft-technology.com

Where Automation Connects™
Global Distribution

ProSoft Technology® products are distributed and supported worldwide through a network of over 500 distributors in over 50 countries. Our knowledgeable distributors are familiar with your application needs. For a complete list of distributors, go to our website at:
www.prosoft-technology.com

Ordering Information

To order this product, please use the following:

Network Bridge

PLX35-NB2

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to:
www.prosoft-technology.com
and select *Where to Buy* from the menu.