Networking and Wireless Communication Gateways

Where automation connects

Gateways

Industrial Cellular Gateway (ICX35-HWC)

- 4G LTE cellular or wired access via WAN/LAN port
- Ethernet port available for internet connection or SIM card
- Monitor and manage via ProSoft Connect

Network Bridge (PLX35-NB2)

- Wires remote access
- Monitor and manage via ProSoft Connect
- Enable/Diable remote access locally via an EtherNet/IP message
- File Relay - transfer files across segmented networks

Data Logger Plus (PLX51-DLplus-232)

- Ideal for remote sites with limited communications that need to log data (stores over 16M records!)
- Can help OEMs identify operational issues and improve OEE
- Data can be downloaded as a .csv file
- Support for 200 tags; minimum log interval: 50 milliseconds
- Features support for JSON interface, enabling easy exporting of logged data of business CRM Systems
- Features an integrated webserver to trend variables and upload logged data
- XLReporter connection available

One stop solution for industrial products and services

Power and Energy Solutions

Connecting your Rockwell Automation controller to intelligent electronic devices (IEDs), including substation power monitors and relays.

Those devices' data can then be used for IED integration and substation automation, as well as be sent to the utility enterprise level. ProSoft has a variety of modules that can help you extend your power and energy application's Connected Enterprise.

IEC 61850 Solutions

IEC 61850 Client Module

- Allows ControlLogix® PACs to interface with IEC 61850 IEDs, including power protection equipment; features support for up to 40 IEC 61850 Server devices on the network
- Supports up to 225 I/O connections to ControlLogix PAC

- Supports MMS and GOOSE messaging, helping you eliminate hard-wired I/O signals for interlocking of protection relays and load shedding applications
- Streamlined configuration: Highly integrated into Studio 5000 with Add-On Profile; custom
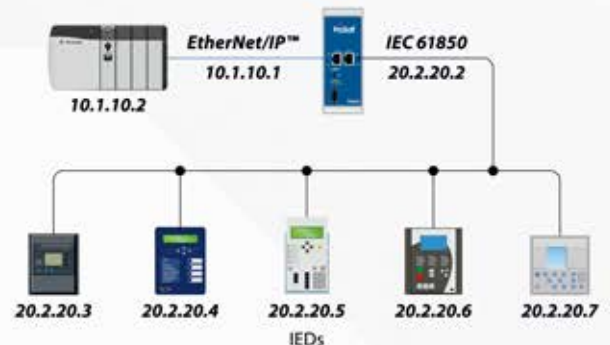
Add-On Instruction available

- An IEC 61850 Server Module is also available for ControlLogix PACs.

IEC 61850 Gateway

- Fast, real-time data transfers with a maximum of 10,000 bytes in and 9,920 out (PLX82)
- Polls up to 20 IEC 61850 server devices

- Application-specific Add-On Instructions are automatically generated
- IEC 61850 IED tags are created in your Studio 5000®/RSLogix 5000™ Project, reducing configuration time and errors

Other protocol solutions are available, including modules supporting IEC-60870-5-101/103/104, Modbus, PROFIBUS, and PROFINET.

DNP3 Solutions

Connect power and energy, oil and gas, or water and wastewater sites with industrial DNP3 solutions.
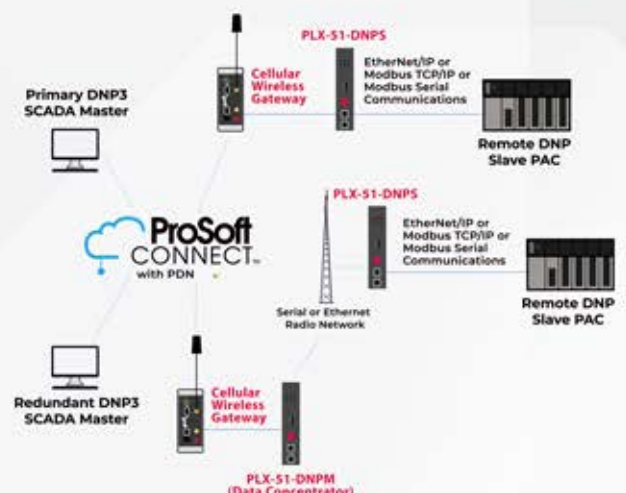
DNP3 Master and Slave Gateways

The PLX51-DNPM and -DNPS gateways enable intelligent routing between DNP3 and EtherNet/IP or Modbus protocols. Adding these modules into your SCADA and telemetry system will help you reliably capture key data with no holes, with time and date-stamped data at the source.

- Supports secure authentication
- Optimized for Rockwell Automation architectures
- Flexible and easy to configure

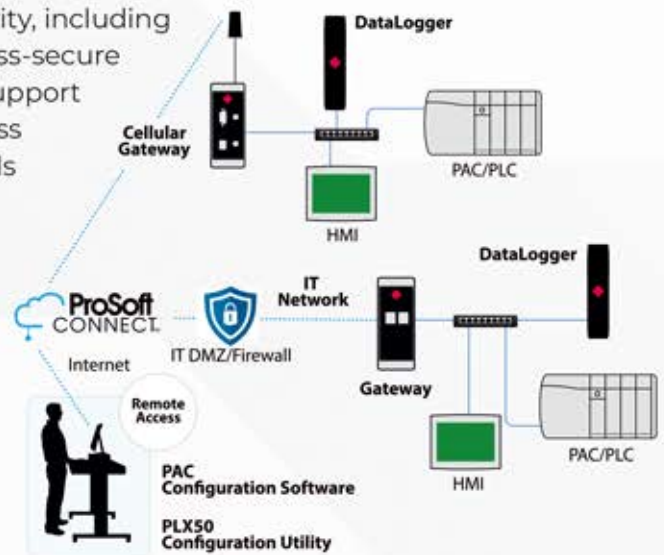**PLX51-DNPM In Data Concentrator Mode with ProSoft PDN**

Secure Remote Connectivity

ProSoft's Secure Remote Access suite, easy to use by design, provides IT-secure and OT-friendly solutions that help you connect to your equipment anywhere, at any time.

Remote access gateways and always-on networks can be monitored securely and easily in ProSoft Connect, our cloud-native service.

We aim to make remote access as secure and streamlined as possible, and put the end user in the driver's seat, ensuring complete access control of remote equipment. Our remote access solutions feature:
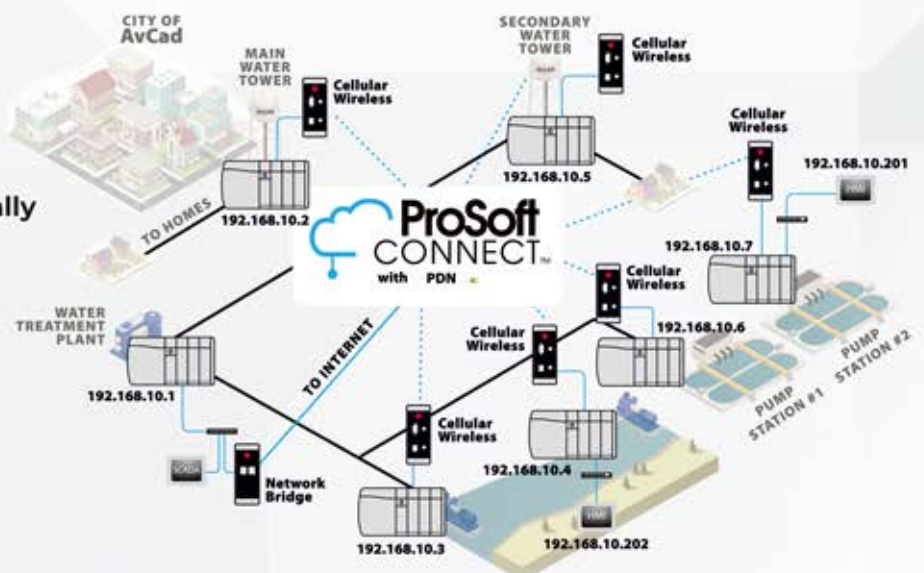
- Virtual Lockout-Tagout feature for greater access control of specific equipment
- A multi-layered Defense-in-Depth approach to security, including advanced two-factor authentication (we avoid the less-secure SMS mode of authentication) and Active Directory support via Single Sign-On (SSO), which means you can access ProSoft Connect with your corporate login credentials
- Role-based device and user access
- No software updates on your part – no user installed software means you'll eliminate an entry point for hackers, and save time for your team
- OpenVPN support: One-time-use tunnels provide a secure connection between your equipment and ProSoft Connect
- Layer 2 Tunneling Protocol (L2TP)/IPSec and Secure Socket Tunneling Protocol (SSTP) support increases VPN security for all popular clients, including Windows, iOS, and Android products, and easily allows you to see your remote devices rather than try to remember them
- Support for SMS messaging from your EtherNet/IP or Modbus TCP/IP PAC (Cellular Gateway only)

Persistent Data Network (PDN)

Always-on, secure, and managed cloud based network to connect geographically dispersed remote sites.

This simple, secure solution is ideal for infrastructure communications networks.

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