

EtherNet/IP™ to IEC 61850 two-port gateway (PLX82-EIP-61850) FAQ

Why did we create the EtherNet/IP™ to IEC 61850 gateway?

The IEC 61850 protocol is expanding in the power industry. The gateway was created to allow Rockwell Automation® PACs to exchange data with IEC 61850 Intelligent Electronic Devices. These include networked devices that implement protection, metering, control and monitoring of energy management systems.

What is the difference between the PLX82-EIP-61850 and the PLX81-EIP-61850?

The PLX81 has 1 Ethernet port. The PLX82 has two Ethernet ports. The two ports allow the IEC 61850 and EtherNet/IP™ protocols to reside on separate subnets. Now you're able to pass data between the two subnets without changing each device's IP address to be on the same subnet.

Can I set up the gateway's IP address without changing my PC's IP address?

Yes. The module's IP address is initially setup through ProSoft Discovery Service (PDS) utility, which is supplied on your setup DVD. A free download is also available on our website www.prosoft-technology.com With PDS, you don't have to change your PC to the default subnet of the module, saving you time during setup. PDS is a software utility used to allow your PC to find your Ethernet-based product, and change its default IP address without being on the same subnet.

How is the gateway configured?

Configuration is accomplished through the dedicated PLX8x-EIP-61850 Configuration

Manager software which is included on the setup DVD. It can also be downloaded from our website, www.prosoft-technology.com. The software allows you to import all of your relevant IED tags into your Logix® controller database, reducing configuration time and errors.

What's the maximum number of IEDs the gateway can communicate to?

The gateway supports up to 20 IEDs on the network with a maximum of 300 data attributes each.

Does the gateway have a disaster recovery feature?

Yes. The gateway has an SD Card slot for storing configuration files that can be used for disaster recovery.

Does this product come with server capability?

No. This module acts as a Client, however, an in-chassis Server module for ControlLogix® is available. (MVI56E-61850S)

Need help with your specific application?

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Frequently Asked QUESTIONS

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