

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

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### **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](http://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](http://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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