

IED Integration and Automation Training

Course: Securing the SMP Gateway Training
P-TTRN- 0113-00

Duration: 1 day

Overview:

Students are introduced to the security features of the SMP Gateway and Yukon IED Manager Suite and are shown how to implement a secure automation and integration system with these products.

Recommended Audience:

The course is intended for engineers and technicians involved in the process of specifying, selecting, installing, configuring, maintaining or operating substation automation and control systems.

Prerequisites:

“Using the SMP Gateway” training is a prerequisite.

Objectives:

At the end of a full course, students will be able to:

- Configure the SMP Gateway firewall
- Configure the SMP Gateway local security policy
- Configure user accounts and permissions in the SMP Gateway local security database
- Configure data points to monitor and control access to system functions
- Extract and analyze SMP Gateway logs
- Configure the Enterprise Security Server
- Configure SMP Gateway global security
- Extract and analyze Enterprise Security Server logs

Contents:

- Introduction
- Threats and risks
- Network security
- Overview of SMP Gateway security features
- SMP Gateway security policy
- SMP Gateway local user accounts
- Security logs
- Internal data points used to monitor and control system functions
- Managing security for multiple gateways
- Enterprise Security Server features
- SMP Gateway global security
- Enterprise-level logs

Conditions:

- Course runs from 8:30 AM to 4:30 PM, for one day.
- Course can be held at Cooper Power Systems' offices or at client facilities.
- Each participant will receive printed notes.
- Availability of specific field devices to be used for hands-on exercises must be arranged for ahead of time.
- For courses given at its offices, Cooper Power Systems provides the SMP Gateways and computers for the hands-on exercises.

Cooper Power Systems
2300 Badger Drive
Waukesha, WI 53188

P: 877-CPS-INFO
www.cooperpower.com
www.cooperpowereas.com

Montreal
1290 St. Denis Street, Suite 300
Montreal, Quebec
Canada H2X 3J7

Sales:
P: +1.514.845.6195
sales@cybectec.com

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