

COURSE DESCRIPTION

PowerSCADA Operation (PSO) 9.0 Troubleshooting

Overview

While deploying a PowerSCADA Operation project, issues may arise that require advanced troubleshooting skills. This course expands on knowledge gained in the PSO Deployment course to allow a student to identify flaws in a PowerSCADA project and correct them, or identify the source of the error if it is outside the project. Students are expected to have some PSO and device communication experience in the field and to ask questions based on their experiences.

Duration

3 Days (T-W 8am-5pm / Th 8am-3pm). *Please book departing flights for 5pm or later on the last day of class.*

Who should attend

This training course is an integral part of the complete Schneider Academy curriculum. This course is designed for:

- Solution Application Engineer
- System Integrator / Partner
- Services Engineer / Technical Support L1/L2/L3

Prerequisites

- PowerSCADA Operation Project Deployment or equivalent experience
- Hardware Installation and Troubleshooting or equivalent experience
- Be familiar with the concepts of power monitoring
- Be familiar with the concepts of energy management
- Be familiar with Microsoft Windows
- Have basic knowledge in networking and communication

Students will be able to

- ❑ Differentiate a PowerSCADA communication failure from a physical communication fault
- ❑ Diagnose and correct a communication failure
- ❑ Identify situations where a device may communicate but not read data
- ❑ Correct instances where data is read but is displayed incorrectly
- ❑ Diagnose and correct issues with the Advanced One-Line engine
- ❑ Correctly run the PSO Web Client

Agenda

Day 1 Topics

Review the PowerSCADA project deployment

Learn the basics of Modbus with Modscan

Troubleshoot the different modes of communication failure

Understand why data may be read incorrectly

Day 2 Topics

Correct the data formatting from device to display

Review and fix issues with Advanced One-Line

Day 3 Topics

Learn the issues with deploying thick clients

Understand why web clients may fail