

# SAGE RTU Training

## Installation and Operation training for SAGE Covers S3030M – S2400 - S1430 – S1410 units



### Description

This course introduces engineers and technicians to the basics required for the installation, configuration, and maintenance of the Schneider Electric (Telvent) SAGE 3030M/2400/1430/1410 RTUs. A practical overview of all components will be supplemented with hands-on configuration techniques.

### Objective

In this course, we provide you with the skills necessary to install, configure, operate and troubleshoot SAGE RTUs.

### Prerequisites

Familiarization with basic computer functionality and terminology

### Audience

This course is designed for personnel responsible for installing and configuring the SAGE RTU.

### Timing

This course can be taken at any time during your project lifecycle.

### Duration

Three days.

### Location

This course may be presented at your place of business or at Schneider Electric's Houston training facility.

### Equipment

Students should bring a laptop computer with Internet Explorer and Chrome browser installed.

#### Day 1 – Introduction, Communications and Configuration

- Inventory of Handouts
- Introduction to Schneider Electric RTUs
- Principles of the SAGE RTU
- Establishing Communications with the **SAGE RTUs**
- Configuring the SAGE RTUs (includes **scaling and point mapping**) with **examples for every function**
- Uploading and Downloading Operating **System, GUI, Application, and Configuration**

#### Day 2 – First Half – Configuration Cont.

- Review and discussion
- Practice

#### Day 2 – Second Half – Hardware Review

- Failure Analysis

#### Day 3 – Secure Firmware Features

- Updating from Non-secure to secure **firmware**
- Account Maintenance
- Configuration Converter
- Secure Shell (SSH)
- Secure FTP (SFTP)
- HTTPS (SSL)
- Logs

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