D25 plus DNP3 I/O Modules with ConfigPro* TST-0005

This course includes instruction on the latest version of ConfigPro* along with instruction on the D25 product family. The course covers the hardware and software components and how to use the ConfigPro* configuration system. The DNP3 protocol is used for communications to master and slave devices. Maintenance utilities for diagnosing and troubleshooting hardware, software and configuration related problems are also included. Configuration of the Plant I/O (B049), DNP3 DCA (B023), DNP3 DPA (B021), Bridgeman (B015), DNP3 Serial Datalink (B013) and Communications Watchdog (A026) are all covered.

Key Course Objectives

- ✓ Identify D25 hardware components.
- ✓ Identify DNP3 I/O Module components to interface with D25.
- ✓ Identify configurable hardware options such as jumpers, and reference supporting component documentation.
- ✓ Locate field replaceable components such as fuses, memory chips and resistor DIPs.
- ✓ Identify firmware and compatibility concepts.
- ✓ Apply ConfigPro* software features that support projects, devices, applications and firmware.
- ✓ Describe DNP3 DCA, DNP3 DPA and Communication Watchdog DTA overview.
- ✓ Configure the D25 to collect data from local I/O and IEDs.
- ✓ Configure the D25 to monitor communications to slave devices and set alarms based on communications failures.
- ✓ Configure the D25 to report data to several master stations and manipulate the data being reported.
- ✓ Showcase additional features of the ConfigPro* software package such as: report generation, configuration upload, and project conversion from older versions of ConfigPro*
- ✓ Troubleshooting via Wesmaint* maintenance utilities, verifying correct RTU operation.
- ✓ Demonstrations include:
  - Firmware Download
  - Configuration Download
  - Plant I/O functionality
  - DNP3 DCA functionality
  - Watchdog DTA functionality
  - DNP3 DPA functionality

Suggested Audience

SCADA / RTU Installation and Maintenance Personnel

Prerequisites

In order to successfully understand the course material, completion of the following prerequisites is recommended:

- an understanding of RTU and SCADA concepts.
- a working knowledge of PCs and Windows®

5 Days **$ 2,375 (USD)**