

Training Overview

Overview

This course includes instruction on the latest version of ConfigPro along with instruction on the D20/D200 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. The course can be focused towards one of the D20 product family platforms (D20 or D200). Configuration of D.20 Link (B003), DNP3 DCA (B023), DNP3 DPA (B021), Bridgeman (B015), DNP3 Serial Datalink (B013) and Communications Watch Dog (A026) are all covered.

Features

- Identify D20/D200 hardware components.
- Identify configurable hardware options such as jumpers, and reference supporting component documentation.
- 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 D20/D200 to collect data from peripherals and IEDs.
- Configure the D20/D200 to monitor communications to slave devices and set alarms based on communications failures.
- Configure the D20/D200 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.

▪ Demonstrations include:

- Firmware Download
- Configuration Download
- D.20 Link functionality
- DNP3 DCA functionality
- Watchdog DTA functionality
- DNP3 DPA functionality
- Troubleshooting via Wesmaint maintenance utilities, verifying correct RTU operation.

Applicability

This course is intended for SCADA / RTU Installation and Maintenance Personnel. 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®

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