DELTAV HARDWARE AND TROUBLESHOOTING

COURSE 7018

This course is recommended for instrumentation and maintenance technicians and their managers, and for configuration engineers prior to taking configuration classes. It provides an overview of the DeltaV Control Network, hardware, and software applications. Upon completion, you will be able to describe the hardware and perform troubleshooting techniques for the DeltaV Control Network, Controllers, I/O subsystem, and workstation..

Overview

This 4-day course focuses on the hardware components that make up the DeltaV system. Using a combination of lectures and workshops, you will assemble the system and power up the Controller, I/O subsystem, and workstation. You will learn how to use the diagnostic tools available to verify and locate hardware-related fault conditions, and you will be introduced to configuration tools and the operator interface. If your systems include bus technologies, we recommend courses 7030, 7032, or 7037. The 7018 course satisfies the prerequisite requirement for these bus courses.

Prerequisites
- Windows experience.

Topics
- DeltaV Overview
- Controllers
- I/O Cards
- Carriers
- Field Power
- System Power Supplies
- Control Network
- Workstation
- Diagnostics
- Troubleshooting
- DeltaV Operate Overview
- Interpreting the Event Journal, Trend Charts and Alarm List
- Introduction to HART Devices and AMS
- Intelligent Device Manager

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