M205 Conductor VMS Engineering with Composer

Course Description

Course Duration
The duration is 9 days.

Course Goal
The goal of this course is to teach students the basic configuration of the Conductor VMS console using the Composer Database Browser to create an actual tag and trend tag database and Composers™ Graphical Display Configurator to create custom graphics and symbols.

Student Profile
The student will be anyone responsible for process control instrumentation, Human System Interface (HSI) graphics and display generation, managing and generating system tag and trend tag databases, site specific logging formats, Conductor VMS networking, tuning and maintenance.

Prerequisites and Recommendations
The student should have successfully completed the Infi90 Open® courses M101 and M103 or the Symphony™ courses M111 or M201 and M202 prior to attending this course.

Description
This course uses the configuration capability of the Composer™ Database Browser to create an actual tag and trend tag database and build the databases to the Conductor VMS console. “Hands-on” exercises, using the Graphical Display Configurator will provide the opportunity to create custom process graphics and symbols, trend displays, alarm summaries and system status screens for use on the Conductor VMS console. The student will also execute DCL (DEC Command Language) commands, backup/restore procedures, accounts, security levels, window assignments and network configuration.

Course Objectives
Upon completion of this course, students will be able to:

• Configure the Console environment
• Create and process a tag and trend tag database
• Edit a tag and trend tag database online
• Build process control and system status displays
• Implement standard graphic symbols
• Design custom user symbols
• Generate engineering unit and logic state descriptors
• Perform database translations
• Create/update alarm comments and produce alarm summary displays
• Use display utilities
• “FTP” graphic and symbol displays
• Load Conductor VMS and Application software
• Backup and restore Console configuration data
• Identify Console hardware
• Utilize Console accounts and passwords

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Main Topics

- Course Introduction
- Identifying key hardware components and devices
- Creating a tag/trend tag database
- Building graphical displays
- Utilizing dynamic graphical elements
- Configuring DecNet protocol
- Defining devices
- X-windows management
- Defining DecServer application
- Installing TCP/IP protocol
- Preserving Console configurations

Course Calendar - M205 Conductor VMS Engineering with Composer

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ABB

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