



Infi90 302 Course Syllabus

OIS 4X (VMS) Configuration, Troubleshooting

Synopsis:

Infi90 302 provides the engineer or technician with the basic skills needed to Configure, Maintain, and Troubleshoot the Bailey VMS based Operator Consoles. Hardware and Software covered is based on the Console Version installed in the customer's plant.

Prerequisites:

Attendees should have attended Infi90 101, or have equivalent basic understanding of the Bailey Infi90 system.

Course Duration:

Five (5) Days

Course Outline:

1. Console Overview
 - a. Block Diagram of system from Graphic to Tag to I/O
 - b. Interface between Console and rest of Infi90 System
 - c. Overview of Console Hardware
 - d. DECnet Architecture and Addressing
 - e. MTOS File System (Variation Used on top of VMS)
 - f. Basic VMS File Commands
 - g. Pushing and Pulling Files over Network
 - h. General Functions Menu Tree
 - i. Keyboard Layout
 - j. Screen and Window Layout
 - k. Client Console Hardware and Configuration
 - l. DECnet Print Server Configuration
2. Tag Database
 - a. Tag List Structure
 - b. Tag List Files

- c. Tag Types
 - d. Offline Tag List Tools
 - e. Online Tag List Editing
 - f. Transferring Tag List to and from Console
 - g. Conversion of Tag List
3. Trend Database
- a. Trend List Structure
 - b. Trend List Files
 - c. Trend Storage Files
 - d. Offline Trend List Tools
 - e. Online Trend Editing
 - f. Transferring Trend List to and from Console
 - g. Conversion of Trend List
4. Display Configuration
- a. Display File Types
 - b. Display Builder Reference (DT file commands)
 - c. SLDG or WLDG graphic configuration
 - d. System Status Display Creation
 - e. Device Status Display Creation
 - f. DR to DT File Conversion
 - g. Display Builder Usage
 - h. Pushing and Pulling Graphics Between Consoles
 - i. Special Navigation Keys
5. Hardware
- a. Multibus Cards
 - b. Power Supplies
 - c. Hard Drive System
 - d. Touch Screen Calibration
 - e. Interface Hardware
6. Troubleshooting
- a. System Status Display
 - b. VMS System Window and Tools

- c. System LED's
 - d. Normal System Startup Sequence and Problem Interrupts
 - e. Power System Checks
7. Log Configuration (Optional)