



Infi90 303 Course Syllabus

LAN90/PCV Configuration, Troubleshooting

Synopsis:

Infi90 303 provides the engineer or technician with the basic skills needed to Configure, Maintain, and Troubleshoot the Bailey QNX 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. QNX Ethernet Architecture and Addressing
 - e. QNX File System
 - f. Basic QNX File Commands
 - g. Copying Files over Network
 - h. General Functions Menu Tree
 - i. Keyboard Layout (Standard QWERTY and Optional Mylar)
 - j. Screen and Window Layout
 - k. Client Console Hardware and Configuration
 - l. Shared Printer 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. SLDG or WLDG graphic configuration
 - b. System Status Display Creation
 - c. Device Status Display Creation
 - d. Display Builder Usage
 - e. Copying Graphics Between Consoles
 - f. Control Faceplates
5. Hardware
- a. Multibus Cards or CIU depending on Configuration
 - b. Hard Drive System
 - c. Touch Screen Calibration
6. Troubleshooting
- a. System Status Display
 - b. QNX System Window and Tools
 - c. System LED's
 - d. Normal System Startup Sequence and Problem Interrupts
 - e. Power System Checks (On OIS 1X Console Versions)
7. Log Configuration (Optional)