



## **Infi90 301 Course Syllabus**

### **OIS 20, 25; MCS, MCS+ Configuration, Troubleshooting**

#### **Synopsis:**

Infi90 301 provides the engineer or technician with the basic skills needed to Configure, Maintain, and Troubleshoot the Bailey MTOS 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. MTOS File System
  - e. Basic MTOS File Commands
  - f. General Functions Menu Tree
  - g. Keyboard Layout
  - h. Screen Layout
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. 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. Device Status Display
  - b. System Status Display
  - c. Diagnostic Terminal Operation
  - d. System LED's
  - e. Normal System Startup Sequence and Problem Interrupts
  - f. Power System Checks
- 7. Log Configuration (Optional)