



Business Industrial Network

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CONTROLLOGIX INTRODUCTION - DAY 2

Description

This module introduces configuration of analog I/O modules. Students will learn a variety of methods for editing ladder logic. Relay, Timer and Counter instructions will be presented in a way that meets the needs of programmers and maintenance personnel. The final lesson in this module introduces advanced features available in the Tag Database.

Lessons

1. Adding Analog I/O

- Adding Analog I/O
- Interpreting I/O addresses in the tag database

2. Basic Relay Type Instructions

- XIC, XIO
- OTE, OTL, OTU
- ONS, OSR, OSF

3. Editing Ladder Logic

- Offline editing
- Online editing in Program mode
- Online editing in Remote Run mode
- Short cuts available when editing

4. Timers and Counters

- Memory usage of a timer structure/tag
- The TON, TOF, RTO and RES instructions
- Memory usage of a counter structure/tag
- The CTU, CTD and RES instructions

5. Arrays and UDT's

- Instruction specific predefined data types
- Arrays
- User defined data types