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Software	RSLogix 500
Duration	5 Days
PLC-Type	Allen Bradley SLC500 PLC
Pre-Requisites	Attended SLC500 Basic course or be fully conversant with SLC500 Basics
Maximum Delegates	6

Brief Description

- * Be able to troubleshoot an complex SLC 500 PLC system in a competent and confident manner.
- * Be able to configure SLC500 hardware and be able to network PLCs
- * Be able to write simple programs and understand complex prewritten code
- * Understand advanced instruction set and be able to make major modifications to software.
- * Be responsible for plant backup policy, taking backups on a regular basis
- * Be able to perform advanced system diagnostics when a problem occurs.

Course Documentation

- * Training Log
- * Pre Course Exercises
- * Course Exercises
- * Post Course Exercises
- * Filofax Pocket Reference Guides

Course Content

HOW DO I DO THE FOLLOWING? (some straight forward some not so)

- * Design a PLC system from scratch, power requirements, I/O types, networks
- * Use remote I/O systems, Flex I/O, RIO adapter
- * Advanced I/O configuration, M and G files
- * Design and Configure networks, DH485, DH+ or Ethernet.
- * Use and configuration of networking instructions MSG etc.
- * Understand communications port parameters and be able to interface to devices, PanelView etc.
- * Communications Diagnostics Files
- * Use of RSLinx to extract data from PLC to Excel spreadsheet.
- * Interrogation via RSLinx
- * Using Internet Explorer to access embedded web pages, SLC 5/05 processors
- * Understand intermediate and advanced instructions
- * Create library files, copy and paste blocks of code
- * Use of advanced system functions, real time clock, timed interrupts etc
- * Direct interrupts
- * Use of ASCII to communicate with external devices

Equipment

- * SLC500 PLC
- * PC or Laptop
- * Simulator

Solutions, Not Courses.