

Merge Logix with TIA Portal (STR-TIOILUNI2B)

Type

Virtual Instructor-led Learning

Duration and Continuing Education Units (CEU)

8 Hours (Schedule varies)
0 CEUs

Short Description

This workshop is intended to lead Studio5000 users to want to learn more about TIA Portal through traditional Siemens training courses. Studio5000 topics will be shown briefly by the instructor to remind the participants of the functionality. It is prerequisite that participants be at an intermediate or advanced level of programming Studio5000.

Objectives

- Compare and Contrast Siemens Software & Hardware components to alternative manufacturers
- Learn key software navigational skills to develop a TIA Portal Project, configure hardware devices & I/O network configurations
- Define I/O Tags, Tag Structures, UDTs, I/O Addressing, Tag definitions
- Upload/Download Projects, Online monitoring, Simulation, Use Search Functions & use Library Elements
- Correlate Tasks, Programs, and Routines with Program Block groups, Functions, Function Blocks, Organization Blocks, & Data Blocks
- HMI Hardware Selection Visualization software tools

Content

- Software component comparison
- TIA Environment Layout
- Working with Projects Archive, Folder Structure
- Hardware Configuration
- I/O Addressing
- Emulation/Simulation
- Uploading/Downloading/Going Online
- IEC 61131-3
- Tags
- User Defined Types
- Logic Layout
- Monitoring Tags
- Search Functions
- Libraries
- HMI
- Online Monitoring / Diagnostics/Troubleshooting
- FT Alarms and Events versus ProDiag

Language

English

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