SIEMENS

TIA Portal WinCC Comfort / Advanced Panel Configuration - Virtual (SCT-PTOILWCMP1A)

Global Reference

TIA Portal WinCC - Machine Level Course 2 (TIA-WCCM2)

Type

Virtual Instructor-led Learning

Duration and Continuing Education Units (CEU)

20 Hours (Schedule varies)
2 CEUs

Target Group

- Programmer
- Engineer

Short Description

This course provides a comprehensive review of the features and capabilities of Siemens SIMATIC TIA Portal WinCC Advanced software. Students will perform a complete system configuration including project configuration, graphics design, and system integration. Students will also build skills with the user management tools including security, access, alarms, and messaging. Advanced functionality such as recipe creation and scripting are briefly introduced through scenario applications.

Objectives

- Create and manage a WinCC Advanced project
- Integrate components between WinCC Flex and STEP 7
- Create tags from the STEP7 symbol table
- Design graphic screens and tools
- Configure internal and external tags
- Define & administer user security
- Set and test the Alarms and Messages
- Configure, archive and display trends
- Configure a basic recipe

Content

- WinCC Advanced System Overview
- Creating a Project
- Project Transfer
- Basic Graphics Design
- Advanced Configuration Functions
- User Management
- The Message System
- Tag Logging (Archiving), Trends, and Trend Configuration
- Recipe Management

Note

Throughout this course, lecture materials are complemented with interactive, virtual exercises which build a working SIMATIC TIA Portal WinCC Advanced application. Each participant has their own virtual machine with all software and simulators available.

Language

English