

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

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

4 Days
2.6 CEUs

Target Group

- Maintenance
- Engineer

Short Description

This course is for automation control engineers or maintenance staff designing, configuring, or maintaining a control system application configured with SIMATIC TIA Portal WinCC Advanced software.

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. Throughout this course lecture materials are complimented with hands-on exercises which build a working SIMATIC TIA Portal WinCC Advanced application.

Objectives

- Create and manage a WinCC Advanced project
- 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
- Integrate components between WinCC flex and TIA Portal
- Create tags from the TIA Portal symbol table

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

Language

English

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