SIEMENS

SIMATIC WinCC SCADA Engineering and Sustaining - Virtual (SCT-S7OILWINI2A)

Global Reference

SIMATIC WinCC, System Course (ST-BWINCCS)

Type

Virtual Instructor-led Learning

Duration and Continuing Education Units (CEU)

20 Hours (Schedule varies)
2 CEUs

Target Group

- Maintenance
- Programmer

Short Description

Using a model application, this virtual course provides a system overview of WinCC with emphasis on its capabilities and special features. Detailed configuration procedures will be studied in an order compatible with the typical development of an industrial application. Students will learn the correct development process beginning with creating a project and concluding with reporting and printing. Examples of programs that can be written to take advantage of WinCC open architecture are discussed. Throughout this course lecture materials are complimented with virtual-based exercises which build a working WinCC application. Access to fully functional software, virtual tools, and exercises are provided to each participant through a cloud-based application

Objectives

- Create and manage WinCC Projects
- Establish communications with the PLC or OPC Server
- Configure internal and external tags
- Describe Use of update cycles for tag connections
- Create Overview and detail graphics
- Implement screen navigation
- Create Customized Objects and faceplates
- Creating reusable popup windows
- Make objects dynamic using various tools
- Define & Administer User Security
- Create and test the WinCC Alarms and Messages
- Configure, archive and display Trends & Tables
- Configure Archive Management
- Configure, preview and print Reports

Content

- WinCC System Overview
- WinCC Explorer

- Graphics Designer
- Making Objects Dynamic
- Advanced Functionality
- Menus and Toolbars
- User Administration & Security
- Alarm-Logging / Messages
- Archiving & Trending
- Archive Management
- Diagnostics
- Reports Designer

Language

English