SIEMENS

Simatic WinCC Unified för PC, Avancerad kurs (TIA-UWCCPC)

Short Description

SIMATIC WinCC Unified is the new visualization system in the TIA Portal. The system impresses with its use of native web technologies, which are introduced to you in this course. You will also learn about the high degree of openness through high-performance interfaces. Learn how to use WinCC Unified and the new PC Runtime and get a personal impression of the performance of the new system.

Objectives

The training is intended for participants who want to learn more about WinCC Unified in the SCADA environment. Building on the System Course (TIA-UWCCM), you will learn more about the individual basic and SCADA options in addition to the basic functionalities of WinCC Unified PC Runtime.
Upon completion of the course, you will be able to use WinCC Unified PC Runtime with confidence and create your own HMI / SCADA projects with WinCC Unified Engineering:
• Differences between Unified Comfort Panels / WinCC Unified PC Runtime
• Multi-monitor systems
• Client / server systems (web-based) and plant configurations
• Web-based remote operation and control
• Data-based archives for large data volumes and reporting
• Use openness of WinCC Unified
• Technological plant hierarchy
• Distributed plant configurations
Advantages
• Training for the new HMI system, WinCC Unified, directly from the manufacturer.
• Skill is more than knowledge. Upon completion of the course, you will have mastered WinCC Unified by performing numerous practical exercises.
• Introduction to the new HTML5-based WinCC Unified. Get a personal impression of the performance.

Target Group

You are tasked with creating and/or editing HMI projects for the WinCC Unified PC Runtime.
This course expands on the skills you learned in the System Course and will provide you with a great deal of new information so that you can work confidently with WinCC Unified and WinCC Unified PC Runtime.
• Programmers
• Commissioning engineers
• Configuring engineers
• Maintenance personnel
• Repair personnel
• Service personnel
• Operators

Content

• System overview
• Differences between Unified Comfort Panels / WinCC Unified PC Runtime
• Creating a project and loading it to the PC station
• WinCC Unified clients
• Data-based logging
• Reporting
• Openness of WinCC Unified
• Connectivity – OPC UA
• Plant hierarchy – Object-oriented plant model
• Collaboration – Setup of distributed configurations
• Plant Intelligence options
• WinCC Unified tools

Prerequisites

The prerequisite is attendance of the course "Simatic WinCC Unified & Unified Comfort Paneler (TIA-UWCCM)" or equivalent knowledge.

Type

Face-to-face training

Duration

2 days

Language

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Fee

14,600 SEK