

Simatic WinCC Unified 3 (TIA-UWCC3)

Short Description

SIMATIC WinCC Unified as a visualization system in the TIA Portal. The system impresses with its use of native web technologies, which you will become acquainted with in this course. You will also learn about its high degree of openness thanks to high-performance interfaces. Learn how to use WinCC Unified and the new PC Runtime software and get a personal impression of the capabilities 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-UWCC1), the topics listed below are conveyed based on WinCC Unified PC Runtime.

Learn more interesting options and configuration possibilities of WinCC Unified:

- Apply connectivity with OPC UA
- Introduction to programming JavaScript for WinCC Unified
- Deepening of JavaScript knowledge (ScriptDebugging/TraceViewer)
- User Management Component - Possibilities and Use Cases
- Edge - Entry and application of apps
- Audit - Applications and Uses at WinCC Unified
- ProDiag - Machine and Plant Diagnostics with WinCC Unified

Advantages

- Training on the new HMI system, WinCC Unified, directly from the manufacturer.
- Can-do is better than know-how. 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.

As a part of this training, you will receive free trial to the digital learning platform SITRAIN access. This gives you access to many web-based training courses 7 days before the start of the course and the test period ends automatically 14 days after the end of the course.

[More information about SITRAIN access](#)

In SITRAIN access you will find web-based trainings on Automation Basic (Curriculum) and WinCC Unified 1 V18 - Basic Course (Curriculum V2) as well as other topics such as various additional trainings on HMI and, TIA Portal, PROFINET, Industrial Communication and Digitalization. As an introduction to the digital learning platform, we recommend the following learning path:

[Automation Basic](#)

[WinCC Unified 1 V18 - Basic Course](#)

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 (TIA-UWCC1)" 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

- Connectivity – OPC UA
- JavaScript entry level
- JavaScript advanced (ScriptDebugging/TraceViewer)
- UserManagementComponent
- Edge
- Audit
- ProDiag

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

sv

Fee

16,500 SEK