

SIMATIC WinCC Unified 1, System Course (TIA-UWCC1)

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 to use WinCC Unified and the new Unified Comfort Panels and get a personal impression of the capabilities of the new devices.

Objectives

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The training is aimed at first-time users of WinCC Unified. All required basics and configuration steps are taught. Only general knowledge of automation technology is advantageous.

Upon completion of the course, you will be able to use Unified Comfort Panels with confidence and create your own HMI projects with WinCC Unified Engineering:

- Introduction to the installation
- Design TIA Portal faceplates and create simple dynamizations
- Efficient configuration through the use of faceplates
- Create screen navigation (screen window technology)
- Configure alarms and messages
- Access S7 controllers
- Awareness of security aspects

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
- Hands-on experience with the new Unified Comfort Panels. Get a personal impression of the capabilities of the devices

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.

[Mer information om SITRAIN access](#)

In SITRAIN access you will find web-based trainings on Automation Basics with PLCs (Curriculum) 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 paths:

[Automation Basics with PLCs](#)

Target Group

You are tasked with creating and/or editing HMI projects. Regardless of whether you are a first-time user or have already had your first contact with HMIs, this course will show you many new things and give you confidence in using WinCC Unified and Unified Comfort Panels.

- Programmers
- Commissioning engineers
- Configuration engineers
- Repair personnel
- Maintenance personnel
- Service personnel
- Operators

Content

Product version: WinCC V19

- System overview
- Installation
- Getting to know the configuration user interface of the engineering system
- Creating and using projects
- Downloading a project to the HMI device
- Creating screens and screen navigation
- Standardization and getting to know and creating faceplates
- Using system functions and scheduled tasks
- Creating the user management
- Configuring data logging and alarm logging incl. logs
- Security aspects

Prerequisites

Basic knowledge of automation technology

Note

Documentation in English.
Register in the calendar one week before the training starts.
Other interesting trainings for you: SIMATIC WinCC Unified 2, Advanced Course (TIA-UWCC2)

Type

Face-to-face training

Duration

3 days

Language

no

Fee

18,400 NOK