

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

Short Description

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

Objectives

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

Combine your course with web-based trainings on our digital learning platform for industry and thus increase your personal learning success in the face-to-face course. On SITRAIN access you will find further topics, for example, TIA Portal, PROFINET or data communication with Industrial Ethernet, digitization, ...

As part of your course booking, you will receive free test access for the digital learning platform:

[Click here for information about SITRAIN access](#)

You have access to over 270 web-based training 7 days before the start of the course. The test period automatically ends 14 days after the end of the course.

As an introduction to the digital learning platform, we recommend the following learning path:

[WinCC Unified Basics Curriculum](#)

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

- 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

The Learning Membership starts 7 days before the start of the course and ends 16 days after the end of the course. During this period, you have access to all of the more than 270 web-based trainings available.

Type

Face-to-face training

Duration

3 days

Language

en

Fee

2,010 GBP