

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

Short Description

In order to provide you with the best possible support and training in your personal learning environment (own office/home office), we have implemented selected courses as digital online trainings for you. We provide you with live theory lectures from our experts, which convey the course content described in the learning objectives in a practical and comprehensive manner, utilizing our virtual exercise environment for practical exercises. In our virtual classroom, our expert is also available to you at any time during your individual practical exercises for in-depth questions and technical discussions.

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

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
- You will deepen your theoretical knowledge through numerous practice-oriented exercises in our virtual exercise environment.

Combine your Learning Event with web-based training on our digital learning platform for industry and thus increase your personal learning success. On SITRAIN access you will find various additional trainings on HMI, as well as on other topics such as TIA Portal, PROFINET or Industrial Communication or Digitalization.

As part of your course booking, you will receive free trial to the digital learning platform SITRAIN access:

[Click here for more information on SITRAIN access](#)

You have access to over 480 web-based training courses 7 days before the start of the course. The test period ends automatically 14 days after the end of the course.

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

[Automation Basic 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
- [Technical requirements](#)

Note

Effective June 1, 2026, this training will be extended from 3 to 4 days. The main reason for this expansion is the integration of the brand-new TIA Portal V21 software, which will enable us to provide you with even deeper insights and practical applications. This content realignment will ensure that you are optimally prepared for the demands of modern automation technology.
Due to this extension, the price for the training will be adjusted accordingly. Please refer to the respective dates for the exact details on the new prices.

Other interesting trainings for you: [Online-Training - SIMATIC WinCC Unified 2. Advanced Course \(TIA-UWCC2\)](#)

Type

Online-Training

Duration

3 days

Language

de