

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

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

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

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

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

As a part of your course booking you will receive free trial access to the digital learning platform: => [Access to SITRAIN access](#)
You have access to over 200 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.

We recommend that you complete the following learning path in preparation for your booked face-to-face course:

[=> Access to the curriculum "Automation Basic"](#)

Type

Face-to-face training

Duration

3 days

Language

de, en, fr, nl

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