

## SIMATIC WinCC Unified 2, Advanced Course (TIA-UWCC2)

### 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.

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

- HMI - Device update
- Creating and loading projects (PC)
- WinCC Unified clients
- DB - Logging for large volumes of data
- Parameter sets (recipes)
- Distributed plant configurations
- Reporting
- Efficient engineering and design

#### 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

### 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 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

### Content

HMI - Device update  
Creating and loading projects (PC)  
WinCC Unified clients  
DB - Logging for large volumes of data  
Parameter sets (recipes)  
Reporting  
Efficient engineering and design  
Collaboration

### Prerequisites

The prerequisite is attendance of the course [SIMATIC WinCC Unified 1, System Course \(TIA-UWCC1\)](#) or equivalent knowledge.

### Type

Face-to-face training

### Duration

2 days

### Language

de, en, fr, nl