SIEMENS

# Online Training - SIMATIC WinCC Unified Transition Course (TIA-UWCCTR)

## Short Description

In order to be able to provide you with the best possible support and training in your personal learning environment (own office/home office), we have implemented selected training courses for you in the form of digital online training. In live theory lectures by our specialist speakers, we will provide you with the full training content described in the learning objectives in a practical way with the help of our virtual learning environment for practical exercises. In our virtual classroom, our specialist speaker is also available to answer in-depth questions and discuss technical questions at any time during your individual practical exercises.
SIMATIC WinCC Unified is the visualization system in the TIA Portal. The system convinces with the use of native web technologies and the high degree of openness through powerful interfaces. This means that it is necessary to switch to a new project planning. To make this step easier, this course will teach you the best way to do it. You know which preparations are useful in the original project, which additions are useful in the target project and which tools support you in the migration process.

## Objectives

The training is aimed at participants with many years of experience in using SIMATIC WinCC in TIA Portal on the Machine Level, who would like to switch to or modernize SIMATIC WinCC Unified.
If you have little or no experience with WinCC in the TIA Portal, we recommend the system course:
SIMATIC WinCC Unified 1 (TIA-UWCC1)

After the course, you will know the necessary steps to modernize an existing WinCC project and know what points you need to pay attention to in the modernization process:
• Background information and range of functions: Basic/Comfort Panels vs. Unified Panels
• Modernization process with TIA Portal Add-in "Data2Unified" and practical approach to the existing project
• Modernization process with manual adjustments directly in the project
• Online tool "WinCC Unified Modernization Checker" – function and use with a PDF printout from the WinCC TIA Portal project of the Comfort Panel
• High-performance and future-proof project planning in SIMATIC WinCC Unified based on the engineering guideline for WinCC Unified with practical exercises (SmartAdvisor)
• Introduction to JavaScript programming for WinCC Unified
• Deepening of JavaScript knowledge (ScriptDebugging/TraceViewer)
Pros:
• Training with the new HMI system WinCC Unified directly from the manufacturer
• Skill is more than knowledge: Through many practical exercises, you can start switching your project to WinCC Unified after the course.

## Target Group

You have many years of experience in dealing with HMI projects in the SIMATIC WinCC TIA Portal on the Machine Level and would like to switch to SIMATIC WinCC Unified or modernize your existing project.
This course will show you the advantages of switching to SIMATIC WinCC Unified and how you can modernize your existing project to WinCC Unified.
• Commissioning installer
• Project Planner
• Maintenance Technician

## Content

Product version: WinCC V21
• Advantages and motivation for switching to SIMATIC WinCC Unified
• Background information and range of functions: Basic/Comfort Panels vs. Unified Panels
• Modernization process with the TIA Portal add-in "Data2Unified"
• Modernization process with manual adjustments
• Online tool "WinCC Unified Modernization Checker" – function and use
• High-performance project planning based on the engineering guideline for WinCC Unified
• Introduction to JavaScript
• Advanced JavaScript (ScriptDebugging/TraceViewer)

In this course, you will learn how to modernize from the SIMATIC Comfort Panel to the SIMATIC Unified Comfort Panel through practical exercises.

## Prerequisites

• Many years of experience in using WinCC in the TIA Portal on the Machine Level
• Technical requirement

## Note

Knowledge of "picture window technology" and WinCC Unified Alarmcontrol is an advantage
Course: WinCC Unified - Creating Images: Image Editor, Image Objects and Terms (V21)

Activity: The Image Editor

Course: WinCC Unified - Creating Images: System Functions, Navigation, Dynamization (V21)

Act: Simple Image Navigation with an Image Window

**Type**

Online-Training

**Duration**

3 days

**Language**

en

**Fee**

0 EUR

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