

SIMATIC WinCC Unified Transition course (TIA-UWCCTR)

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 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 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, so 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 the TIA Portal (Basic, Comfort, Advanced) who would like to switch to or modernize SIMATIC WinCC Unified. The training is aimed at participants with many years of experience in using SIMATIC WinCC in the TIA Portal (Basic, Comfort, Advanced) who would like to switch to or modernize SIMATIC WinCC Unified. 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. 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
- 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 TIA Portal Add-in "Data2Unified" and practical approach to the existing project
- Modernization process with manual adjustments directly in the 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
- 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
- High-performance and future-proof project planning in SIMATIC WinCC Unified based on the engineering guideline for WinCC Unified with practical exercises (SmartAdvisor)
- Advantages: Introduction to programming JavaScript for WinCC Unified
- Advantages: Introduction to programming JavaScript for WinCC Unified
- Training of the new HMI system WinCC Unified directly from the manufacturer
- Deepening of JavaScript knowledge (ScriptDebugging /TraceViewer)
- Skill is more than knowledge: Through many practical exercises, you can safely master the transition of your WinCC Unified project after the course.
- Advantages:
- Training of the new HMI system WinCC Unified directly from the manufacturer
- Skill is more than knowledge: Through many practical exercises, you can safely master the transition of your WinCC Unified project after the course.

Target Group

You have many years of experience in dealing with HMI projects in the SIMATIC WinCC TIA Portal Basic, Advanced, Comfort (in the machine-level) and would like to switch to SIMATIC WinCC Unified or modernize your existing project. You have many years of experience in dealing with HMI projects in the SIMATIC WinCC TIA Portal Basic, Advanced, Comfort (in the machine-related area) 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. 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
- Commissioning installer
- Project Planner
- Project Planner
- Maintenance Technician
- Maintenance Technician
- Maintenance personnel
- Maintenance personnel
- Service personnel
- Service personnel

Content

Product version: WinCC V21 Product version: WinCC V20

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

- JavaScript entry level
- JavaScript advanced (ScriptDebugging/TraceViewer)

Prerequisites

- Many years of experience in using WinCC in the TIA Portal Basic, Advanced, Comfort (in the machine-level)
- [Technical requirements](#)

Note

Knowledge of "picture window technology" and WinCC Unified Alarmcontrol is an advantage
Course: [WinCC Unified - Creating screens: Screen Editor, Image Objects and Terms \(V21\)](#)

Activity: The Screen Editor

Course: [WinCC Unified - Creating screens: System Functions, Navigation, Dynamization \(V21\)](#)

Activity: Simple screen navigation with a screen window

Type

Online-Training

Duration

3 days

Language

en

Fee

0 EUR