

HMI con SIMATIC WinCC Unified (TIA-UWCCM)

Short Description

SIMATIC WinCC Unified is the new visualization system in the TIA Portal. The system convinces through the use of native web technologies, which are introduced to you in this course. You will also learn the high degree of openness through high-performance interfaces. Learn how to use WinCC Unified and the new Unified Comfort Panels and get a personal impression of the performance of new devices. The training is aimed at first-time users of WinCC Unified and Unified Comfort Panels. The elementary basics and configuration steps are taught. Only general knowledge of automation technology is advantageous.

Objectives

After attending the course, you can:

- Design TIA Portal faceplates and create simple dynamizations
- Efficient configuration through the use of faceplates (screen window technology)
- Create screen navigation (screen window technology)
- Configure alarms and messages
- Access S7 controllers

Target Group

Programmers
Commissioning engineers
Service personnel
Operators
Maintenance personnel

Content

- System overview
- Getting to know the configuration user interface of the engineering system
- Creating and editing projects
- Downloading the project to the HMI device
- Creating screens and screen navigation
- Using system functions and schedulers
- Getting to know and creating faceplates
- Creating the user administration
- Configuring data logging and alarm logging including logs
- Using recipes

The theoretical knowledge will be deepened with numerous practical exercises on a TIA system model. This consists of a SIMATIC WinCC Unified operator control connected to a SIMATIC S7-1500 automation system and a conveyor model.

Prerequisites

Basic knowledge of automation systems.
Knowledge of automation system SIMATIC S7-1500 is recommended.

Note

This course is also available in Virtual Classroom mode: E-UWCCM.
The follow-up course TIA-UWCCPC is available for further information on the use of SIMATIC WinCC Unified as SCADA.

Type

Face-to-face training

Duration

3 days

Language

it