

## SIMATIC WinCC Unified 1, Systems (SCT-TIA-UWCC1)

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### Global Reference

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SIMATIC WinCC Unified 1, System Course (TIA-UWCC1)

### Type

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Face-to-Face Learning

### Duration and Continuing Education Units (CEU)

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19.5 Hours over 3 Days  
2 CEUs

### Target Group

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- Maintenance
- Programmer
- Operator
- Engineer
- Commissioning

### Short Description

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This course is relevant for personnel who are tasked with creating and/or editing HMI projects. This includes Programmers, Operators, Commissioning Engineers, Configuration Engineers, Maintenance Personnel, Repair Personnel, and Service Personnel.

SIMATIC WinCC Unified is the new visualization system in the TIA Portal. The system is convincing due to 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.

### Objectives

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- Introduction to the installation
- Design TIA Portal face plates and create simple dynamizations
- Efficient configuration through the use of face plates
- Create screen navigation (screen window technology)
- Configure alarms and messages
- Access S7 controllers
- Awareness of security aspects

### Content

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- 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 face plates
- Using system functions and scheduled tasks
- Creating the user management
- Configuring data logging and alarm logging
- Security aspects

## Language

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English

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