SIEMENS

SIMATIC WinCC Unified 3, Advanced course (TIA-UWCC3)

Breve descrizione

SIMATIC WinCC Unified as a visualization system in the TIA Portal. The system convinces with the use of native web technologies, which you will learn about in this course. You will also learn the high degree of openness through powerful interfaces. Learn how to use WinCC Unified and the new PC Runtime and get a personal impression of the performance of the new system.

Obiettivi

The training is aimed at participants who want to know more about WinCC Unified in the SCADA environment. Building on the system course (TIA-UWCC1), the following topics are taught using the WinCC Unified PC Runtime.
Get to know other interesting options and configuration options of WinCC Unified:
• Apply connectivity with OPC UA
• Introduction to JavaScript programming for WinCC Unified
• Deepening of JavaScript knowledge (ScriptDebugging/TraceViewer)
• User Management Component - Possibilities and Use Cases
• Edge - Getting started and using apps
• Audit - Possible applications and uses with WinCC Unified
• ProDiag - Machine and system diagnostics with WinCC Unified
Pros
• Training of the new HMI system WinCC Unified directly from the manufacturer
• Skill is more than knowledge. Through many practical exercises, you will be able to master WinCC Unified safely after the course
• The new HTML5-based WinCC Unified to get to know. Get a personal impression of the performance.

Combine your learning event (face-to-face / online course) with web-based training on our digital learning platform for industry and thus increase your personal learning success. On SITRAIN access you will find various supplementary topics on HMI, as well as other topics on TIA Portal, PROFINET or data communication with Industrial Ethernet, digitization and much more.

As part of your course booking, you will receive free trial access to the digital learning platform:
Click here for more information about SITRAIN access

You have access to all web-based trainings 7 days before the start of the course. The trial period ends automatically 14 days after the end of the course.

As an introduction to the digital learning platform, we recommend the following learning path:
Automation Basic Curriculum
WinCC Unified Basics (TIA-UWCC1) Curriculum

Gruppo target

You are tasked with creating or editing HMI projects for the WinCC Unified PC Runtime.
This course deepens the knowledge learned in the system course, shows you a lot of new things and gives you confidence in dealing with WinCC Unified and WinCC Unified PC Runtime.
• Programmer
• Commissioning installer
• Project Planner
• Maintenance Technician
• Maintenance personnel
• Service staff
• Operator

Contenuti del corso

Product version: WinCC V21
• Apply connectivity with OPC UA
• ProDiag – Machine and system diagnostics with WinCC Unified
• UserManagementComponent – Possibilities and Use Cases
• Introduction to programming JavaScript for WinCC Unified
• Advanced JavaScript knowledge (ScriptDebugging/TraceViewer)
• Audit – Implementation and use with WinCC Unified
• Edge – Getting started and using apps

Prerequisiti partecipante

The prerequisite is the course SIMATIC WinCC Unified 1 (TIA-UWCC1) or comparable knowledge.

Tipologia

Corso in aula

Durata

2 giorni

Lingua

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