SIEMENS

Learning Journey - SIMATIC WinCC Unified 1 (TIA-UWCC1-LJ)

Descrição resumida

After this learning journey, you can properly use the WinCC Unified System with Unified Comfort Panels and Unified PC Runtime and create your own HMI projects with WinCC Unified Engineering.

An optimal mix of guided live modules (online) and self-learning modules will provide you with all of the content imperative for your work and sustainable learning success. Various practical tasks in our virtual exercise environment throughout the Learning Journey help you to prepare for practical application. The Learning Journey provides curated on-demand content to support you in your own personal practice transfer.

More information on learning journeys

Objetivos

After the Learning Journey:
- ... do you know the WinCC Unified Systems and how they are arranged with the other visualization systems
- ... you know how WinCC Unified is structured and you know the necessary licenses and know what to consider during installation.
- ... you can properly use WinCC Engineering in the TIA Portal and deal with projects.
- ... you can configure your operator panel, create the PLC connection and create operating screens.
- ... you can create a navigation for your operating screens and transfer the configuration to your operator panel.
- ... you can configure faceplates and use them in your project.
- ... you can create complex screen navigations, e.B. a "burger" menu.

Grupo alvo

You have the task of creating or editing HMI projects. No matter whether you are a beginner or have already had your first contact with the topic of HMI, this learning journey shows you a lot of new things and gives you security in dealing with the WinCC Unified System.
- Developer
- Engineering personnel

Conteúdo

The learning journey "SIMATIC WinCC Unified 1, System Course" (Level: Basic) consists of:
• Live modules and self-learning modules (see sample timetable at the bottom of the page)
• 6 live modules (approx. 17 hours in total)
• 15 self-learning modules (approx. 13 hours in total)
• On-demand themed contend
A learning membership on SITRAIN access for developing the self-learning modules and for accessing on-demand content is included for 1 year.
Product version V19
topics
- System overview
- Installation (required software, licenses, requirements)
- Get to know the configuration interface of the engineering system
- Create and use projects
- Configure communication
- Simulation options (operator panel and PLC)
- Load the project into the operator panel
- Create screens and screen navigation
- Dynamize screens
- Use system functions
- Get to know and create faceplates

Pré-requisitos

- Basic knowledge of automation
- Technical requirements

Observações

Participation in the Learning Journey is personal and non-transferable.

This learning journey roughly corresponds to the content and goals of the Learning Event: SIMATIC WinCC Unified 1 (TIA-UWCC1)

Tipo

Jornada de aprendizado

Duração

30 horas

Idioma

en

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