SIEMENS

Learning Journey – SIMATIC WinCC Unified 3 (TIA-UWCC3-LJ)

Краткое описание

After this learning journey, you can configure and apply the options (OPC, ProDiag, Audit, UMC and Edge) as well as scripting in the WinCC Unified environment.

Through an optimal mix of guided live modules (online) and self-paced self-study modules, you will learn the content that is important for your work with sustainable learning success. (see sample timetable at the bottom of the page)
With the help of numerous practical tasks in our virtual practice environment, you will prepare yourself ideally for practice during the learning journey. In addition, you will be supported by topic-related on-demand content in your own personal practice transfer.

Learn more about Learning Journeys

Also available as online training

Also available as face-to-face training

Цели

his learning journey is aimed at participants who want to know more about WinCC Unified. Building on the system course (TIA-UWCC1), the following topics are taught by means of many exercises with the WinCC Unified PC Runtime.
After the Learning Journey:
- … you can configure WinCC Unified as an OPC UA client.
- … you can apply the basic knowledge of programming JavaScript for WinCC Unified.
- … you can troubleshoot JavaScript with ScriptDebugging and TraceViewer.
- … Know the possibilities and use cases of the User Management Component
- … you can use the basic knowledge for Industrial Edge.
- … , you can evaluate and use the possible applications of Audit in WinCC Unified.
- … you can implement machine and system diagnostics with ProDiag in WinCC Unified.

Целевая группа

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.
- Programmers
- Commissioning engineers
- Configuring engineers
- Maintenance personnel
- Repair personnel
- Service personnel
- Operators

Содержание

The Learning Journey "SIMATIC WinCC Unified 3, Advanced Course" (Level: Advanced) consists of:
- Live modules and self-study modules (see sample timetable at the bottom of the page)
- 3 live modules (9.5 hours total)
- 7 self-study modules (approx. 6 hours in total)
- On-demand topic-related content

A Learning Membership on SITRAIN access to work on the self-learning modules and access to on-demand content is included for 1 year. There is also the possibility of a freely bookable coaching session with the learning guide.
Product version V19
topics
- 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 in WinCC Unified
- ProDiag – Machine and Plant Diagnostics with WinCC Unified

Требования к участнику

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

Примечания

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

Тип

Learning Journey

Продолжительность

15,5 часы

Язык

en

copyright by Siemens AG 2026