

Online Training - SIMATIC WinCC SCADA V7 (Basic Course) (AS-OL-WINC)

Objectives

To make participants aware and familiar with:

- WINCC V7.x as a visualization framework
- Understanding different elements of visual engineering
- Learning of different logging techniques.

Target Group

- Service engineers
- Programmers
- Commissioning engineers
- Maintenance engineers
- Users

Content

Hardware

- System overview of WinCC V7.x
- Configuring connections to the SIMATIC S7-1500 PLC

WinCC V7.x

- Scope of WinCC V7.x
- License management for WinCC V7.x
- Overview of the software

Software and Programming concepts

- Tag Management
- Program creation
- Testing functions with variable simulation
- Graphic designer
- Alarm Logging
- Tag Logging
- Creation of Faceplates
- Introduction of User Administration
- Introduction of Configuration Studio
- Report Designer for Logging
- Introduction to Global Scripts
- SIMATIC security services for machine and plant security*

Communication

- Communication with SIMATIC S7-1500 on simulator with WinCC V7.x.

Troubleshooting and diagnostic topics

- Getting to know about connection healthiness between SCADA & Automation system
- Project Backup
- Communication diagnostics
- Cross-references
- *Introduction to cloud connectivity using S7-1500 – explanation* **New***
- *Web UX in WinCC V7.x – Explanation & Demonstration* **New***
- *SIMATIC Notifier - Explanation & Demonstration* **New***

Hands on

- Task based exercises after each topic

Prerequisites

Basic Know how about SIMATIC Manager & Programming instruction are mandatory

Note

Software Version: SIMATIC WinCC V7.x

Technical Requirement

- A computer or laptop with Windows 7/10 OS and a stable internet connection. (We recommend a data transfer rate of 16 Mbit/s.)
 - Microsoft Teams platform for technical presentations and demo.
- (We recommend using desktop app for best possible use of all functions).

- Goggle Chrome internet browser for assessing virtual lab solution for hands-on

Type

Online-Training

Duration

5 days

Language

en