

TIA WINCC SCADA training in english (TIA_WINCCS)

Short Description

WinCC V7.x is the proven and powerful SCADA system in the automation environment. Want to modernize or perform maintenance on your SCADA system or create a completely new SCADA system? Attend this training course, which is designed to help you learn the basic functions.

Content

- System overview of SIMATIC WinCC: for example, overview of the various WinCC licenses, possible system configurations
- WinCC projects: Creating projects, types of projects, data structure
- Communication with controllers: Overview of possible controllers, configuration of a connection to the SIMATIC S7, configuration limits for communication, diagnostic options
- Creating tags and groups, working effectively with the Configuration Studio, internal and external tags, system info channel, simulation of tag values
- Cross Reference Editor
- Benefits and opportunities of TIA
- Working effectively with the Graphics Designer
- Dynamization of objects in screens using tag connection, configuration dialog, dynamic wizard, animation , dynamic dialog, direct connection, C scripts and VB scripts
- Diagnostic and performance guidelines for C scripts and VB scripts
- Global Script Editor for user-created functions and screen-independent actions
- User administration: WinCC users and groups, authorization levels
- Faceplate technology via screen window with tag prefix and via faceplate types
- Tag logging: Archives and archive tags, archive configuration, types of archiving, OnlineTrendControl
- Alarm logging: Alarm procedures, alarm classes and types, archive configuration, alarm control, system alarms, status tags
- Data archiving with the User Archives option (introduce)
- Communication with S7-1500 (with PLCSIM Advanced)
- Report Designer for reporting (introduce)
- Deeper understanding of contents through practical exercises on SIMATIC S7-300 system model

Type

Face-to-face training

Duration

4 days

Language

en

Fee

1,520 EUR