

SiVarc: Automatic Visualization Generation (TIA-SIVARC)

Présentation

How do you achieve plant-wide standardization of the visualization of user interfaces with a significant reduction in engineering effort? With SiVArc – by automatically generating and creating visualizations based on the program code of the controller and visualization objects within the framework of overarching library concepts.

Objectifs

You will configure a visualization generation step by step. As a basis for creating the visualization generation, a standardized PLC project and WinCC Unified is used. You will deepen your theoretical knowledge through simple practical exercises on a SIMATIC system model. At the end of the training, you will be able to independently configure a complete visualization generation.

Groupes cibles

- Programmers
- Configuration engineers
- Commissioning engineers

Programme / Contenu

- Demands on the PLC project in terms of standardization and structuring
- Planning an automatic visualization
- Automatic screen generation
 - Layoutting
 - Navigation
 - Extended positioning
 - Overflow screens
 - Creation of pop-ups
- Dynamic generation of properties, events and animations for the visualization
- SiVArc expressions
- Troubleshooting and analysis of the generated visualization
- Demonstration of Openness Workflows

Prérequis

Knowledge of SIMATIC STEP 7 and WinCC Unified in accordance with [TIA-PRO2](#), [TIA-UWCC1](#), [TIA-UWCC2](#)

Remarque

In this course, you will work with the SIMATIC STEP 7 and WinCC Unified software based on TIA Portal.

Type

Formation en salle

Durée

1 Jour

Langue

en