SIEMENS

SITRAIN: SiVArc - Options of Automatic Visualization Generation (Face-to-face Training) (TIA-SIVARC)

Short Description

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.

Objectives

You will configure a visualization generation step by step. As a basis for creating the visualization generation, a standardized PLC project 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.

Target Group

- Programmers
- Configuration engineers
- Commissioning engineers

Content

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

Prerequisites

Knowledge of SIMATIC STEP 7 and WinCC Unified in accordance with TIA-PRO2, TIA-UWCC1, TIA-UWCC2

Note

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

Type

Face-to-face training

Duration

1.5 days

Language

de

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