

## Online-Training SiVArc - Möglichkeiten der automatischen Visualisierungsgenerierung (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 in our virtual exercise environment Virtual Lab. 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

Online-Training

### Duration

1.5 days

### Language

de