

## SiVArc - Options of Automatic Visualization Generation (TIA-SIVARC)

---

### Objectives

---

Your path to standardizing the visualization of user interfaces throughout the plant while reducing engineering overhead. You accomplish this with automatic generation and creation of the visualization, based on the program code of the controller and corresponding visualization objects as part of the comprehensive library concepts.

You will learn the basics and discover more about the various options and concepts offered by SiVArc throughout the course. You will learn how to configure a visualization generation step-by-step. We will work with a standardized PLC project as the basis for creating the visualization generation.

In the training, you will reinforce your theoretical knowledge through practical exercises. At the end of the training, you will be able to configure a complete visualization generation on your own.

### 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

Troubleshooting and analysis of the generated visualization

### Prerequisites

---

Basic knowledge in SIMATIC TIA Portal STEP 7 corresponding to TIA-PRO2 and TIA Portal WinCC Advanced corresponding to TIA-WCCM

[TIA-PRO2](#)

[TIA-WCCM](#)

### Note

---

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

### Type

---

Face-to-face training

### Duration

---

1 day

### Language

---

en