

## Automatic Generation of HMI Screens(TIA-SIVARC) (TIA-SIVARC)

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### Short Description

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Automatic generation of HMI screens

### Objectives

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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

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Programmers  
Configuration engineers  
Commissioning engineers

### Content

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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

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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

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

### Type

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Face-to-face training

### Duration

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2 days

### Language

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en

### Fee

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8,317 ZAR