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

Short Description

Automatic generation of HMI screens

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

2 days

Language

en

Fee

9,522 ZAR