SIEMENS

Online training: SIMIT for Process Automation (ST-PCS7SIM)

Short Description

This course provides you a summary of the functions and libraries of the simulation software SIMIT. By practical exercises you will learn about the design of simulations / simulation models for testing the PCS 7 automation software. The perfect interplay of all components integrated in SIMIT enables you to produce more in the highest quality in a durable way and to establish new products on the market considerably faster.

Objectives

On completion of the course, you are able to:
- create own components and templates
- to use the available features for efficient engineering in SIMIT
- to establish couplings between the simulation in SIMIT and automation systems in PCS7, which are emulated by PLCSIM or the Virtual Controller.

Target Group

Decision makers, sales personnel
Project manager, project staff
Configuring engineers, programmers

Content

Interfaces to controllers or other applications
Introduction of the 3 simulation levels and their function
Creation of templates and efficient engineering by import functions
Working with libraries provided by SIMIT
Creation of own components using the Component Type Editor
Insight into the message system and the Automation Control Interface of SIMIT
Creation of small simulation projects
Configuration of a distributed simulation using the Virtual Controller

Prerequisites

Attendance of training course ST-PCS7SYS recommended
Basic knowledge of process control engineering
Practical experience in SIMATIC PCS 7 project engineering.
Basic knowledge of APL, as provided in the System course or in the APL-Workshop

Note

Trainer: English
Course documentation: English

Type

Online-Training

Duration

3 days

Language

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