

SIMIT in Process Automation (ST-PCS7SIM)

Beskrivning/mål

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 durably and to establish new products on the market considerably faster.

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 PCS 7, which are emulated by PLCSIM or the Virtual Controller.

Målgrupp

Decision makers
Sales personnel
Project manager
Project staff
Configuring engineers
Programmer

Innehåll

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

Förkunskaper

Attendance of the training course "[Simatic PCS 7 system grund standard](#)" (ST-PCS7SYS)

or "[Simatic PCS 7 system grund intensiv](#)" (ST-PCS7SY1) is 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

Typ

Utbildning

Antal dagar

3 dagar

Språk

en