SIEMENS

SIMIT in Process Automation / SIMATIC PCS7 SIMIT仿真入门 (A1507)

Objectives

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 enhance productivity in the highest quality permanently 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.

Target Group

Decision makers, sales personnel, Project manager, project staff, configuring engineers, programmer

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 A1501 recommended, Basic knowledge of process control engineering, Practical experience in SIMATIC PCS 7 project engineering

Type

Face-to-face training

Duration

3 days

Language

zh