SIEMENS

PROFINET System Course (STEP 7 V5.x) (IK-PNSYS)

Objectives

Learn about the future-oriented PROFINET as the open Industrial Ethernet standard for automation from Siemens as a member of PROFIBUS International (PI).
Using SIMATIC NET components, you will learn how to parameterize, start up and troubleshoot a PROFINET network quickly and effectively.
Numerous practical exercises reinforce the theoretical knowledge acquired.

Target Group

Programmers
Commissioning engineers
Engineering personnel
Maintenance personnel
Service personnel

Content

Basics of PROFINET IO with configuring and programming
Basics of PROFINET RT&IRT and media redundancy
Plant-wide engineering & diagnostics with the engineering tools
Introduction to the integrated Web-services in the PROFINET devices
Utilizing and configuring Shared Devices and I-Device
Extensive practical examples with exercises

Prerequisites

SIMATIC S7 knowledge according to ST-PRO2 or ST-SERV2
Additionally an online entrance test is available for you. So you may assure that the course of your choice fits to your competences.

Entrance Tests

Note

If you require more in-depth knowledge of the message frame structure and message frame diagnostics with PROFINET Analyzer /Oscilloscope, we recommend that you attend the IK-PNOCPNE course.
In these course you will work with the SIMATIC STEP 7 V5.x software.

Type

Face-to-face training

Duration

3 days

Language

en

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