SIEMENS

PROFINET/Industrial Ethernet System Course / PROFINET/工业以太网系统课程 (A7225)

Objectives

Learn about the future-oriented PROFINET as the open Industrial Ethernet standard for automation .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

operators, service engineers, programming and commissioning engineers

Content

- Fundamentals of PROFINET IO with configuring and programming, as well as fundamentals of PROFINET RT&IRT
- Integration of conventional DP systems via PROFINET devices with proxy functionality
- Installation guidelines for PROFINET IO network
- Configuration of SCALANCE X Switcher
- Cross-vendor, plant-wide engineering & diagnostics with the engineering tool
- S7 communication via PROFINET
- Open communication via CP
- Open communication via CPU PN interface
- Extensive practical examples with exercises

Prerequisites

Completion of course A7111

Type

Face-to-face training

Duration

5 days

Language

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