

PROFINET with SIMATIC Controllers (TIA Portal) (IC-PNCOM)

Краткое описание

PROFINET gives you new ways to boost your productivity with four key advantages — openness, flexibility, efficiency, and performance. This course teaches you the versatile possibilities of PROFINET — the leading Industrial Ethernet standard for automation — for networking your plant and enables you to realize efficient real-time communication with SIMATIC Controllers.

Цели

In this course you will learn to use the real-time-capable standard PROFINET in your automation solution. You will learn how to parameterize, commission, diagnose and troubleshoot a PROFINET network quickly and effectively. Numerous practical exercises with SIMATIC and SCALANCE products and TIA Portal reinforce the acquired theoretical knowledge.

Целевая группа

- Engineering personnel
- Programmers
- Commissioning engineers

Содержание

- Basics of PROFINET
- Configuring PROFINET IO
- Configuring topologies
- Device and network diagnostics
- Ring redundancy (MRP)
- Shared device
- I device
- Isochronous realtime communication (IRT)
- Gateways and communication via PN/PN couplers

Included in the course price: Free access to the digital learning platform [SITRAIN access](#) — starting one week before the start of the course until two weeks after the end of the course. Here you will find web-based trainings on [Industrial Communication](#) as well as other topics such as [Digital Enterprise](#), [Industrial Automation Systems SIMATIC](#) and many more. With the Learning Membership, you can deepen or repeat the content of this learning event as well as continue your education on other interesting topics.

Требования к участнику

SIMATIC S7 knowledge according to the course [TIA-PRO1](#), [TIA-SERV2](#) or [TIA-SYSUP](#).

Тип

Очный тренинг

Продолжительность

3 Дн.

Язык

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