

## PROFINET med Industrial Ethernet i TIA Portal (IK-TIAPN)

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### Objectives

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Siemens, a member of PROFIBUS International (PI), offers you the opportunity to learn about the future-oriented PROFINET, the open Industrial Ethernet standard for automation.

Using SIMATIC NET components, you will learn how to parameterize, commission and troubleshoot a PROFINET network quickly and effectively.

Numerous practical exercises reinforce the acquired theoretical knowledge.

### Target Group

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Programmers  
Commissioning engineers  
Engineering personnel  
Maintenance personnel  
Service personnel  
Operators

### Content

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Basics of Industrial Ethernet  
Basics of PROFINET IO, RT&IRT  
PROFINET IO with configuring and programming  
Commissioning the media redundancy  
Introduction to the integrated Web-services in the PROFINET devices  
Utilizing and configuring Shared Device  
Parameterizing and applications of I-Device  
Links (PN/PN coupler)  
Data communication between two controllers with S7 connections  
Data communication PC/Controller with an OPC-S7 connection  
Extensive practical examples with exercises

### Prerequisites

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SIMATIC S7 knowledge according to TIA-PRO1, TIA-SERV2 or TIA-SYSUP

### Note

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Documentation in English.

Register in the calendar one week before the training starts.

### Type

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Face-to-face training

### Duration

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4 days

### Language

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no