SIEMENS

SITRAIN: Ethernet Fundamentals in Industrial Networks (Online Training) (IC-ETHFUN)

Short Description

This training was conducted until March 10, 2026 under the course number IK-ETHBAS.. The Online-Training Industrial Ethernet Fundamentals provides a broad overview in network technology and mechanisms which are the foundation of today's digital communication. Ever heard of the OSI reference model? This course will give you the insight and takes you on a tour through all seven layers.

Objectives

Upon completion the participants will gain a foundation knowledge of networking and its applications in industrial environments and will be prepared for the certification trainings of the Siemens Industrial Networks Education program.

Target Group

- Decision makers
- Planners
- Sales personnel
- Configuring engineers
- Commissioning engineers
- Engineering personnel
- Project engieers
- Maintenance personnel
- Service personnel
- Industry: COOs
- IT: CIOs, network planer and administrators

Content

- Introduction to Industrial Ethernet
- Layer 1 – Physical Layer
- Layer 2 – Data Link Layer
- Layer 3 – Network Layer
- Layer 4–7

Note

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.
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.

This training is recommended before attending the Siemens Industrial Networks Certification trainings.
Functional Microphones (Headset) and Webcam

Type

Online-Training

Duration

2 days

Language

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