

Online training Ethernet Fundamentals in Industrial Networks (IK-ETHBAS)

Short Description

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 engineers
Maintenance personnel
Service personnel
Industry: COOs
IT: CIOs, network planners and administrators

Content

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

Prerequisites

Functional Microphones (Headset) and Webcam

Note

This training is recommended before attending the [Siemens Networks Certification trainings](#).
For further information, refer to
<https://www.sitrain-learning.siemens.com/SE/sv/content/Certifieringsprogram-inom-Industrial-Networks.do>

Type

Online-Training

Duration

2 days

Language

en