SIEMENS

Online-Training - Optimale Datennutzung in der Fertigung mit Industrial Edge (TIA-EDGEON)

Short Description

Use the data from your machines and systems to optimize production processes, reduce costs and increase uptime. Manage connected devices and software centrally, across machines, lines and locations to efficiently roll out and update apps. In this course, you will learn about Siemens' Industrial Edge ecosystem and how to use the advantages for your production.

Objectives

You will learn how the Industrial Edge platform works and the benefits it offers for aggregating, managing, and processing data centrally. You will be able to onboard industrial edge devices, aggregate data from the field, and transfer it to the cloud for further processing. In addition, you will become familiar with important industrial edge apps and can use them effectively in your projects.

Target Group

- Automation engineers
- Project planners
- Commissioning engineers

Content

- Introduction to the Industrial Edge ecosystem
- Onboarding of Industrial Edge Devices
- Management of industrial edge devices, apps and users in the Industrial Edge Management System
- Essential Industrial Edge apps (including Databus, Industrial Information Hub, Flow Creator, Performance Insight)
- Data aggregation from the field (Southbound Connectivity)
- Data management and storage
- Data transfer to a cloud (Northbound Connectivity)
- Provisioning of your own app in the Industrial Edge Management System

Prerequisites

- Basic knowledge in SIMATIC TIA Portal STEP 7 corresponding to the courses TIA-PRO2 or TIA-SYSUP
- Basic IT knowledge
- Technical requirements

Type

Online-Training

Duration

3 days

Language

de