SIEMENS

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

Short Description

In order to provide you with the best possible support and training in your personal learning environment (own office/home office), we have implemented selected courses as digital online trainings for you. We provide you with live theory lectures from our experts, which convey the course content described in the learning objectives in a practical and comprehensive manner, utilizing our virtual exercise environment for practical exercises. In our virtual classroom, our expert is also available to you at any time during your individual practical exercises for in-depth questions and technical discussions. Use and analyze the data from your machines and systems. Also ensure that the corresponding software, operating system and cybersecurity are always up-to-date and secure. With Industrial Edge, everything is easier, more flexible, and more secure: Acquire and process data directly and securely at the machine with no latency using your software and a central system for administration, deployment, and updates.

Objectives

You will learn how to use the advantages of Industrial Edge optimally for your application:
- Flexible and secure mass data processing directly in production.
- Shorter innovation cycles and greater flexibility thanks to central software and operating system updates.
- Reduce the time to market through efficiency-increasing platform functionalities
- Future-proof and low barriers to entry due to the open ecosystem

Target Group

- Commissioning engineer
- Project planner

Content

- Introduction to the Industrial Edge ecosystem
- Working on Industrial Edge Application Scenarios Performance Analytics and Shopfloor to Cloud Connectivity
- Commissioning and onboarding of an industrial edge device in the management system
- Ordering and implementing Siemens Apps
- Performing firmware updates
- Implementing connectivity to the SPS and cloud using platform functionality
- Configuration of different Edge Apps
- Installation of an individual Industrial Edge application
- Provision of an own Edge App in the Industrial Edge Management System

The following Industrial Edge Apps are among those used in the course: Databus, Flow Creator, OPC UA Connector, Cloud Connector, Data Service, Performance Insight

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