

## Utilizzo ottimale dei dati di produzione con 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

By attending this course, 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 concept and application of the Industrial Edge Device and the Industrial Edge Management System
- Commissioning and onboarding of an Industrial Edge device in the management system in the existing network topology
- Siemens Apps order and implementation
- Performing firmware updates
- Implementation of connectivity to SPS and the cloud using the capabilities of the platform
- Configure different Edge apps
- Implementation of different use cases with the Industrial Edge apps available
- Installation of a single Industrial Edge application
- Provision of its own Edge app in the Industrial Edge Management System
- Use of the main Industrial Edge apps: FlowCreator, SIMATIC S7 Connector, Cloud Connector, Data Service, Performance Insight, ...

The theoretical knowledge will be deepened with numerous practical exercises on a TIA system model. This consists of a SIMATIC Industrial Edge device connected to a SIMATIC S7-1500 automation system.

### Prerequisites

S71500P1 course or equivalent basic knowledge of automation systems.  
Basic IT knowledge is recommended.

### Type

Face-to-face training

### Duration

2 days

### Language

it