

## Online-Training - Optimal Data Usage in Manufacturing with Industrial Edge (TIA-EDGEON)

### Short Description

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

en