

# Festo Training and Consulting

## From industry – for industry

**FESTO**



TCM221

### **Introduction to Industry 4.0 with MPS® 203 I4.0 or MPS®TS Compact Trainer I4.0**

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While it is a trending topic, Industry 4.0 is not widely understood, because there are different notions of what it actually means. It is difficult to understand the differences between the third (I3.0) and the fourth (I4.0) industrial revolution without any practical examples. Additionally, companies require a basic understanding of the core elements and technologies of Industry 4.0, and how the connection of these elements leads to Industry 4.0 solutions, before they can begin implementation. But once understood, Industry 4.0 offers many opportunities for companies to improve their productivity, quality, and processes.

This introductory training, along with a hands-on approach, provides valuable insights into Industry 4.0 elements. Hands-on exercises are performed using one of our two state-of-the-art learning systems for Industry 4.0 – MPS® 203 I4.0 or MPS®TS Compact Trainer I4.0.

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or MPS®TS Compact Trainer I4.0**

**Training content**

- Introduction to Industry 4.0 and overview of the core elements
- Changes in production resulting from the introduction of I4.0
- Vertical and horizontal integration
- Decentralized self-controlling production
- Customer specific production/products
- Product identification by RFID, networking of installations, MES, traceability, worker assistance with Augmented Reality
- Competencies needed in context with Industry 4.0

**Training outcomes**

After completing this training course, the participants:

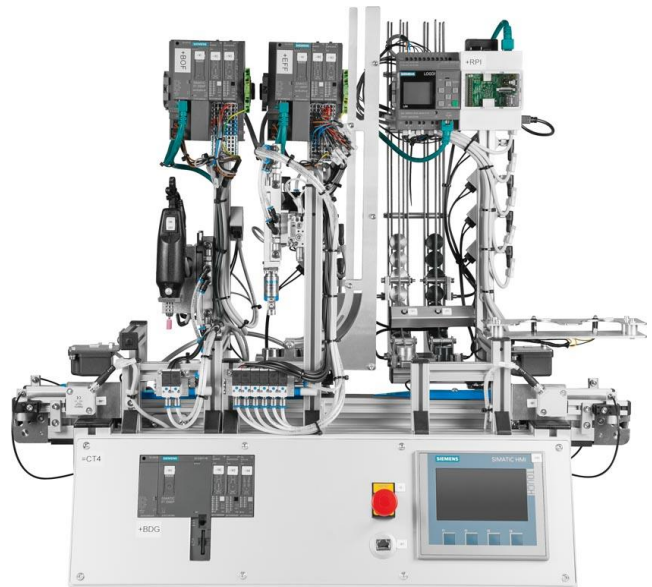
- Is familiar with the core elements and basic technologies of Industry 4.0
- Understand how the connections between these core elements and technologies lead to a holistic approach to improving their processes and products
- Develop understanding for the real production environment by performing practical tasks in the training on the MPS learning system

**Target group**

(Top) Management, Strategy & Innovation, Research & Development, Production Planner

**Duration**

1 day



MPS@TS Compact Trainer I4.0

All Festo Didactic training courses offer the following additional benefits:

- Post-tests can additionally be used to monitor the training effectiveness
- Our trainings can be customized and carried out worldwide (on demand)
- Trainings take place with real industrial components, used in a safe environment
- Our trainers are certified according to our internal trainer qualification „Festo Certified Training Professional” and have many years of industrial experience

**Check out our other introductory trainings regarding Industry 4.0:**

- TCM261 – Introduction to Industry 4.0: Core elements and business opportunities (for management)
- DT211 – Basics of Industry 4.0 at the CP Factory/CP Lab
- AUT961 - Players 4.0 - Understanding the characteristics and benefits of Industry 4.0