

Festo Training and Consulting

From industry – for industry

FESTO



TCM271

Lean Management and Industry 4.0 – Two complementary approaches

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Lean and Industry 4.0 are two philosophies with similar targets: Low-waste and lean processes, flexibility, and customer-centricity. Higher amounts of customer-specific products and decreasing lot sizes means that the Lean philosophy is reaching its limits, as batch size 1 requires even more flexibility. Industry 4.0 offers an opportunity to support and expand the existing Lean methods. Digitalization raises new kinds of waste (especially in the area of data), also increasing the importance of new forms of value stream analysis. By adapting a typical value stream analysis, it is possible to identify and learn to avoid these new kinds of waste.

This training explores the complementary relationship between lean management and Industry 4.0, enabling companies to design their value streams for Industry 4.0.

TCM271

Lean Management and Industry 4.0 –

Two complementary approaches

Training content

- Connection Lean Management and Industry 4.0
- How to use Industry 4.0 elements to avoid typical kinds of waste
- 8 new kinds of waste in the area of data
- Adaption of a typical value stream analysis with digital components

Training outcomes

After completing this training course, the participants:

- understand the connection of Lean Management and Industry 4.0
- know how Industry 4.0 can support the Lean approach with regards to the challenges of small lot sizes and customer individual products
- are able to do a value stream analysis as well as value stream design for Industry 4.0

Target group

Process Optimization, Engineering/Design

Duration

1 day



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