



## Nürnberg (visitable at short notice)

# PRESENTATION OF THE INDUSTRY 4.0 COMPONENT CONCEPT IN AN EXISTING ENVIRONMENT

Application for the manufacturing industry

## SUMMARY

Presentation of the administration shell of Industry 4.0 components as a basis for discussion and for validating it in an existing environment.

## PARTNERS

## CURRENT SITUATION

The basis is the Industry 4.0 demonstrator developed for the 2015 IT Summit, which illustrates the linking of the real and the virtual world. The demonstrator combines a physical, highly flexible transport system (multi-carrier system developed by Siemens AG and Festo AG & Co. KG) and a virtualized production system. The demonstrator was developed using conventional technologies and approaches and has individual connectivity to a data analytics cloud.

## SOLUTION

The Industry 4.0 demonstrator was structured based on the Industry 4.0 components concept. Selected contents of relevant components were visualized in a separate application.

## INDUSTRY 4.0 FEATURES

Testing the Industry 4.0 component concept



## PROJECT DESCRIPTION

- Initial workshop in the evosoft test center
  - Identify useful Industry 4.0 components for the existing Industry 4.0 demonstrator
  - Identify relevant attributes of the identified Industry 4.0 components
- Development of a solution concept by the evosoft test center
  - Develop a concept for an additional application with corresponding control and visualization options for the Industry 4.0 components
- Integrate the new application into the existing Industry 4.0 demonstrator
- Present at the 2016 Hanover Fair

## REFERENCES

- [www.youtube.com/watch?v=4dmA1QtAUzo](http://www.youtube.com/watch?v=4dmA1QtAUzo)
- <http://sf-eu.net/wp-content/uploads/2016/08/siemens-2016-industrie-4.0-demonstrator-praesentation-de.pdf>

## CONTACT

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## STANDARDIZATION APPROACHES

The following standards are used: Industry 4.0 component concept