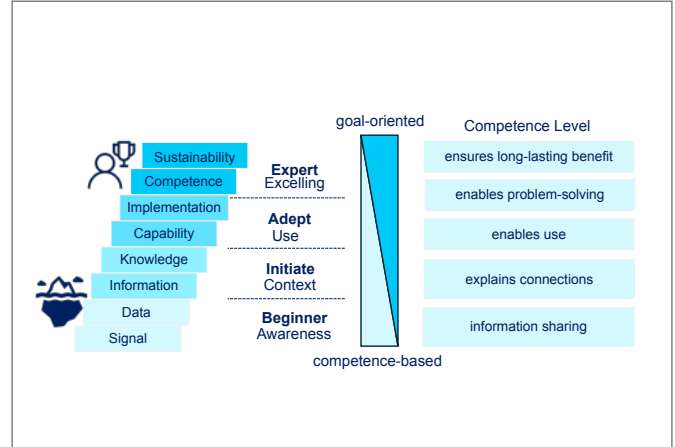
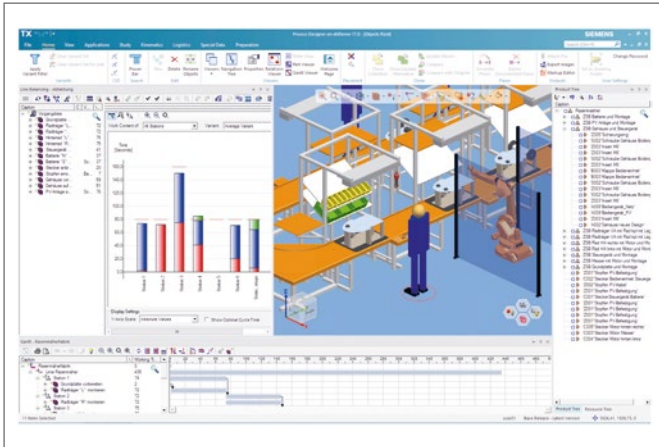


Content



8 **Digital Factory in Engineering Education: A teaching concept from a University of Applied Sciences**
 The volatility of economic conditions and rapid technological progress require production sites to be constantly adapted and improved. This calls for highly qualified factory planners who can use digital planning tools efficiently.

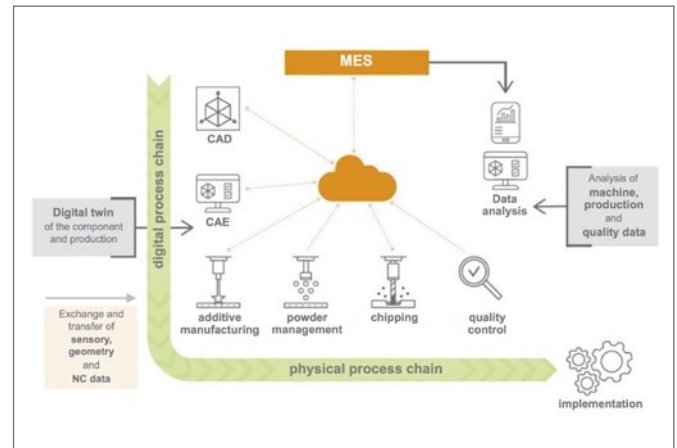
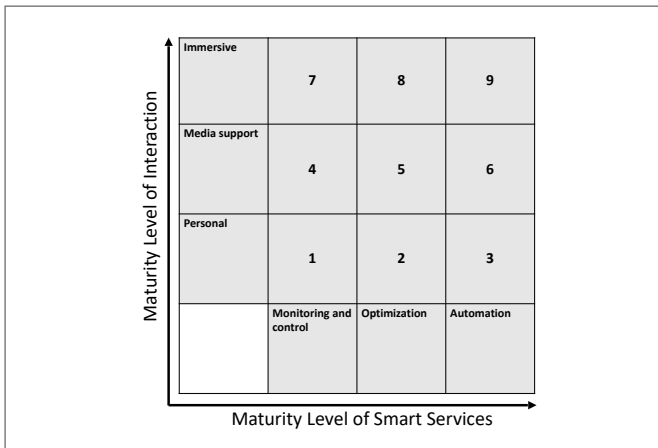
24 **Modular Learning Factories for Industry 4.0: Acquisition of target-oriented action competence to accelerate industrial implementation**
 Due to its potential for innovation, Industry 4.0 requires new teaching content. The competence profiles currently in demand often aren't reflected in training. Tailor-made learning opportunities and teaching targeted problem-solving skills in a modular learning factory are an effective approach.

KNOWLEDGE TRANSFER

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Additive Manufacturing 4.0 Learning Factory: Digitalization for batch size 1



50 Maturity Levels of Smart Knowledge Services: Self-assessment and GAP analysis

Digitalization is creating new forms of continuing education, smart services are increasingly in focus. While traditional learning environments are rarely tailored to individual needs, smart services offer new possibilities. A decentralized learning environment, once a utopian vision, is now a reality.

57 Additive Manufacturing 4.0 Learning Factory: Digitalization for batch size 1

There's a major obstacle to training and further education in mechanical engineering: the lack of access to the knowledge needed for success. This can have a negative impact on the acceptance of digitalized processes. A practical teaching and learning platform that teaches digitalization topics on real machines does important work here.

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