



SMART FACTORY

CONSULTING

The transformation to a smart factory requires a clear strategy, structured change processes and the right integration of technology, organization and people. We support companies from strategic planning and change management through to the implementation of technical challenges. By taking a holistic view of processes, the IT/OT organization and corporate goals, we ensure that digitalization is not only initiated, but also sustainably anchored in the company.



SMART FACTORY STRATEGY

- Development of a holistic strategy & roadmap for the smart factory
- Maturity analysis & assessments for targeted measures
- Interlocking of IT, OT & processes for an efficient production strategy
- Change management & transformation support for sustainable implementation



CLOUD & IT INFRASTRUCTURE

- Cloud (Migration) Strategy: Development of a tailored roadmap for secure and efficient migration to the cloud
- Cloud Architecture: Design of flexible, secure and scalable cloud architectures
- Cloud Optimization: Optimization of existing cloud landscapes

Learn more: [ITK Cloud Services](#)



CYBER SECURITY STRATEGY

- Security for networked production environments in accordance with EU CRA, IEC 62443 & UNECE R155
- Strategy & process consulting for holistic cyber security integration in production
- Protection of IT/OT systems through customized cyber security management systems (CSMS)

Learn more: [ITK Cyber Security](#)



SHOPFLOOR & SMART MANUFACTURING

- Transparency Kit: Real-time data acquisition and analysis for increased transparency and efficiency on the store floor
- Digital Twin: Virtual mapping of production processes for optimization and real-time monitoring
- Simulation: Use of simulation tools & methods to improve production workflows and decision-making processes
- Test Systems: Development of tailor-made test systems for quality assurance and validation of production systems

Learn more: [Industrial Solutions](#)



DATA & AI STRATEGY

- Strategy development for data-driven business processes and decision-making
- Integration of AI solutions to increase efficiency and promote innovation
- Data governance & compliance for secure and compliant use of data & AI

CONTACT

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