digital manufacturing

Advanced Industry 4.0 applications for a smarter and more efficient supply chain
All our solutions are based on mature, industry-proven software libraries, toolboxes and reference applications, which unite the robustness of commercial off-the-shelf software with the flexibility of a customized solution.

Leveraging Industry 4.0/IoT methodologies for streamlined manufacturing

- Design and development of upstream and downstream IT systems bringing together the right platform, technology and user experience
- Application of Industry 4.0 concepts to the supply chain
- Implementation of advanced HCI, multimedia, augmented reality and mobile technologies
- Development of Big Data & Analytics strategies and tools
- Integration of IoT for predictive maintenance and real-time process optimization

A service portfolio covering the entire supply chain process

- Managing configurations and their exceptions, tracing as-designed and as-planned discrepancies
- Planning your production and scheduling your orders through real-time simulation
- Tracking your work, material and machines and providing the right information to the right people at the right time in the right format
- Identifying potential failures in advance and remotely monitoring machine conditions
- Implementing a Big Data approach to keep your KPIs and overall equipment effectiveness under control
- Pre-packaged software assets lower project costs and ensure maximum system reliability

Digital manufacturing solutions widely used across the industry

- 40 plants currently operating with our systems
- 12 aircraft/helicopter types produced with our software solutions
TXT e-solutions is an international, specialized provider of engineering software solutions supporting customers in high-tech markets in their mission- and business-critical core processes and throughout their product lifecycles.

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