



digital manufacturing

Advanced Industry 4.0 applications
for a smarter and more efficient supply chain

TXT

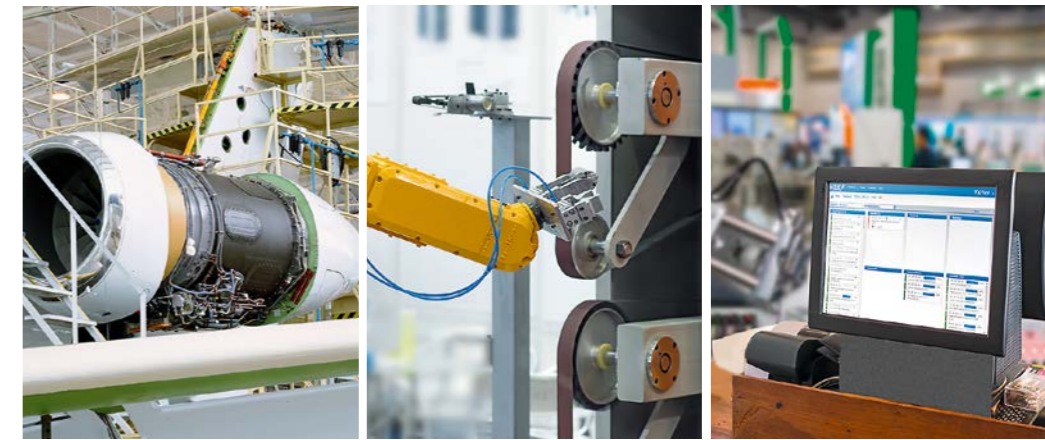
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TXT supports the aircraft manufacturing and assembly process with digital manufacturing solutions that combine in-depth business knowledge, state-of-the-art software technologies and customer-proven methodologies.

Our solutions address the complex challenges encountered by ICT experts, industrial and manufacturing engineers as well as planning, production and maintenance departments in key areas including:

- Industrialization
- Planning
- Production
- Maintenance

Drawing on our long-standing expertise of the aerospace, automotive and transportation industry and the development of advanced software solutions, we help customers to increase their productivity, to manage product changes and their impact on production, inventories and logistics and to improve the overall quality of their processes and products.



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, e.g. TXT Manufacturing Data Analytics, TXT Ops 4.0, TXT Process Engineering, TXT FAST 4.0 Configuration Management and TXT IoT Manufacturing Operation Management

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

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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