

Fact Sheet

Optimize your factory operations with Fujitsu Connected Manufacturing solution

Fujitsu Connected Manufacturing solutions leverage SAP® Leonardo and Fujitsu technologies to analyze manufacturing performance, optimize resource usage and streamline shop floor activities to improve flexibility, quality and speed while reducing manufacturing costs

Challenges

Over the course of the past few years many manufacturers have been adopting a culture of lean manufacturing, with heavy investment in SAP ERP software to manage and streamline supply chain management, production planning and execution. In addition to this, they have also been investing in shop floor systems, including: historian, supervisory control and data analysis (SCADA), distributed control systems (DCS), manufacturing execution systems (MES) to tens and even hundreds of legacy systems throughout different plants. Which brings us to challenges today as manufacturers begin to think of the factory or shop floor of the future and fully unlocking the value of investments in both ERP software and shop floor control systems.

- Challenge: Lack of accurate data and a single version of truth
- Challenge: Lack of a data-driven culture
- Challenge: Operations leaders inability to gain actionable information when and where needed
- Challenge: difficulty in automating processes across different systems, especially from shop to floor to the top floor
- Challenge: obtaining investment dollars

How we can help

To quickly realize the benefits of a connected enterprise manufacturing system, the Fujitsu Connected Manufacturing solution is deployed using best-in-class consulting, predefined business outcomes, and enhanced by

leveraging the power of SAP Leonardo and SAP HANA.

The solution enables manufacturing organizations to gain real-time insights into manufacturing performance and automate the shop floor activities.

The solution includes:

- Manufacturing integration
- Manufacturing Performance management
- Overall Equipment Effectiveness
- Manufacturing Execution Systems for both process and discrete manufacturing
- Quality Management
- Statistical Process Control (SPC)
- Plant Maintenance
- Energy and Environmental Management
- Shop floor sequencing and scheduling
- RFID-based WIP and Tools management

Benefits

- Real-time visibility and advanced analysis into shop floor
- Reduced manufacturing costs through optimized resource usage
- Improved productivity and manual intervention elimination
- Improved quality and compliance
- Improved return on assets
- Protection and leveraging of your investments in both SAP and shop floor control systems



What we offer

Fujitsu offers a comprehensive Connected Manufacturing solution and services with SAP Leonardo including:

- Co-defining the roadmap and business case of enterprise manufacturing system
- Scoping using pre-defined questionnaires and templates for collecting necessary inputs
- Activation and implementation of SAP ECC or S/4 HANA® core modules like Production Planning (PP), Material Management (MM), Quality Management (QM), etc.
- Development and Deployment of SAP Manufacturing Execution (ME), Manufacturing Integration and Intelligence (MII) and Plant Connectivity (PCo)
- Activation and development of manufacturing analytics on SAP HANA
- Connecting Operational Technologies like Historian, supervisory control and data analysis (SCADA), distributed control system (DCS) with SAP ECC or S/4 HANA
- Providing project documents such as Business process documents, project plan and test scripts
- Training the trainer to deliver the training for key users
- Go-Live support

Why Fujitsu

Optimize Asset Performance with Fujitsu

Fujitsu, a Global SAP Partner and Technology Innovator, with its world class practice, has helped manufacturing industries all over the world to design, deploy and support SAP solutions for maximum benefit.

Fujitsu provides:

- Best-in-class team with deep knowledge in manufacturing operations and implementation experience of SAP Manufacturing Suites across the Consumer Products, Chemical, Oil and Gas, Utility, High Tech, Industrial Machinery and Component, Auto, Aerospace and Defense industries.
- Cutting-edge technology and thought leadership. Our team is the pioneer of combining and leveraging Fujitsu and SAP's latest technology such as SAP HANA, Predictive Analytics, Augmented Reality, and Internet of Things to pursue the manufacturing excellence with our clients.
- Unique digital co-creation approach: Fujitsu in tandem with customers bring together the latest technology and business expertise to find the insights and ideas to drive digital transformation.

About Fujitsu Americas

Fujitsu America, Inc. is the parent and/or management company of a group of Fujitsu-owned companies operating in North, Central and South America and Caribbean, dedicated to delivering the full range of Fujitsu products, solutions and services in ICT to our customers in the Western Hemisphere. These companies are collectively referred to as Fujitsu Americas. Fujitsu enables clients to meet their business objectives through integrated offerings and solutions, including consulting, systems integration, managed services, outsourcing and cloud services for infrastructure, platforms and applications; data center and field services; and server, storage, software and mobile/tablet technologies. For more information, please visit: www.fujitsu.com/us and <http://twitter.com/fujitsuamerica>

Digital Transformation

New digital technology is becoming incorporated into the heart of business and society. Digital is not a single technology, rather a set of connected technologies such as cloud, mobile, Internet of Things (IoT), analytics, Artificial Intelligence (AI) and supporting security technologies.

Digital technology can radically transform how the world works. For instance, a manufacturer can leverage a connected, digitalized production line to gain a real time view of its operations, and make changes more quickly, transforming its efficiency. Connectivity greatly reduces transaction costs, and therefore improves the bottom line. Digital technology fundamentally changes an organization, how it operates and how it creates value. Digital transformation is metamorphosis. A core change, not a cosmetic change or an extension. A reconfiguring of a business to provide higher value products or services.

Digital technology has grown through four major waves of development. The first wave, the internet, made computing technology available to all, and was the first platform for digital services. The mobile internet followed by making digital services accessible anywhere.

Find out more at:

<http://www.fujitsu.com/us/vision/digital-transformation/>

More information

For more information, please visit:
www.fujitsu.com/us

For information on our Intel® based PRIMERGY® Servers:

<http://solutions.us.fujitsu.com/www/content/products/servers/primergy/index.php>

For information on our Enterprise Storage:

<http://www.fujitsu.com/global/products/computing/storage/>

For information on our PRIMEQUEST® Servers:

<http://www.fujitsu.com/global/products/computing/servers/mission-critical/primequest/>

For information on Software

<http://www.fujitsu.com/us/products/software/>

For more information on SAP EcoHub service:

<http://ecohub.sap.com/catalog/#!solution:Fujitsu-RDS-CBM>

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at:
www.fujitsu.com/global/about/environment/



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