

Fact Sheet

Improve asset reliability and reduce your maintenance cost with Fujitsu Connected Assets solutions

Fujitsu Connected Assets solutions leverage SAP® Leonardo and Fujitsu technologies to analyze machine performance, optimize operations and maintenance activities to improve asset reliability while reducing maintenance cost

Challenges

Predictive Maintenance was introduced to maintain the correct equipment at the right time. It is based on using real-time data and advanced analytics to prioritize and optimize maintenance resources. In the past years, many maintenance organizations have adopted a culture of reliability, investing heavily in maintenance software like SAP's Enterprise Asset Management (EAM) solutions to manage and streamline the maintenance activities. Additionally, many organizations are investing in embedded sensors. However, in order to unlock the value of these investments, several challenges must be addressed to build up the foundation for Predictive Maintenance.

- Challenge: acquiring data in a secured and affordable way
- Challenge: turning massive amounts of data into actionable insights
- Challenge: disconnected processes
- Challenge: obtaining investment dollars

How we can help

To quickly realize the benefits of a predictive maintenance strategy, the Fujitsu Connected Asset 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 maintenance organizations to gain real-time insights into asset performance, predict the health and risk of your critical equipment, and automate the

maintenance processes.

The solution includes:

- Data acquisition within and outside the four walls of factory
- Rounds and Inspections with wearables and mobile devices
- Data aggregation, contextualization, and storage
- Condition monitoring and asset health analytics
- Advanced analytics like anomaly detection, failure analysis and useful life prediction
- Close loop business process integration turns predictions into actions

Benefits

- Reduced operation and maintenance cost by reducing unnecessary maintenance
- Minimized risk and improved compliance by alerting to imminent catastrophic failure
- Real-time visibility and predictive analysis into the asset health index
- Improved productivity and manual intervention elimination
- Protection and leveraging of your investments in both SAP and instrumentation

What we offer

Fujitsu offers a comprehensive predictive



maintenance solution and services with SAP Leonardo including:

- Co-defining the roadmap and business case for predictive maintenance
- Scoping using pre-defined templates for the collection of necessary inputs such as: critical equipment, target value of critical conditions, rules, target Unit Health Indicators, etc.
- Activation and implementation of SAP Enterprise Asset Management (EAM)
- Deployment of Mobile Inspections and Work Management, SAP Condition Based Maintenance with SAP Manufacturing Integration and Intelligence (MII)
- Activation and development of asset performance analytics on SAP HANA
- Configuration and deployment of SAP Predictive Maintenance and Services (PdMS) on Cloud or on Premise
- Connecting Operational Technologies like Historian, supervisory control and data analysis (SCADA), distributed control system (DCS) with SAP EAM and SAP PdMS
- Providing project documents: Business process documents, project plan, 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 asset intensive industries all over the world to design, deploy and support SAP solutions for maximum benefit.

- Best-in-class team with deep knowledge in maintenance operations and SAP implementation experience of SAP Solutions for maintenance organizations 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 Predictive Analytics, Augmented Reality, and Internet of Things in the pursuit of the operational 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

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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:
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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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FPC58-3194-02 03/17
17.0309.1141bh

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