

FUJITSU Connected Enterprise

Transforming your manufacturing
operations and asset management
for better business outcomes

The Fujitsu logo, consisting of the word "FUJITSU" in a red, sans-serif font with a stylized infinity symbol above the "I".

FUJITSU

A photograph of two men in a factory setting. The man on the left is wearing a grey work jacket and looking at a tablet held by the man on the right. The man on the right is wearing a blue button-down shirt and glasses, looking at the tablet. The background shows industrial equipment and a blurred factory floor.

shaping tomorrow with you

The SAP logo, featuring the letters "SAP" in white on a blue background, with the text "Global Partner" in blue on a white background below it.

SAP
Global
Partner

Leverage the power of information

Knowledge is power. And the Internet of Things (IoT) provides society with completely new opportunities for gaining this knowledge. Every day the number of things connected with each other increases by several million. It is estimated that there will be a network comprised of 50 billion connected things by the year 2020. Business enterprises can profit from this development by applying the IoT concept to their needs through the implementation of an Industrial Internet of Things (IIoT). Experts are certain that this will enable enterprises to boost their productivity by up to 30 percent.

Read the White Paper "The Connected Enterprise" 

FUJITSU Connected Enterprise transforms data into knowledge

FUJITSU Connected Enterprise enables you to optimally leverage the potential of Industrial IoT for your business. In addition to just considering things, we make sure to also connect data, people and business networks intelligently. By doing so, Fujitsu supports industrial enterprises in successfully realizing digital transformation.

FUJITSU Connected Enterprise seamlessly integrates operational technologies (OT) and information technology (IT) in business environments. And that enhances the availability of your business information. We enable employees and management to access the right information anytime and anywhere so that comprehensive process optimization can take place.

The **productivity** of
connected enterprises
can **increase** by

30%



FUJITSU Connected Enterprise

Taking the lead through networked connectivity



Fujitsu is supporting companies to become smart, connected and future-ready enterprises by implementing an information backbone that extends from the operational technologies to the IT and the workforce. In FUJITSU Connected Enterprise, we bundle our expertise as an industrial enterprise, our technology and service expertise and our expertise as an SAP® Global Partner to help you transform your business into a streamlined, agile and highly efficient organization. The transformation to the connected enterprise takes place in three phases:

GET CONNECTED. Based on a business-oriented and collaborative approach, we support you in bridging the gap between your OT and your IT. For this purpose we analyze your business processes and identify the layers which need to be connected. In the second step we bring all this together with our technological expertise. By connecting things such as sensors, people and business networks, we provide the basis for the efficient flow of information from the shop floor to the top floor.

GET INSIGHTS. With converged IT and OT, you gain actionable insights into all aspects of your asset and manufacturing operations, empowering you to proactively manage and simplify your business.

GET OPTIMIZATION. Coupled with smart automation and advanced analytics, you are in the position to optimize and transform your business processes quickly and with agility.

Imagine higher productivity

FUJITSU Connected Enterprise opens up new dimensions in creativity throughout your business enterprise.

- Leverage the wealth of information and knowledge within your enterprise to further develop organizational and business processes.
- Create new, service-oriented business models that will make your enterprise truly unique.
- Generate new business ideas and sources of revenue in the digital world.
- Manage and optimize entire value chains in real time in order to boost efficiency, mitigate risks and improve quality management as well as corporate action.



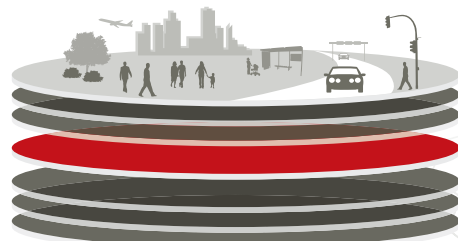
To learn more, watch the video

Information Technology (IT)

- Query-based
- Data at rest
- Non-real time

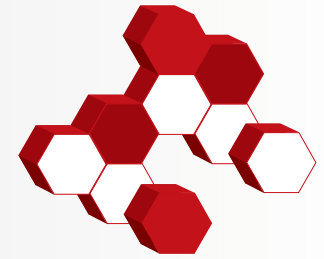
Operational Technology (OT)

- Event-based
- Data in motion
- Real time



- Collaboration & Processes
- Application
- Data Abstraction
- Data Accumulation
- Edge Computing
- Connectivity
- Physical Devices & Controllers

Unlock the value of your investments in SAP solutions



Success within just a few weeks

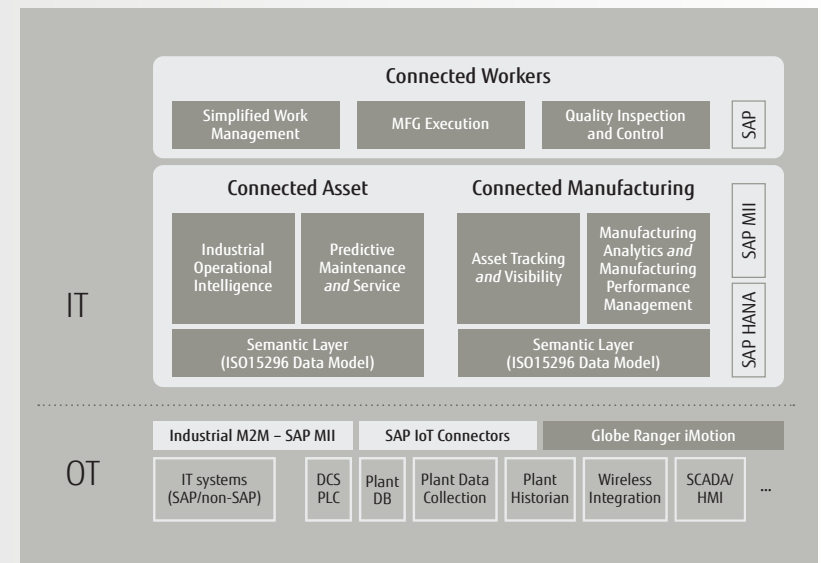
FUJITSU Connected Enterprise provides SAP customers in particular with efficient options for successfully realizing a connected enterprise. The offering covers all aspects – including operational technologies and employees to complete management capabilities. Rapid deployment options for optimizing the production environment and asset management allow implementation within just a few weeks. Customers will quickly notice measurable results with FUJITSU Connected Enterprise.

FUJITSU Connected Enterprise

is based on SAP applications and Fujitsu IoT Platform to establish smart connections between operational technologies and IT. In addition, we can deploy SAP Manufacturing Integration and Intelligence (SAP MII) for industrial machine-to-machine connectivity, the SAP HANA® Cloud Platform for advanced analytics and FUJITSU GlobeRanger for asset tracking and visibility. We also incorporate and develop reusable apps and analytics on top of the SAP and Fujitsu Technology stack.

The main focus is on business processes – not on technology

The main focus of Industrial IoT is not on new technologies, but rather on how business enterprises can leverage existing technologies much better and gain more benefits. In addition, a connected enterprise does more than just connecting things with each other (like equipment, machines, systems, etc.) – it primarily forms an intelligent network that centers around people and processes. That is precisely what FUJITSU Connected Enterprise does. The benefits: You protect your current investments, optimize your return on investment (ROI) and achieve maximum flexibility for realizing the digitalization of your business across all levels.



Transform your manufacturing and asset management

FUJITSU Connected Manufacturing turns complex into lean

FUJITSU Connected Manufacturing utilizes industrial machine-to-machine connectivity, mobility technology and manufacturing analytics to provide a keen and actionable understanding of the vast amounts of operational data being generated. This transformation of the data enables proactive management from the top floor to the shop floor, live and in real time. As a world-class manufacturer, Fujitsu has extensive expertise in helping organizations harness the power of the connected enterprise to increase manufacturing productivity, quality and innovation at a reduced cost. The result is a highly optimized, lean manufacturing operation.

New opportunities thanks to more data sources, simple data acquisition and even real-time analyses for manufacturing operations will drive the revolution in production processes. For example, production planning and control across several factories can be organized using mobile and paperless technologies, and tracking the flow of materials and goods can be improved considerably. This will result in benefits such as:

- Higher levels of operational efficiency
- Higher levels of transparency and traceability
- Optimized quality
- Optimized water and energy consumption and reduced waste
- Lower operational costs



Leverage your synergies: We implement connected manufacturing and connected asset solutions using the same technology. That reduces complexity, speeds up projects and improves the ROI from SAP MII investments.



FUJITSU Connected Assets enables predictive maintenance

FUJITSU Connected Assets puts organizations in a position to analyze data from assets equipped with sensors to gain better visibility into asset availability, to track the performance of their assets and to optimize maintenance processes. Based on real-time data, maintenance teams can assess the health of critical components in machines, facilities or systems and automate the maintenance processes based on asset health indexes. Thus FUJITSU Connected Assets paves the way to condition-based maintenance strategies that unlock the full potential of investments in assets with predictive maintenance.

Features such as the live monitoring of assets really pay off, especially in industries (such as energy) that are heavily dependent on equipment and machinery:

- Maintenance teams can be deployed with more efficiency
- Maintenance and repair costs are dramatically reduced because unnecessary procedures are minimized
- Risks due to defects or outages – e.g., circuits or infrastructures – are reduced
- Compliance with directives and regulations is improved
- Availability is increased in production systems and facilities
- Productivity is optimized

Make your life easier

Start your IoT journey with Fujitsu

With FUJITSU Connected Enterprise we offer you a business-centric and collaborative approach with end-to-end solutions from a single source to ensure a seamless and integrated customer journey. For this purpose our portfolio provides a value-driven road map with best-in-class services, solutions and products to leverage the full potential of your SAP investments.

IDENTIFY VALUE

What kind of added value can be generated for your business through digital transformation? And how can your business enterprise be more creative and distinguish itself through extraordinary unique selling propositions? You will get compelling answers to these and other questions from Fujitsu Strategic Consulting. We take a holistic approach to your needs, starting with business and technical assessments and the identification of use cases, to the fine tuning of business cases, the definition of road maps and the design of the solution architecture. You always have complete transparency – from start to finish – when it comes to appraising the benefits that digital transformation will deliver to your business.

REALIZE VALUE

To realize your digital transformation strategy, our project managers, business analysts, functional consultants and technical consultants – all of them professionals in their particular fields – will work closely with you to implement a solution that responds to your demands. Our project templates and leading technologies support fast and first-class implementation. One prime example is FUJITSU GlobeRanger iMotion™ edgware, our solution for connecting things (such as sensors, devices, networks and enterprise systems) and orchestrating processes.

The result: customized end-to-end solutions across all levels. All of this is available worldwide, thanks to our precise global delivery governance models and global delivery capabilities.

OPTIMIZE OPERATION

Managed Services provide the cost-effective, reliable and flexible operation of your solution. In addition, our application management services and hosting services (on premise, cloud) give you maximum freedom when designing processes.

GAIN COMPETITIVE ADVANTAGES

Utilize co-innovations to generate added value for your business. For example, with predictive maintenance, operational analytics, connected products, workplace safety and connected facilities you can innovate business processes and create new ones to stand out from the competition.



Inspiring simplicity in a changing world!

Learn more about Fujitsu's solutions and services.

Please visit our website

It's time to get connected!

Enterprises around the world have made significant investments in SAP technologies, but need support in getting the most out of their vast capabilities. As a trusted SAP Global Partner for over 40 years, Fujitsu offers a complete range of tailored, future-proof SAP services and solutions that help customers simplify, innovate and grow.

Everyone talks about Industrial IoT solutions – Fujitsu makes them happen!

Fujitsu's extraordinary expertise and ability to realize the best in end-to-end solutions will help you transform your business into a connected enterprise.

Bank on the powerful Fujitsu Internet of Things Platform:

- Strong portfolio of our own intellectual property
- Broad ecosystem of best-of-breed partners
- Standardized business solutions for customer verticals
- Global Managed Integration and Delivery Services

We will make your business truly unique:

- **Business excellence:** Through our business-centric consulting approach, we reliably identify and assess the potential for enterprise connectivity in your business units and processes.
- **Solution excellence:** Our expertise covers all essential aspects, from operational technologies and IT to the building of networks for employees and managers at all levels. What's more, we offer you innovative end-to-end solutions based on our in-depth know-how when it comes to technologies and SAP solutions.
- **Delivery excellence:** Our prepackaged solutions are flexible and customer-centric so that you achieve measurable results very quickly.



FUJITSU Connected Enterprise plus Fujitsu client computing devices – such as the Head Mounted Display – are revolutionizing work processes. For example, when they are used in combination with sensors or augmented reality for maintenance and repair work.



For details, please visit our website 

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

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1250 East Arques Avenue Sunnyvale,
CA 94085-3470, U.S.A.
Telephone: 800 831 3183 or 408 746 6000

Contact Form:
<http://www.fujitsu.com/us/about/resources/contact/>

Have a question? Email us at: AskFujitsu@us.fujitsu.com

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