

# The Era of The Smart Factory

Fujitsu Smart Factory

FUJITSU



## Digitalization in manufacturing The Era of the smart factory

### Digital transformation Industry 4.0

influences businesses to adopt cutting edge technologies in order to survive in this era of digital disruption. Manufacturing organizations are required to react to these changes while balancing the impact to their three core stakeholders: their employees, customers and increasingly, society. Manufacturing business leaders prioritize employees above all else but how to ensure sustained success, they must find a way to innovate intelligently, keep moving forward and drive the trusted future.

### Smart Factory in Fujitsu Point of View

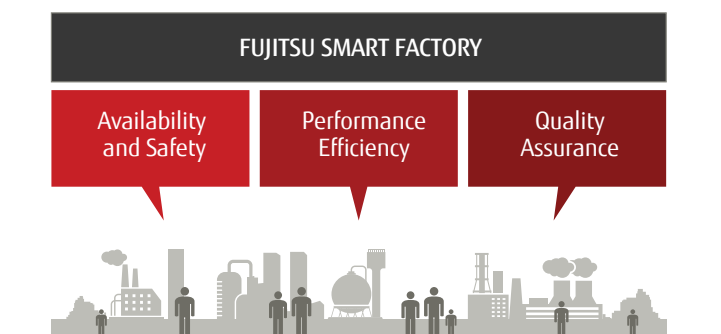
In Fujitsu's view, Innovative and Intelligent Internet of Things(IoT) solutions seamlessly connect Operational Technology(OT) and Information Technology(IT) to enable business-critical smart processes utilizing data and analytics in real-time to lower costs and increase operational effectiveness, thereby creating a Fujitsu Smart Factory.

## How Fujitsu Smart Factory approach to Digitalization in Manufacturing

Fujitsu Smart Factory is in a position to help you to harness the power of Innovative, the connected and intelligent enterprise to create a highly optimized, lean manufacturing operation. Fujitsu focus on 3 domains which become the foundation for a truly Digital Manufacturing Enterprise. The 3 domains are

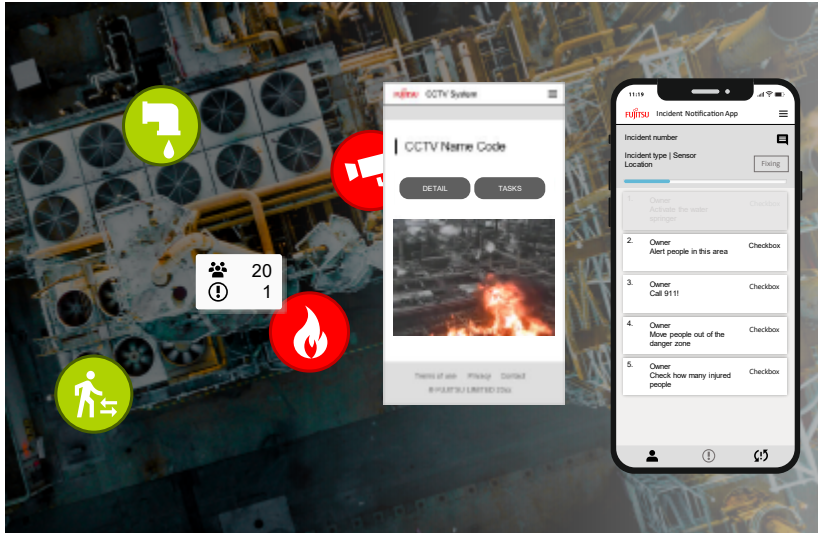
Availability and Safety
Performance Efficiency
Quality Assurance.

The combination of "Availability and safety", "Performance Efficiency", and "Quality Assurance" is not only applied to the measurement of Overall Equipment Effectiveness(OEE) but to the whole Manufacturing organization to improve efficiency, performance, and competitive advantage. Fujitsu offers Smart Factory solutions for all these 3 domains.



shaping tomorrow with you

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### AVAILABILITY AND SAFETY

We connect environmental alarms, sensors, equipment, people and processes into a single pane of glass and **alert you what to do** when there were any incident or disaster. Our sensor connected devices enable you to gain better visibility into asset availability and maintenance processes.

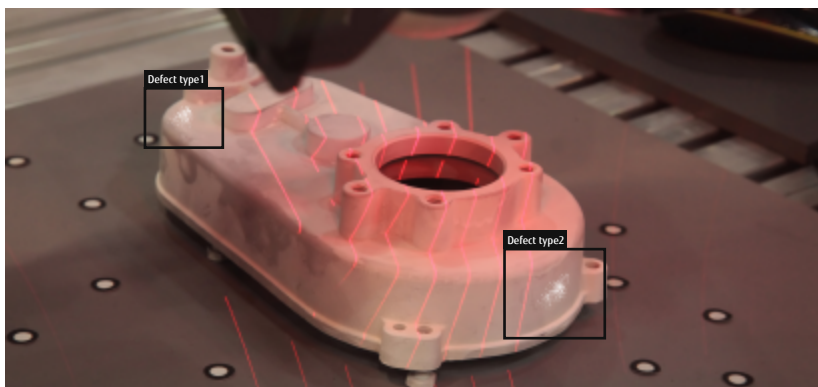
Using the real-time mobile application, your maintenance teams can assess and inspect the health of critical components in your facilities and machines and access the necessary information. Our connected solutions deliver real-time asset monitoring and condition-based predictive maintenance to unlock the full potential of your asset investment.

Through real-time monitoring of employee and contractor environment and location, in conjunction with work permit and skill mapping, your workers' skill, wellbeing and safety can be significantly improved.



### PERFORMANCE EFFICIENCY

We deliver a full set of manufacturing solutions and IT services that underpin the requirements of digitalization to support management decision making. Our solutions leverage the convergence of IT and OT to enable smart, connected operations. Through the implementation of wireless technology, IIOT (Industrial IOT), data analytics and real-time data collection technology, we enable you to gain insight and understanding from the vast amount of operational data you generate every day. With our help, you can transform your processes and proactively manage all aspects of your operation, live- in real time, to **drive better decision making instantly**.



### QUALITY ASSURANCE

Fujitsu Advanced Image Recognition revolutionizes any operation that involves a visual inspection for defect identification. Our solution apply AI Machine Learning to achieve greater automation across inspection processes. It offers much more than previous machine vision capabilities. The system captures all quality control findings which are compiled into a Real Time advance Report with defect summary for future product improvement that will lead to **cost reduction**.

### CONTACT US FOR ALL YOUR SUPPORT NEEDS

We are confident of meeting your needs of Digitalization in Manufacturing, and contributing to the success of your Digital Transformation. We look forward to discussing with you in more detail.

#### Contact

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