FUJITSU

Smart Factory Transformation:
Drive sustainability, agility, and resilience

Sustainable Manufacturing starts with Smart Factory operations

Manufacturers are under mounting pressure from customers and stakeholders to develop more sustainable business practices. By digitally transforming and reshaping your factory operations you can reduce waste, cut costs, improve operational efficiency (OE), increase product quality and customization in a constantly changing environment. Additionally, the growing skills gap within the manufacturing industry means there is a need to proactively reskill and invest in new digital technologies to enhance worker development and productivity.

Manufacturers must face this challenge head on. The need for a smart, adaptable, and strategic approach, which allows for the creation of smart factories utilizing technologies that drives factories capable of adapting to environmental changes, labor imbalances and skill gaps cannot be stressed enough.

Manufacturers are being asked to:

- Maintain uptime and physical safety
- Achieve compliant and sustainable production
- Continuously improve OEE for supply chains
- Gain a competitive advantage in new value chains
- Be data-driven to improve business outcomes.

Challenges:

- New digital manufacturing competition
- Increased competition in the labor market
- Siloed coordination between governance, processes, and teams
- Limited connectivity with operational technology (OT) on the shop floor
- Increased threat of OT cyber security risk
- Limited understanding and visibility of assets on the shop floor
- Due to M&A there is a lack of standardization across factories.

Digital superpowers for more sustainable factory operations

By embracing smart manufacturing technologies, your factory teams will have the superpower to increase operational resilience and agility, becoming better prepared to meet any future market demands.

Sustainable Manufacturing starts with running your business more efficiently and giving your people the superpowers to make smarter choices in changing conditions.

- **Visibility** and transparency to forward-focus decisions, mitigate risk and run predictive maintenance
- **Autonomy** to maintain production in a disrupted market, driving revenue and building consumer trust
- **Productivity** to deliver results in traditional, remote and hybrid working environments, knowing that data, capital and intellectual property are completely secure
- **Ingenuity** to make sustainable improvements like reducing waste and energy consumption, while responding intelligently to customer needs.

With the right data insight and smart manufacturing technologies in place, you can increase your manufacturing resilience and agility while progressing towards your net-zero targets.

Empower your people to unlock new value

Your people have always been essential to your business growth, and now, with the wealth of insights and technologies at their disposal, their impact is greater than ever.

Your workforce remains your most valuable resource and providing them with digital tools to enhance their efficiency is a game-changer. Your people have the potential to drive transformation in manufacturing – benefiting your company, themselves, and the environment.

Super-power your performance with the right digital manufacturing technologies

The next generation of sustainable manufacturers is placing people at the heart of their transformation and utilizing Smart Factory solutions to super-power their performance.

By digitally transforming your factory operations you can empower your people with access to real-time data and digitally augmented processes, enabling them to make stronger decisions, develop new skills and accelerate sustainable growth. Future proof your business by giving your manufacturing workforce the:

- Visibility to solve problems and make smart decisions using real-time data intelligence
- Adaptability to work productively, collaboratively, and sustainably – at the factory, in the office or at home
- Flexibility to utilize their skills wherever they are needed, maximizing productivity, and enabling rapid change in line with market and customer demand
- Creativity to innovate at speed, developing more sustainable practices while improving operational performance and increasing quality and profitability.

Fujitsu as your sustainable factory transformation partner

**We help accelerate sustainability strategies for our manufacturing customers.
Our portfolio of data-driven digital solutions helps to:**

Connect data and turn it into visible, actionable insight to empower better decision-making

Strengthen consumer engagement by demonstrating green practices in your OT environment

Increase production efficiency and reduce waste by using preventative maintenance

Start your factory transformation with Fujitsu Consulting

Our digital transformation consulting focuses on helping manufactures realize their vision and improve business outcomes.

We have robust consulting methodologies, developed over many years. By leveraging these tried and tested approaches, we co-create a successful future with our clients through understanding their pain points and charting an achievable path forward to superpower your factory transformation.

Explore our Management Consulting Services

Why Fujitsu for Smart Factory

servicenow.

Unique visibility

The only partner in the marketplace working hand-in-hand with ServiceNow to jointly develop an OTM product for production.

Bringing a unique ServiceNow implementation capability to every engagement.

Networking heritage

We understand how to deliver a secure network.

From containerised 5G to our Virtual Edge solution being deployed in the utilities vertical, we can bring end-to-end accountability.

Cyber strength

Trusted to provide security and advanced threat protection from a state of the art network of Security Operations Centers (SOC).

End-to-End

Providing both consultancy and technology, and combined with a real agnosticism around partners.

We've got the full service covered. from ERP-MES-Factory floor.

Azure

HCI edge and cloud

Edge for enabling your factory digitalization journey Solution is fully compatible with your Azure Cloud environment for high class business operations.

SAP

Unparalleled insight & execution

In global partnership with SAP, we work with you to drive sustainability efficiencies across your entire manufacturing supply chain.

A single point of contact to deliver your complete end-to-end Smart Factory