

Manufacturing Digital Platform.
Promotes Manufacturing DX by CPS

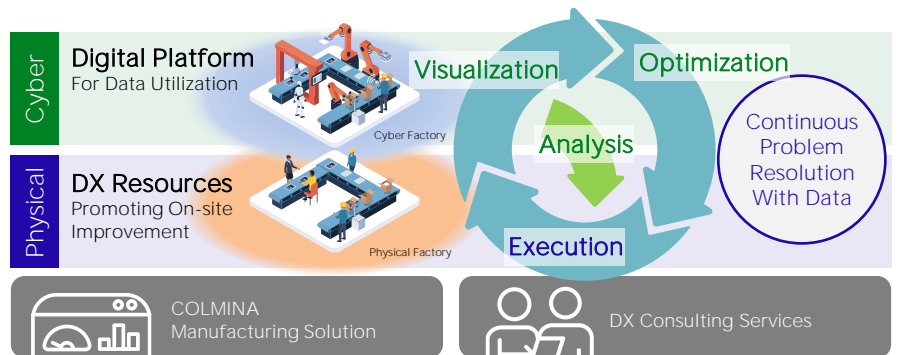


Toward sustainable manufacturing

In the world of manufacturing, we see the impact of severe issues and unprecedented disasters such as pandemics, political crises, and labor imbalances. As uncertainties increase more and more, the importance of strengthening the ability to respond to changes is increasing in the manufacturing industry. In addition,

there is a need to contribute to the realization of a sustainable society through "sustainable manufacturing" through business model transformation, while transforming operations itself, organizations, processes toward circular and traceable manufacturing by utilizing digital technology.

Digital transformation throughout the manufacturing life cycle with CPS



The key element in the implementation of the concepts of Industry 4.0 is the idea of cyber-physical systems (CPS) which promotes the computerization of manufacturing to make decentralized decisions. The goal is to facilitate appropriate decision-making at the right time, thereby increasing

efficiency and productivity.

Many industrial companies often find it difficult to manage diverse IT/OT systems across the enterprise. Furthermore, a vendor lock-in leads to a lack of flexibility and control over their data. And since there is usually no interoperability between OT and

IT, there is no insight into the data that is generated at the OT side. COLMINA builds a bridge between OT and IT and enables companies to manage and utilize the production data for intuitive visualization and groundbreaking analytics.

Evolution of DX and sustainable manufacturing with COLMINA Services

The innovation concept that digitalizes your production environment Industry 4.0 is here. COLMINA, Fujitsu's DX Solution for manufacturing companies, makes the most of your data and enhances the flexibility, speed and efficiency of your production processes.

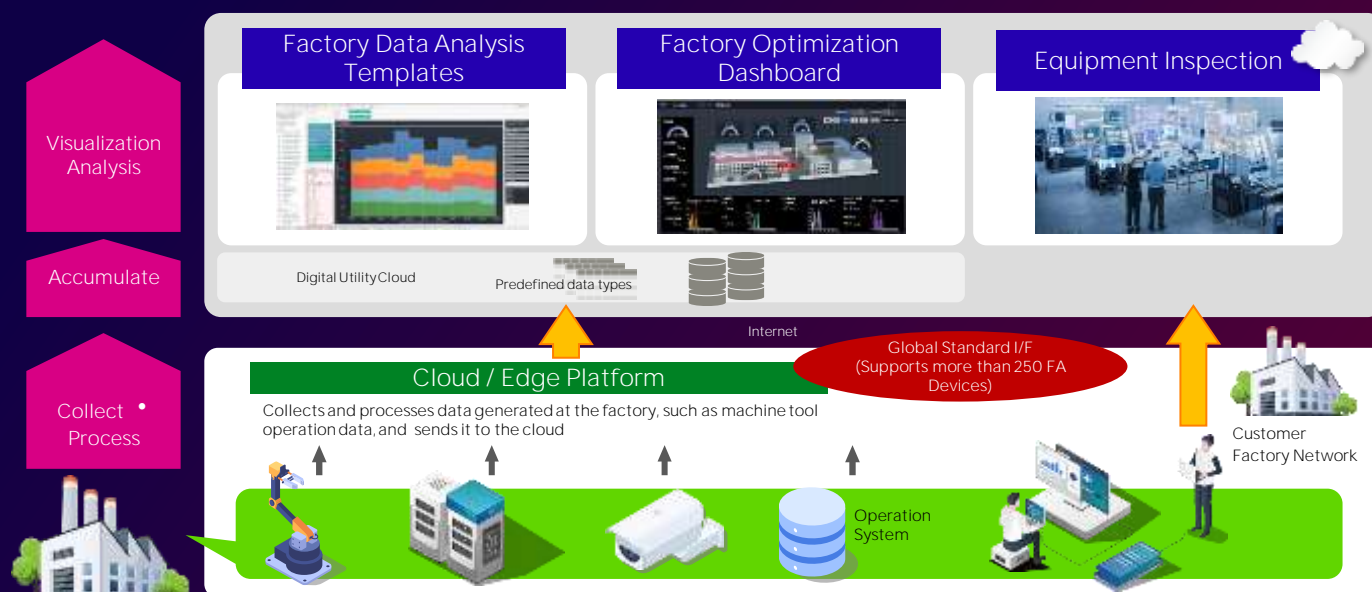
COLMINA is cloud based service for more efficient manufacturing operations and efficient use of machine tools. With COLMINA service, customers will be able to use a variety of business systems at an early stage with while keeping initial investments under control, thereby

contributing to the efficiency of internal operations, the advancement of customer services, and the acceleration of DX

<p>Shimane Fujitsu Ltd.</p> <p>6th Japan Manufacturing Grand Prize Ministry of Economy, Trade and Industry Award</p>  <p>50% Cost Reduction</p>	<p>Fujitsu Telecom Networks Ltd.</p> <p>8th Japan Manufacturing Grand Prize Excellence Award</p>  <p>51% Productivity UP</p>
--	--

Service Offering Configuration

The COLMINA service will help you achieve a smart factory earlier



COLMINA services allows you to start working on DX quickly and at low initial cost.

Our Services include:

- 1) **Factory Data Analysis Templates:** Visualize analysis graphs and improvement points of issues by combining analysis template based on success stories in-house practices
- 2) **Factory Optimization Dashboard:** Visualize the various KPIs of the factory graphically and visualize them in real time
- 3) **Equipment Inspection:** Complete everything from inspection input to report preparation at the site. Grasp the status of equipment and inspections at a glance.



Quick decision-making

- Enables you to grasp the KPIs of each site in real time and make speedy decision
- Detects factory abnormalities in real time and enables quick instructions to be given to the site

Minimize Impacts on Production

- Flexible adaption of production processes in critical situation eg. Machine failure
- Compare production plans based on individual KPIs and choose

Increase facility and resource availability

- Identifies interrelations and causes of low utilization rates
- Checks production and utilization statuses

Intelligent Dashboard

- Visualizes relevant factory data
- Allows roll-up aggregation and drill down deep dives

Smart Factory assessment

Fujitsu as your DX Partner

Fujitsu is enthusiastic to work together you as your trusted **DX partner** in Digitization, Digitalization and Digital Transformation (DX) journey to create and maximize the value created by your business

Supporting you to Reimagine Business and Experience

Fujitsu Thailand provide **end to end support approach** to our customers aligning with their company vision and strategies, **from Smart Factory Assessment, DX consulting to solution implementation and execution**, Co-Designing solutions from infrastructure, platform, cloud service to software, applications, data analytics and other digital services.

Why Fujitsu?



Fujitsu has the DNA of manufacturing and aim to inspire sustainable manufacturing. We have been working on Smart Factory and manufacturing Digital transformation (DX) at our own factories and have knowledge and abundant references gained through practical manufacturing sites. Fujitsu has been empowering people in the manufacturing industry for many years. We combine our longstanding experience as an ICT and digital transformation partner with revolutionary technologies such as artificial intelligence and high-performance computing to connect the entire supply chain with security and traceability. We strive for the harmonious coexistence of people and the earth in a borderless and diverse world.

Contact

Fujitsu (Thailand) Co., Ltd.

Address: 22-23 Floor, 388 Exchange Tower,

Sukhumvit Rd., Klongtoey, Bangkok 10110

Phone: +66 2 302 1500 / Fax: +66 2 302 1555

E-mail: info.th@fujitsu.com

Website: www.fujitsu.com/th

Let's talk about how Fujitsu can help you visualize & analyze your manufacturing data besides digitally inspecting your equipment from your factory

FUJITSU Thailand Website



FUJITSU Thailand Facebook



FUJITSU Thailand LinkedIn



FUJITSU Thailand YouTube



All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

FUJITSU