

Facility maintenance management system

Maintenance Station

Shifting facility maintenance management from a *routine operation* to a *value-added operation*



- ✓ Helping you in realizing a usable system from the preparation of an operation flow
- ✓ Saving labor and streamlining the maintenance operation through unified management of facility information
- ✓ Simple start of IoT-enabled facility maintenance service

Maintenance Station

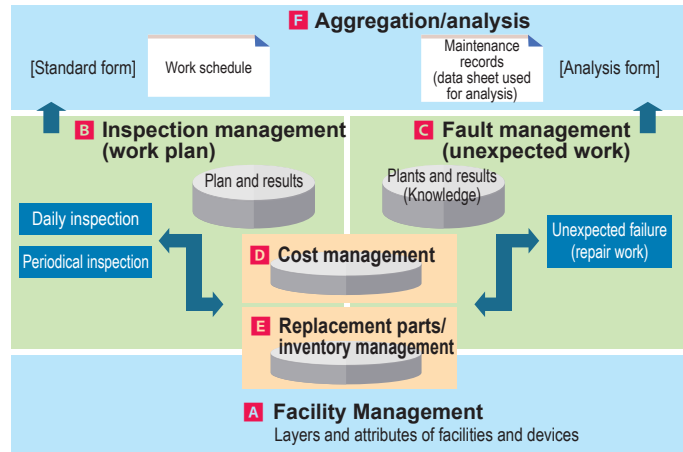
Maintenance Station is a solution that helps you introduce "Usable facility maintenance management system" from the preparation of a maintenance operation flow.

Maintenance Station

Maintenance Station is a facility management solution that optimizes various facilities and operations in a unified manner.

The solution uses various data on the facility, operations, faults, and so forth to provide a better work plan that optimizes the work items, timings, and methods of operation. The solution provides better operation efficiency and safety, reduced costs, a longer life of the facility, and a **safe and secure** environment.

Functional architecture



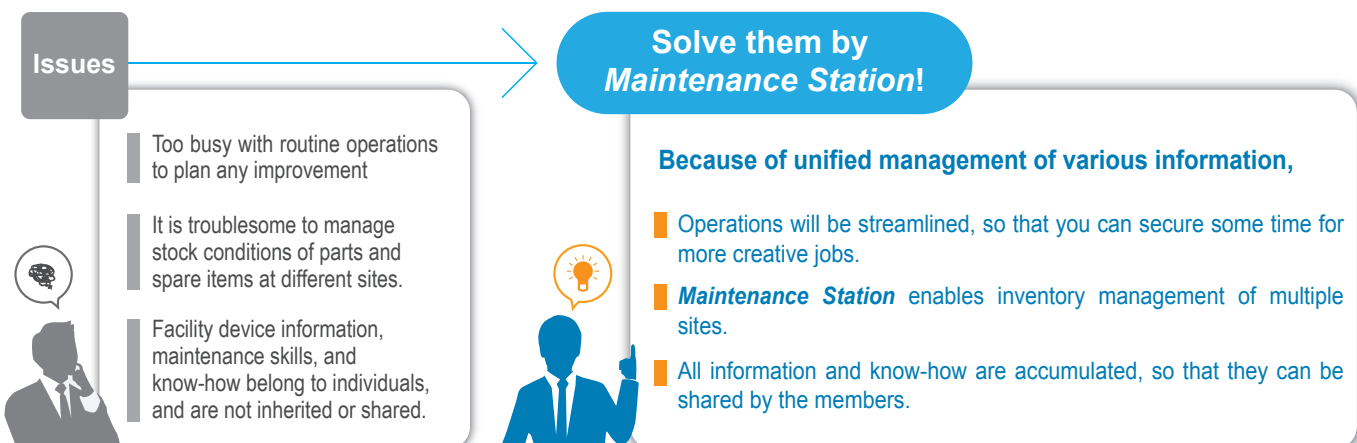
Function overview

The solution consists only of truly necessary functions in a simple manner based on our abundant experiences and track record in the support of facility maintenance management.

A Facility Management	- Manage the layer structure (by locations and process phases) and attributes of facilities, as well as part information associated with facilities.
B Inspection management	- Register and manage data entries on facility maintenance operations (periodic inspection, preventive operations, etc.). - Tablet devices help you in on-site remote operations. (Offline data entry is also possible.)
C Fault management	- Write a fault handling instruction in the event of a sudden fault. - View fault records of a specific facility from accumulated operation instructions of individual facilities. - Fault handling data includes the phenomenon, cause, factors, and treatment of each incident, which help you investigate past problems (knowledge and know-how management).
D Cost management	- Maintenance operation costs (time and money) are recorded for individual facilities.
E Replacement parts/inventory management	- Manage spare parts of facilities (for replacement cycles, last replacement dates, etc.). - Manage parts in individual stockrooms to track the spare part stocks.
F Aggregation/analysis	- Support the formats of the existing standard forms for data outputs. - Support the preparation of data analysis forms with flexible incorporation of pivots and macro into data sheets.

Saving labor and streamlining the maintenance operation through unified management of facility information

The solution helps you optimize your maintenance operations through unified management of various facility management information. Shift from a **routine operation** to a **value-added operation**

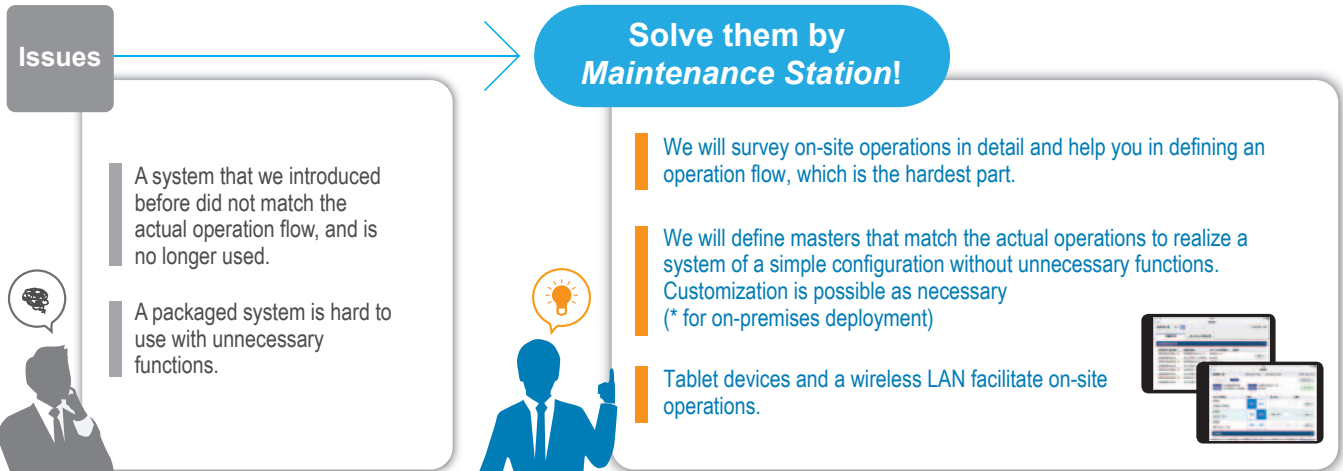


Use the time made available through reduced labor and streamlined operations for analyzing the accumulated maintenance data from various viewpoints

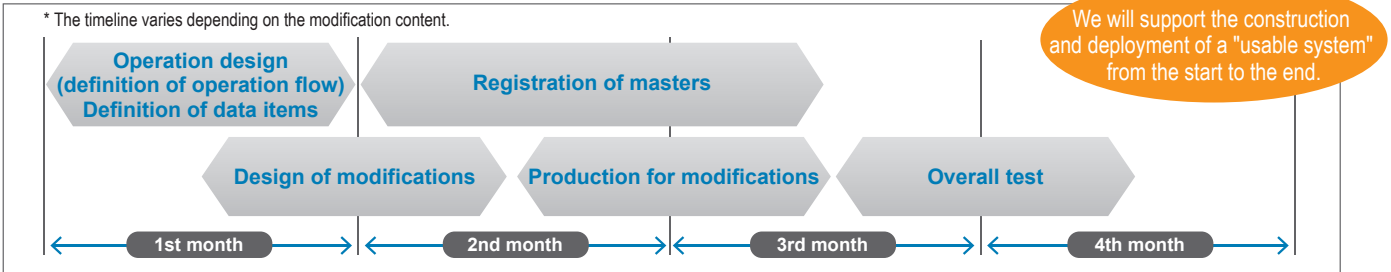
We help you visualize operations and plan improvement measures.

Working with you to define a maintenance operation flow—the first step of everything

Introduction of **Maintenance Station** starts with defining a maintenance operation flow with you. We will be able to provide a **usable system** by sharing with you the current operation analysis results and objectives, and by defining masters in accordance with a redefined operation flow.

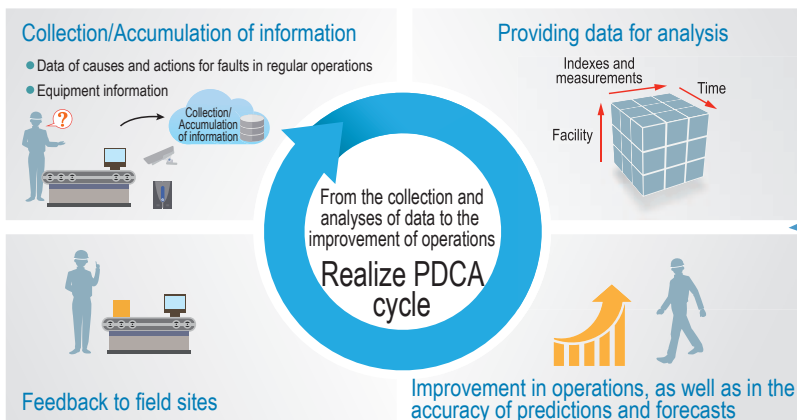
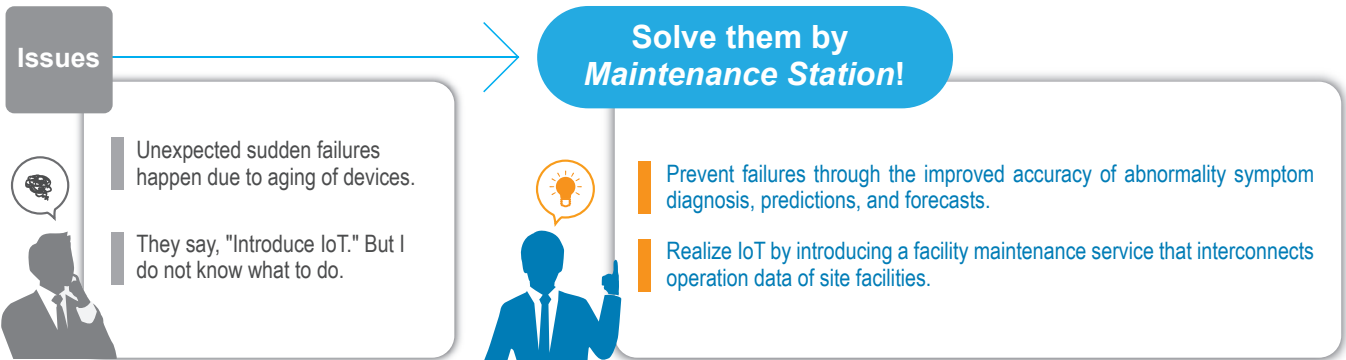


Deployment timeline



Simple start of IoT-enabled facility maintenance service

Maintenance Station helps you streamline the site operations using IoT.



Fuji Electric IoT solution Small, Quick Start & Spiral-up

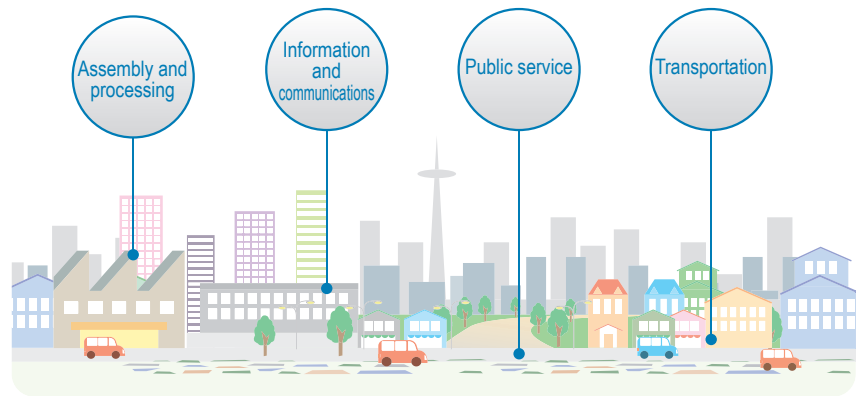
Combine and exploit different IoT data using BI and other tools to support the detection of abnormalities and symptoms, for which you have been relying on reports and human knowledge.

Realize an IoT-enabled facility maintenance service

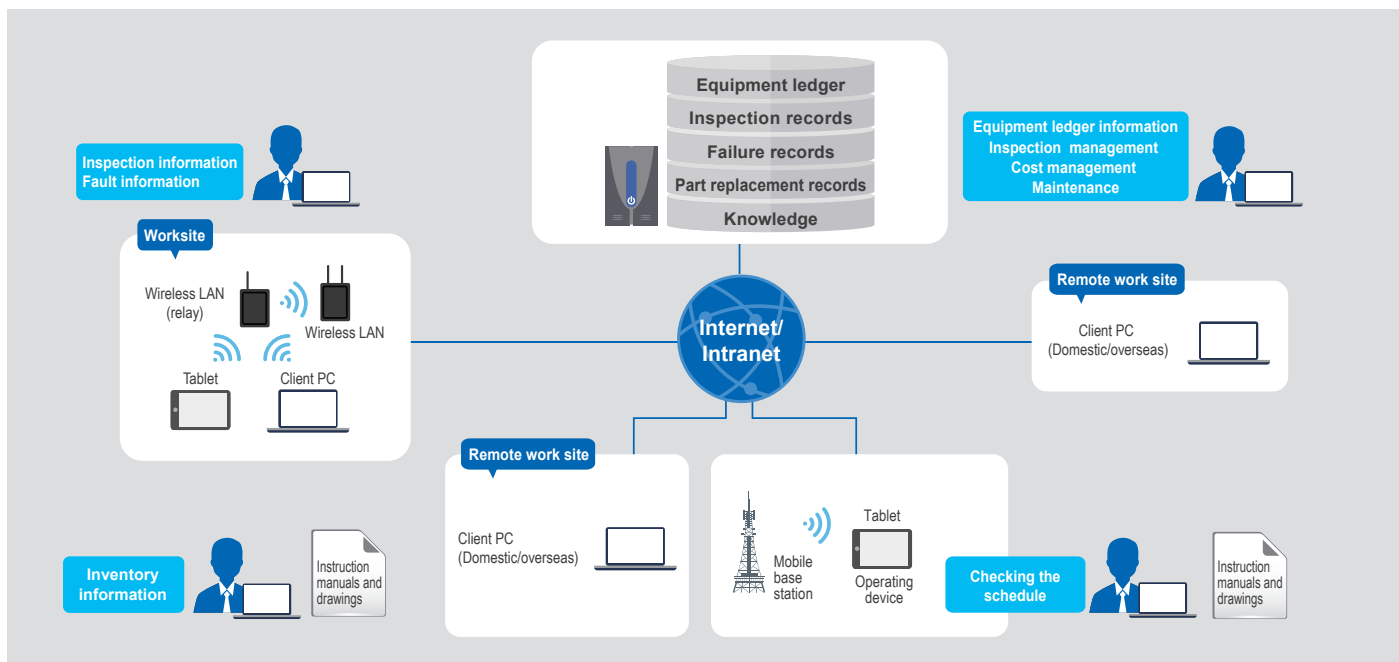
Installation records

Abundant installation cases and know-how of facility maintenance management

We will clarify the operation flow and make a system plan based on our experiences and know-how that we gained through the support of facility maintenance management for many companies.



System configuration



Operating environment

Servers	Operating environment
OS	<ul style="list-style-type: none"> • Microsoft Windows 2012 Server R2 • Microsoft Windows 7 / 8.1 / 10 • Red Hat Enterprise Linux
Application server	• Tomcat 8.0
Database	• PostgreSQL 9.X

Client	Operating environment
OS	• Microsoft Windows 7 / 8.1 / 10
Browser	• Microsoft Internet Explorer 11 (9, 10 can be used with a compatible display)

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