Find the benefits of data coordination.

MES interface module edition

An effective use of your database can solve your problems like these.

No need to keep going back and forth between your office and the factory

No need to be buried under a pile of log data files

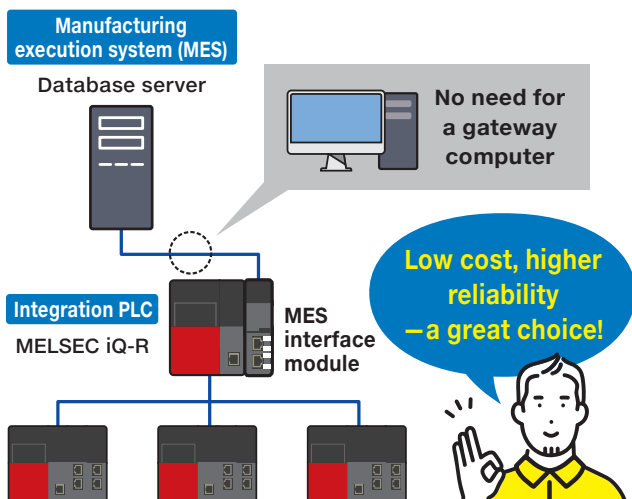**The MES interface module will help you coordinate your data.**

☑ No more changing into and out of clean room wear
☑ Faster traceability report preparation

Directly links your facility to the information system

The MES interface module provides direct linkage to the database server through program-free communication.
Collectively manage the data in databases, and freely process the data to create traceability documents and business forms.
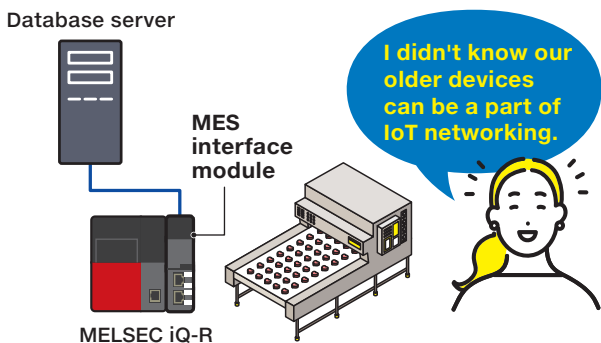
Direct linkage between manufacturing lines to databases

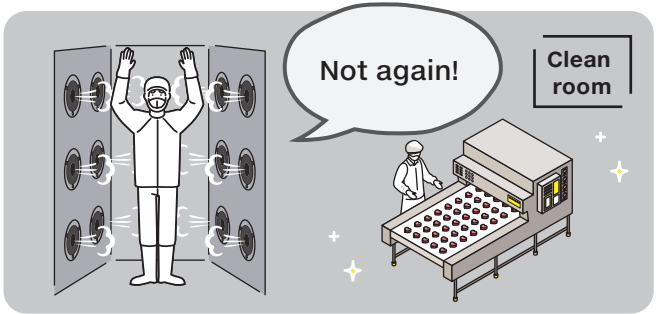No need for a gateway computer. Batch collect the assembly line data.

Manufacturing execution system (MES)

Database server

No need for a gateway computer

Integration PLC

MELSEC iQ-R

MES interface module

Low cost, higher reliability —a great choice!

Connectable to your devices in use

Not using the latest device? No problem. MES interface module can collect data from older devices.

Database server

MES interface module

I didn't know our older devices can be a part of IoT networking.

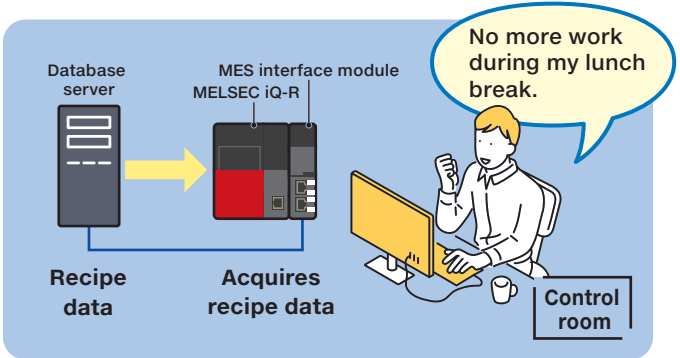MELSEC iQ-R

Improvement example ①

Mr. A at a food factory

Food manufacturing lines are in cleaning rooms to ensure stringent hygiene control. Changing into and out of clean room wear is a hustle.

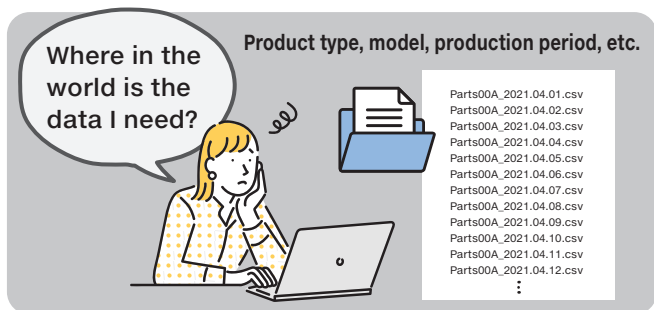**or** **Link information with the MES interface module.**

Send the commands for process changeover and recipe change from outside the clean room.
Leave your regular clothes on, and enjoy your lunch with the extra time you created.
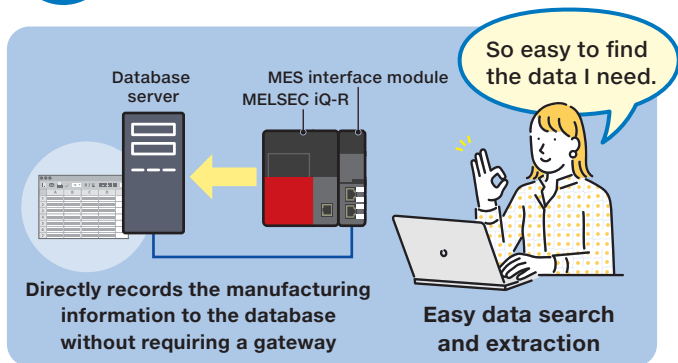
Improvement example ❷

Ms. B at an auto parts factory

Ms. B's company manufactures a variety of parts in large volume daily. Taking records is hard enough, but finding information from the vast amount of data is even harder.

Where in the world is the data I need?

Product type, model, production period, etc.

Parts00A_2021.04.01.csv
Parts00A_2021.04.02.csv
Parts00A_2021.04.03.csv
Parts00A_2021.04.04.csv
Parts00A_2021.04.05.csv
Parts00A_2021.04.06.csv
Parts00A_2021.04.07.csv
Parts00A_2021.04.08.csv
Parts00A_2021.04.09.csv
Parts00A_2021.04.10.csv
Parts00A_2021.04.11.csv
Parts00A_2021.04.12.csv

or **Easily trace data with the MES interface module.**

Database server

MES interface module
MELSEC iQ-R

So easy to find the data I need.

Directly records the manufacturing information to the database without requiring a gateway

Easy data search and extraction

Each database uses a single file to manage the data, making it so easy to find the data you want.
When preparing for a report, all you need is to search the database for the data you need.
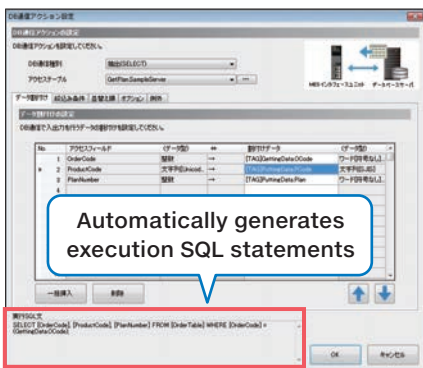
Still in two minds about it?
The MES interface module is so simple to use.

Database exchange generally requires the creation of SQL statements by IT specialist, and system configuration is often complicated.

No IT knowledge is required to build a system.

> I know nothing about IT.

Automatically generates execution SQL statements

Program-free. Generates execution SQL statements automatically.

> So easy!

Easy setting with clear explanations and figures

View the video on how to connect the MES interface module.

Mitsubishi Electric FA YouTube

Find out more about the new functions, and download manuals.

Mitsubishi Electric Global Factory Automation

Catalogs

Manuals*

* : A free FA member registration is required to view the manuals.

What would you do with the extra time created by using MES interface module?