



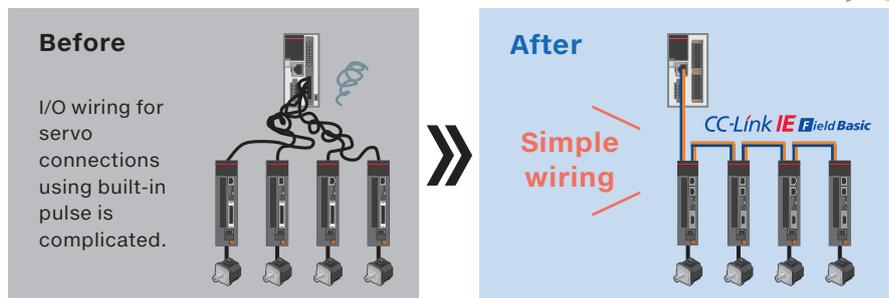
MELSEC iQ-F makes MITSUBISHI ELECTRIC SERVO SYSTEM MELSERVO-J5 even easier to use!

NEW MR-J5-G supports CC-Link IE Field Basic!

Point 1 Easy connection using Ethernet cables!

Simple!

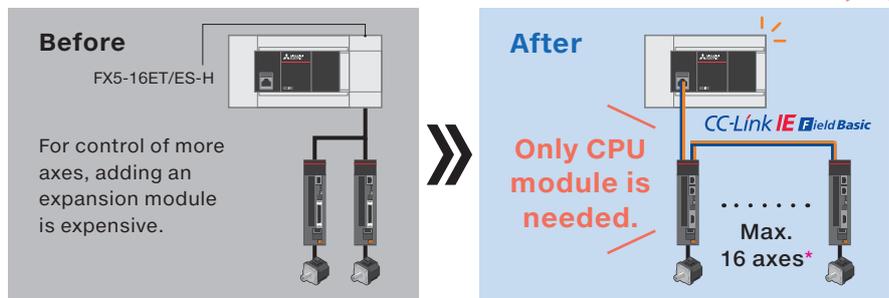
MELSEC iQ-F and MR-J5-G can be connected directly using their built-in Ethernet ports, eliminating troublesome wiring work and greatly reducing installation time.



Point 2 Multi-axis solutions at low cost

Low cost!

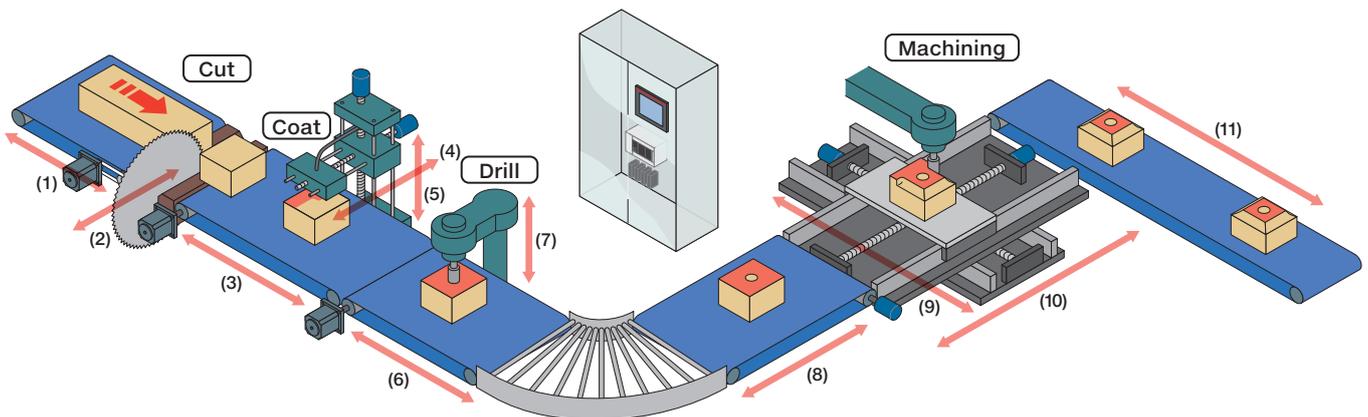
The CPU module itself can control up to 16 axes* without any additional modules. Multi-axis control can be achieved at low cost, making larger system designs possible.



*: Number of controllable axes for each CPU module
 - FX5UJ CPU module: 8 axes
 - FX5U/FX5UC CPU module: 16 axes

Example: When used for a wood processing system

A single MELSEC iQ-F can be used to control a multi-axis system like a transfer lane.





PLCopen® Motion Control FB specification compatible FBs reduce programming work.

*FB: Function Block

Connecting AC servos is easy to do, but



servo motor program design is complicated and difficult, so it takes a lot of time.

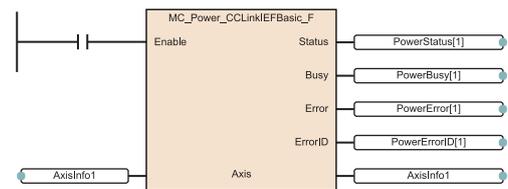


Using FBs is the solution.

13 kinds of PLCopen®-compliant FBs make servo control easy.

FBs are simple to use.
Just select the one you want.

PLCopen® Motion Control FB



Benefits

- Using FBs simplifies troublesome servo motor programming, greatly reducing design work.
- FBs comply with the international standard PLCopen®, improving design and system quality.
- Mitsubishi Electric's original FBs make programming even easier.

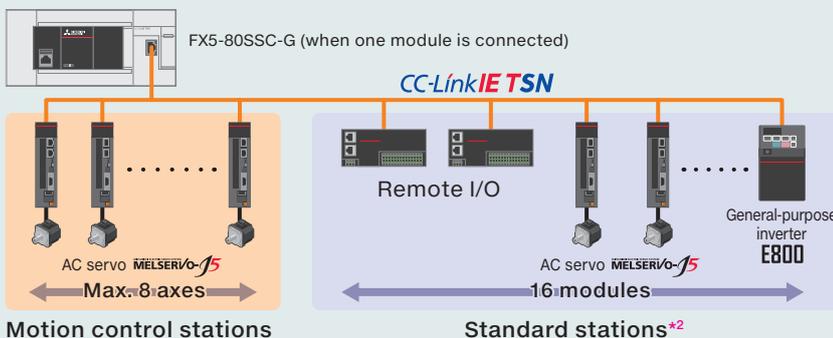
What is PLCopen®?

PLCopen® is an organization that conducts activities for the promotion of international programming standards, the development of vendor-independent standard function block specifications and their certification.

+one

Achieve high-speed and high-accuracy servo control using motion modules.

Adding FX5-80SSC-G*1 enables high-speed and high-accuracy servo-G control using TSN technology. With MELSEC iQ-F, system configuration according to the control level required by each application is possible.



Point

- By connecting up to four modules of FX5-80SSC-G, a total of 96 modules can be controlled: 32 axes for motion control stations and 64 modules for standard stations.
- For standard stations, in addition to servo amplifiers, remote I/O and inverters can be connected.
- Utilizing the projects of the simple motion modules reduces program development work.

*1: FX5U/FX5UC CPU modules are supported. FX5UJ CPU modules are to be supported in the future.
*2: Device stations other than motion control stations connected using CC-Link IE TSN.

MITSUBISHI ELECTRIC CORPORATION

Please contact your nearest Mitsubishi Electric representative for more information.

⚠ Safety Warning

To ensure proper use of the products in this document, please be sure to read the instruction manual prior to use.

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