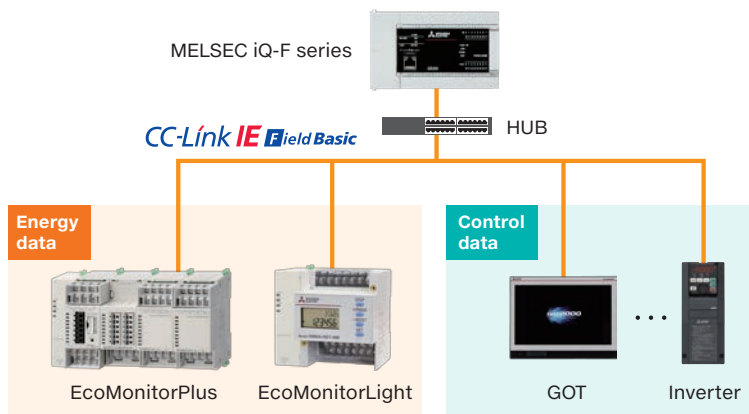




EcoMonitor × MELSEC iQ-F series

EcoMonitor and the PLC can be easily connected by using CC-Link IE Field Network Basic communication!

Complicated wiring and network management can be simplified!
With a network common to FA equipment (CC-Link IE Field Network Basic communication), a dedicated network is not required for energy data collection.



Max. 16 modules

By integrating into a single network...

- Wiring becomes simple.
- Maintenance of the network becomes easy*.

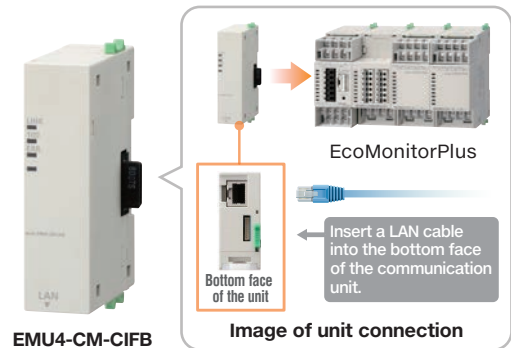
*: When you use multiple networks, it is necessary to maintain each network.



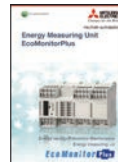
For energy measuring unit (EcoMonitorPlus/Light)

CC-Link IE Field Network Basic communication unit

- Extension to EcoMonitorPlus/Light is possible.
- Network setting can be performed by GX Works3.



For details, refer to the following catalogs. /



Energy Measuring Unit EcoMonitorPlus Y-0753



Energy Measuring Unit EcoMonitorLight Y-0737

Ver. 1.110

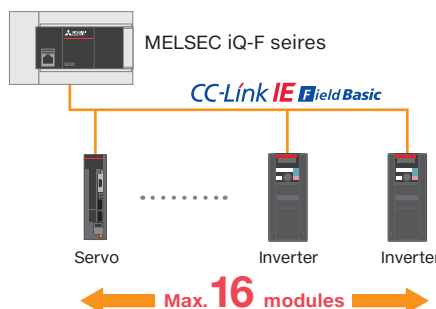
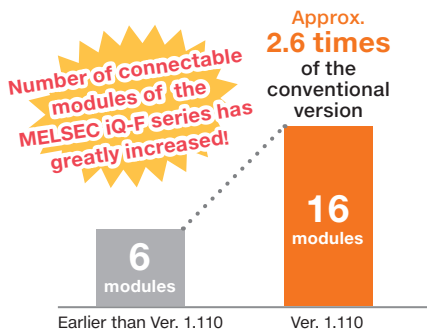
Ver. 1.050C

MELSEC iQ-F series × GX Works3

By upgrading the version, the MELSEC iQ-F series becomes easier to use!

NEW 1 Expansion of the number of modules for CC-Link IE Field Network Basic

By expanding the number of connectable modules from the conventional version of 6 to 16, the usability has improved. Because the remote I/O stations connected by CC-Link IE Field Network Basic are not included in the sum of remote I/O points, the user can expand modules without worrying about the remote I/O points. For details, refer to the CC-Link IE Field Network Basic Reference Manual.



Maximum number of link points per network

RX, RY **384 points** → **1024 points**

RW, RWw **192 points** → **512 points**

Number of link points of the MELSEC iQ-F series has also greatly increased!



NEW 2 Simple CPU communication function

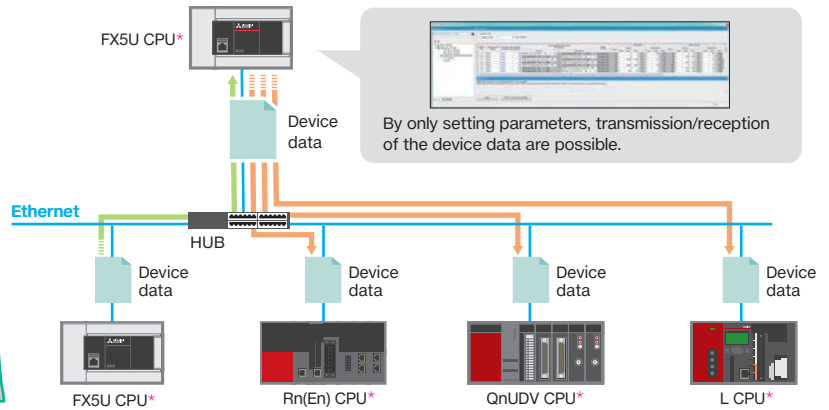
Ver. 1.110 Ver. 1.050C
MELSEC iQ-F x GX Works3

Through simple settings with GX Works3, the device data such as the production data can be transferred without program. For details, refer to the MELSEC iQ-F FX5 User's Manual (Ethernet Communication).

The communication with the existing system which uses MELSEC iQ-R series, Q series, and L series can be easily performed!



*: The built-in Ethernet function



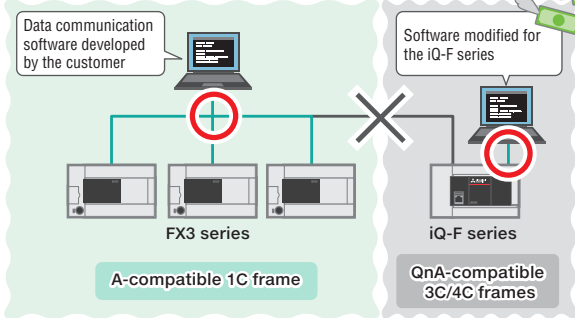
NEW 3 A-compatible 1C frame of the MC protocol is supported. MELSEC iQ-F x GX Works3

Ver. 1.110 Ver. 1.050C

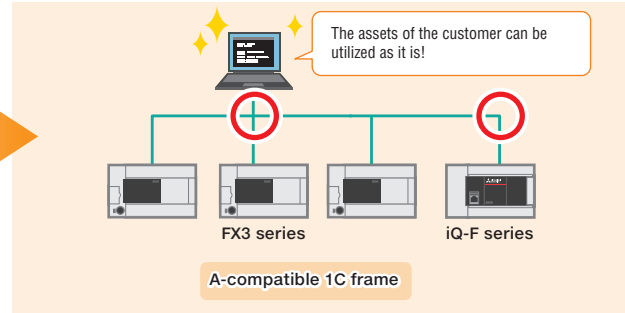
In addition to QnA-compatible 3C/4C frames, A-compatible 1C frame is newly supported. This enables the customer to utilize data communication software for the FX3 or MELSEC-A series programmable controllers. For details, refer to the MELSEC iQ-F FX5 User's Manual (MELSEC Communication Protocol) and (Serial Communication).

e.g. When using the FX3 series and iQ-F together

Earlier than Ver. 1.110



Ver. 1.110



Software for the iQ-F series was required separately because the software used in the FX3 series was not supported...
→It cost money and took time to modify the software!



The systems can be monitored in a batch!
Because the data communication software developed by the customer can be utilized as it is.
Please look into replacement to the iQ-F series!

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.

Registration

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• All other company names and product names used in this document are trademarks or registered trademarks of their respective companies.