



From power to control - across all industries,
every step of automation supported by Mitsubishi Electric & EPLAN

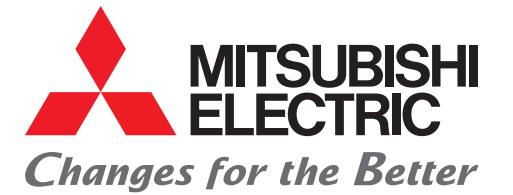


e-F@ctory is Mitsubishi Electric's integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations.

Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as the CC-Link Partner Association (CLPA), users can build comprehensive solutions based on a wide ranging "best in class" principle.

In summary, e-F@ctory Alliance delivers best in class solutions to the customers for achieving integrated manufacturing while retaining the ability to choose the most optimal suppliers and solutions.

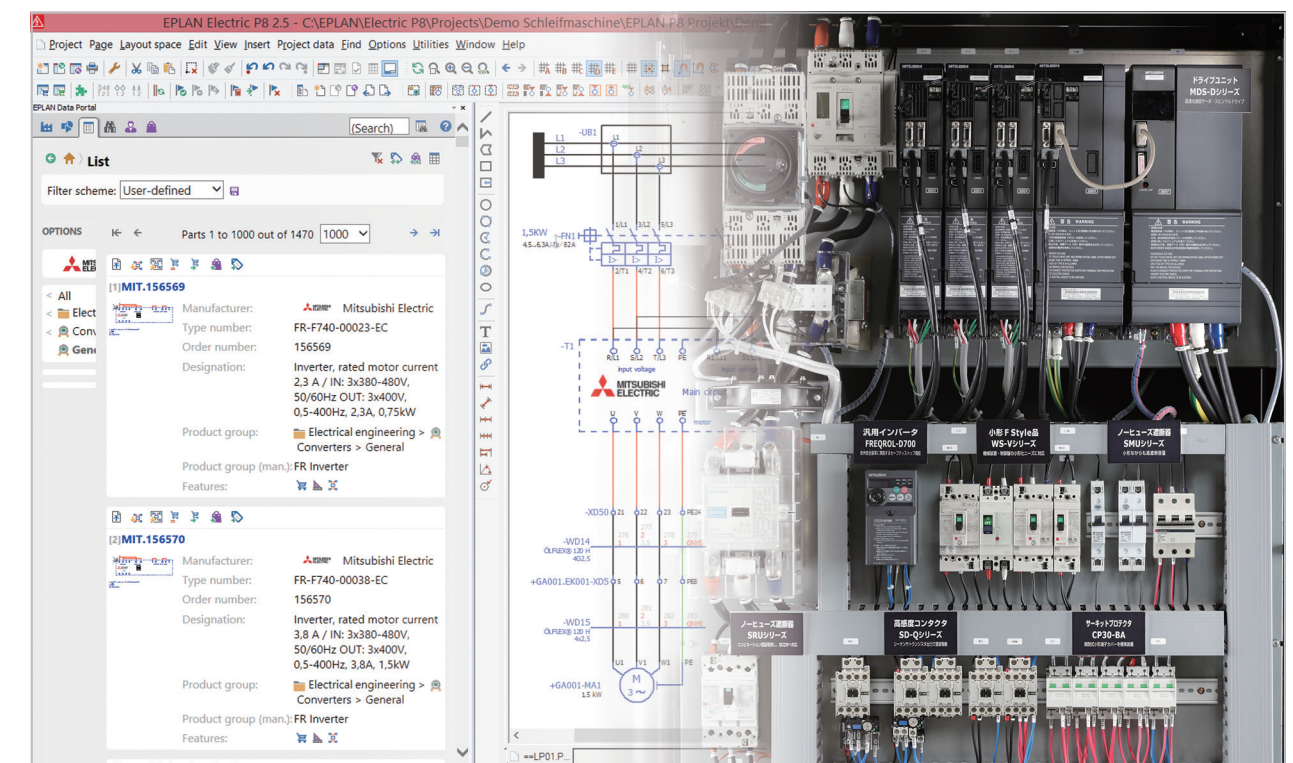
For more information please visit
www.eplan.de
www.mitsubishielectric.com/fa
www.e-factory-alliance.com



FACTORY AUTOMATION

FROM DESIGN TO DELIVERY

Reduce system design time to enable faster time to market



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- Integrated design tool
- Shorter system design time
- Engineering data consistency
- Central access to device data
- Future designs made easy

ENGINEERING DATA AT YOUR FINGERTIPS



System design challenges

As customer requirements grow ever more demanding, plant & machinery becomes more complex, machine builders and systems integrators face the challenge of developing & delivering machines & systems in shorter time frames.

The key for delivering superior systems on time and within budget lies in closing the gap between the initial concept all the way through to programming & commissioning.

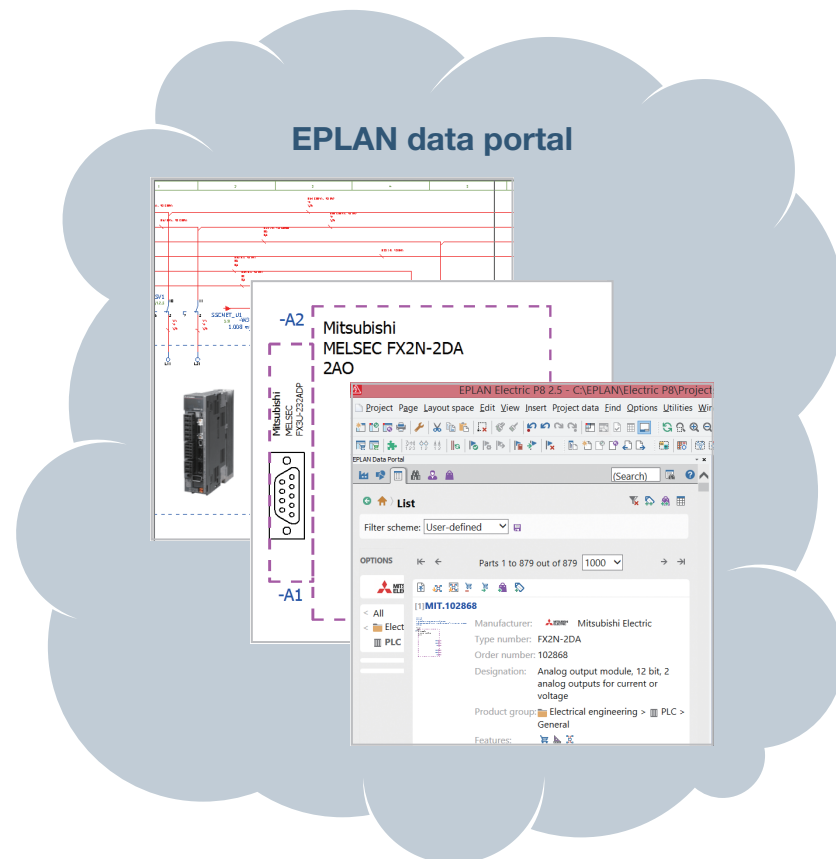
Mitsubishi Electric & EPLAN work together as e-F@ctory Alliance partners to deliver solutions

Integrated design tool

With the new integrated design tools delivered by Mitsubishi Electric iQ Works and EPLAN, engineers across all disciplines and during all phases of the design process benefit from the consistent implementation of functional engineering.

Shorter system design time

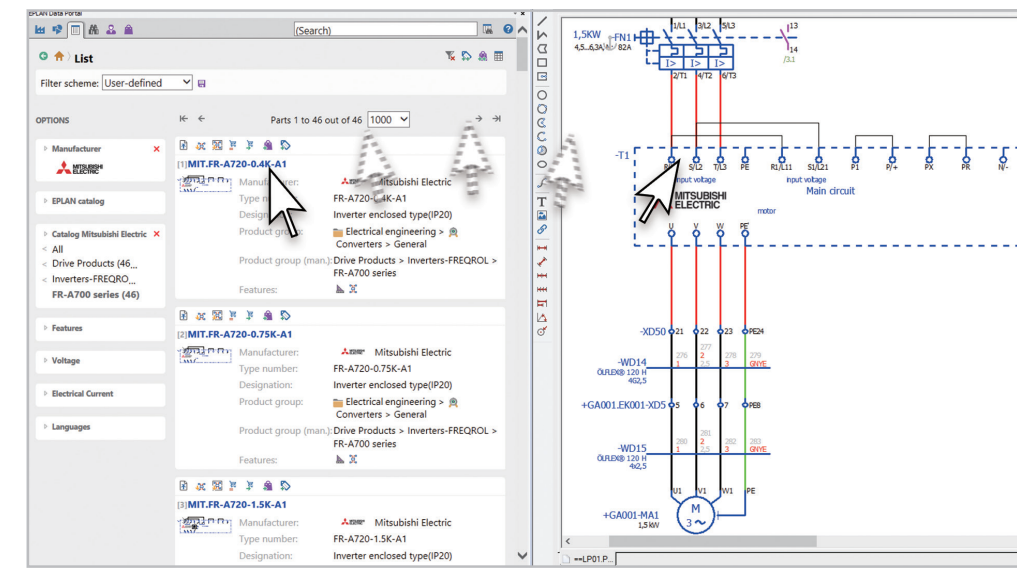
By including electronic data, schematic templates and CAD drawings for Mitsubishi Electric FA products within the EPLAN Data Portal, engineers are assured of vastly reduced system development times by speeding up component selection & configuration.



Easy access on EPLAN data portal with more than 3000 Mitsubishi Electric FA products available online.

Engineering data consistency

EPLAN platform breaks new ground in the complete design process from preplanning all the way to the detail engineering phase of a system. Users can pull electrical wiring data for Mitsubishi Electric FA products directly into their designs. This enables more intelligent planning, reduced mounting layout errors, simple wiring & absolute data consistency through all the development phases.



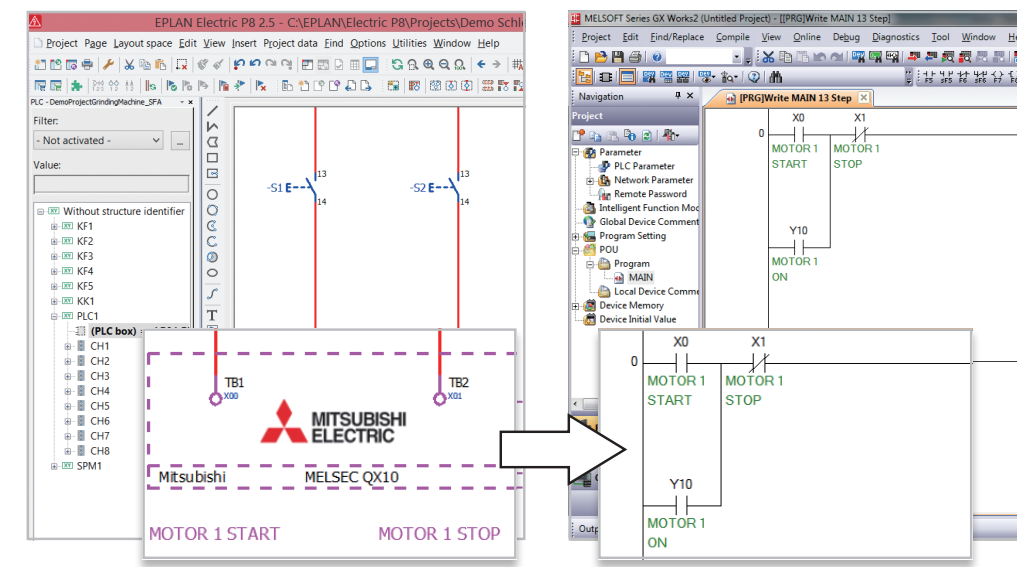
Drag and drop easily

Central access to device data

Access to product data within EPLAN eliminates the need for users to create their own master data and further removes the need to spend time going through complex product catalogues. It gives users centralized and global access to tested, certified and up-to-date device data. Just drag and drop.

Future designs made easy

Integration between iQ Works (GX-Works 2) and EPLAN enables engineers to import PLC data generated within EPLAN directly into iQ Works where system configuration and programming can be carried out. Once in iQ Works, developers have the freedom to choose between five different programming languages conforming to IEC 61131-3 standards. Parts of projects can be saved in libraries for future applications, meaning that once a FB or program is written, tested and proven, it can be integrated into new systems within minutes. Thus, future designs are simplified.



Exchange of EPLAN function text with iQ works label