

## **Faster time to market**

**Consistent data exchange between electrical wiring and control software through AutomationML**

**Ratingen, Germany, 27<sup>th</sup> of February 2018**

**Mitsubishi Electric has implemented the AutomationML interface within iQ Works, the integrated software suite for programming Mitsubishi Electric automation products. AutomationML represents an important step-change in the way complex equipment is designed, installed and maintained. Designers, integrators and end users will all benefit from a streamlined approach to system implementation that will drive down costs and shorten time to market. The ability to ensure a seamless flow of information between different systems is also a key driver in the digital transformation of manufacturing on the journey to Industry 4.0.**

Consistency of information throughout the engineering, integration, maintenance and ongoing lifecycle management phases of a project improve quality and reduce costs. Frequently, the exchange of information between various engineering disciplines is carried out manually, which is both time consuming and introduces the possibility of errors.

Implementing a universal interface for the automatic exchange of data between software environments ensures consistency of information throughout the lifecycle of a project and fulfils today's requirements to shorten time to market.

As an example, with an integrated AutomationML interface in Mitsubishi Electric's iQ Works software suite, data can be seamlessly exchanged bidirectionally with

ECAD tools that also have an AutomationML interface. The implementation has been built on the AutomationML document “Application Recommendations: Automation Project Configuration.”

Showing this in practice, Mitsubishi Electric has worked with e-F@ctory Alliance partner Eplan to implement data exchange of hardware configurations, I/O tags and network configurations between iQ Works and Eplan Electric P8 using the open standard. This interface ensures interoperability all the way from first design, through engineering processes and commissioning and on through the whole lifecycle management of the automation system.

Mitsubishi Electric is one of the first automation solution providers that has implemented the AutomationML interface with ECAD tools in a commercial product. Furthermore, as an active member of the AutomationML Association, Mitsubishi Electric is contributing to the further development of this open data format.

**Note:**

See how Mitsubishi Electric is able to respond to today’s automation demands:  
[eu3a.mitsubishielectric.com/fa/en/solutions](https://eu3a.mitsubishielectric.com/fa/en/solutions)

**Image caption:**



**Image:** For a faster time to market, Mitsubishi Electric has adopted the AutomationML interface to allow the seamless, bidirectional flow of data between iQ Works and other software tools supporting it.

[Source: Mitsubishi Electric Europe B.V., Getty Images]

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## **About Mitsubishi Electric**

With over 95 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognised world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, as well as in products for the energy sector, transportation and building equipment.

With around 138,700 employees the company recorded consolidated group sales of Yen 4,238.6 billion (\$ 37.8 billion\*) in the fiscal year that ended on March 31, 2017.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

## **Factory Automation – European Business Group**

Mitsubishi Electric Europe B.V., Factory Automation - European Business Group (FA-EBG) has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of FA-EBG is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

*\*Exchange rate 112 Yen = 1 US Dollars, last updated 31.03.2017 (Source: Tokyo Foreign Exchange Market)*

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