

## **Mitsubishi Electric Develops IoT Factory Controller for Future Factories**

**Ratingen, Germany 26<sup>th</sup> of March, 2015**

*Collects factory data using IoT technology and collaborates with cloud*

**Mitsubishi Electric Corporation (TOKYO: 6503) announces its Internet of Things (IoT) Factory Controller to connect e-F@ctory, the company's factory automation (FA) solution, with the cloud for the emerging IoT ecosystem. IoT Factory Controller is now being verified in test operation, with commercialization targeted at April 2016.**

Mitsubishi Electric's e-F@ctory solution makes factories truly visible by using advanced technologies to directly interconnect shop-floor data. Plant operators can analyze and visualize the data with graphs to achieve greater productivity and quality.

Factories are expected to become increasingly interconnected via the cloud for advanced production management, while the e-F@ctory solution offers real-time capability, security and high reliability for manufacturing execution and quality management systems on a non-cloud basis.

IoT Factory Controller, however, will be integrated into e-F@ctory to enable real-time connection between the shop floor and the cloud. It will also provide robust security to protect the system from wire tapping, data manipulation, unauthorized access and other cyber attacks.

Predictive maintenance and diagnostics utilizing massive amounts of data are expected to become an important part of future manufacturing operations. Increased data from sensors on production lines, etc. will raise the need for expanded data-processing capacity in factories. IoT Factory Controller is designed to flexibly expand data-processing capability thanks to its scalable structure.

In some cases, access control is required to establish a cloud connection to multiple manufacturers' equipment. Mitsubishi Electric's new IoT Factory Controller enables access to specific floor machines pre-registered by maintenance operators.

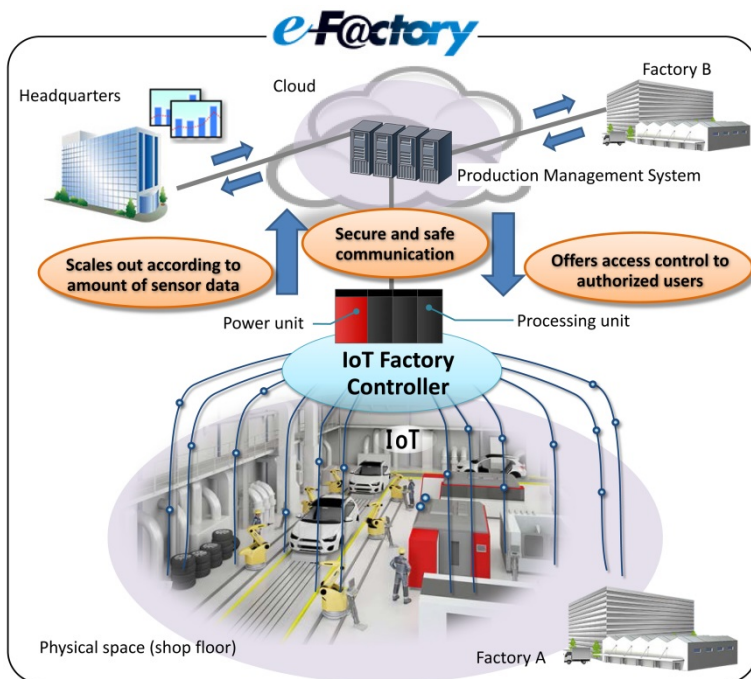
### **Trademarks**

Mitsubishi Electric Corporation has registered e-F@ctory as a trademark in Japan and other countries.

### **Patents**

Pending patents for the technology announced in this news release number 13 in Japan and 11 abroad.

First released in Japan on 17th of February 2015



**Image caption:** Mitsubishi Electric Corporation announces its Internet of Things (IoT) Factory Controller to connect e-F@ctory, the company's factory automation (FA) solution, with the cloud for the emerging IoT ecosystem.

[Source: Mitsubishi Electric Corporation]

**Note to Editor:** if you would like the text in another language please contact Nicola Bigmore at DMA Europa – [nicola@dmaeuropa.com](mailto:nicola@dmaeuropa.com).

### About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized 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, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,054.3

billion yen (US\$ 39.3 billion\*) in the fiscal year ended March 31, 2014. For more information visit <http://www.MitsubishiElectric.com>

*\*At an exchange rate of 103 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2014*

## **About Mitsubishi Electric**

With over 90 years of experience in providing reliable, high-quality products to both corporate clients and general consumers all over the world, Mitsubishi Electric Corporation is a recognized 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, water and waste water, transportation and building equipment.

With around 124.000 employees the company recorded consolidated group sales of 39,3 billion US Dollar\* in the fiscal year ended March 31, 2014.

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

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 103 Yen = 1 US Dollar, Stand 31.3.2014 (Source: Tokyo Foreign Exchange Market)*

## **Further Information:**

Website: [eu3a.mitsubishielectric.com/fa](http://eu3a.mitsubishielectric.com/fa)

YouTube: <http://www.youtube.com/user/MitsubishiFAEU>

Twitter: <https://twitter.com/MitsubishiFAEU>

## **Press contact:**

**Mitsubishi Electric Europe B.V.**

Factory Automation European Business Group

**Monika Torkel**

Marketing Communications Coordinator

Gothaer Str. 8

40880 Ratingen, Germany

Tel.: +49 (0)2102 486-2150

Fax: +49 (0)2102 486-7170

[Monika.Torkel@meg.mee.com](mailto:Monika.Torkel@meg.mee.com)

**PR agency:**

**DMA Europa Ltd.**

**Mr. Roland Renshaw**

Europa Building, Arthur Drive, Hoo Farm Industrial

Estate, Kidderminster, Worcestershire, UK

Tel.: +44 (0)1562 751436

Fax: +44 (0)1562 748315

[roland@dmaeuropa.com](mailto:roland@dmaeuropa.com)

[www.dmaeuropa.com](http://www.dmaeuropa.com)