

Mitsubishi Electric delivers solutions for digital transformation at EMO 2017

Ratingen, Germany, 21st August 2017

At the EMO exhibition in Hannover, visitors to Mitsubishi Electric's stands can experience how to benefit from ongoing digitalisation at a manufacturing level. The theme "e-F@ctory – pushing business further" covers a wide range of technologies aligned to current challenges in the machine building sector.

All exhibits will show how connected production can be achieved using the e-F@ctory concept which enables various product technologies to be easily integrated into an IoT-based surrounding.

In terms of control, the CNC M800 and the C80 series provide flexible expandability when it comes integration into different machine tool types. Furthermore, the new C80 CNC series features a separate MES interface module which transmits data for further processing to ERP and business management levels. This can be realized by the MELSEC iQ-R PLC Series platform which provides users with more flexibility for the integration of different control unit types such as the Mitsubishi Electric C Controller or Robot Controller.

Edge computing technology plays an important role by pre-processing data to enable transfer to the cloud. One exhibit includes human interaction with a Mitsubishi Electric robot to demonstrate a smart predictive maintenance system. Using Augmented Reality glasses and the Watson AI Platform in the IBM Cloud visitors can visualize virtual robot components live in order to improve preventative

maintenance practices. In addition to this, the robot can be operated by voice control.

Another live demonstration of a smart service Human Orientated Monitoring and Training project undertaken with the Fraunhofer Institute (IPT) will show how the modern machine operator can interact and learn more quickly using connected technology. Smart glasses and tablets are employed to interact with a CNC machine via Mitsubishi Electric's latest CNC controller.

Visitors can experience Mitsubishi Electric's e-F@ctory concept of connected production systems, from the latest CNC controllers to PLCs, Robots and EDM machines at hall 13 / stand C85 and hall 25 / stand B94.

Note:

Learn more about Mitsubishi Electric's presence at EMO:

eu3a.mitsubishielectric.com/emo2017

See how Mitsubishi Electric is able to respond to today's automation demands:

eu3a.mitsubishielectric.com/fa/en/solutions

Image captions:



Image 1: Visitors to Mitsubishi Electric's stands, with the theme "e-F@ctory - pushing business further", can experience how to benefit from ongoing digitalisation on a manufacturing level.

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



Images 2-4: All exhibits on Mitsubishi Electric's stands will show how connected production can be achieved using the e-F@ctory concept which enables various product technologies to be easily integrated into an IoT- based surrounding.

[Source: Mitsubishi Electric Europe B.V.]

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Note to Editor: if you would like the text in another language please contact Philip Howe at DMA Europa – philip@dmaeuropa.com.

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)*

Further Information:

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