

# PRESS RELEASE

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## Mitsubishi Electric content preview for D&C Show 2016

**Mitsubishi Electric will be demonstrating the advantages of fully integrated automation on Stands D544 and its robots on D982 at the Drives & Controls Exhibition (NEC, Birmingham, 12-14 April 2016).**

Visitors will be able to see new PLCs and new variable speed drives on display for the first time in the UK, alongside a comprehensive range of robots, servos, HMIs, networking options and safety solutions.

“Fully integrated automation and robotic solutions can offer significant quality and productivity benefits,” says Chris Evans, Marketing and Operations Group Manager at Mitsubishi Electric – Automation Systems Division UK. “Our displays at the Drives & Controls Show are designed to demonstrate both the capabilities of individual automation components and the extra benefits that accrue when they are integrated into larger systems.”

Displays on the Mitsubishi Electric stand will showcase the company's traditional automation solutions such as PLCs, drives, HMIs, servos and robots, as well as low

voltage switchgear and CNC systems. It will identify opportunities for improved plant control in specific industries such as food and beverage processing, power generation, life sciences, water supply, packaging and materials handling.

“Providing a live demonstration of how all of these technologies integrate and work together will allow production engineers and their senior managers to get the clearest possible ideas of what they can achieve with their own plants,” says Evans.

Mitsubishi Electric will also demonstrate its next generation control technology with two new ranges of PLC, the iQ-F and the iQ-R. Both of these connect seamlessly with the company's other iQ controllers.

The iQ-R is a powerful PAC (programmable automation controller) platform that offers class-leading performance, increased security, enhanced safety, reliable operation and reduced downtime.

The iQ-F series builds on the legacy of the market-leading FX series of compact PLCs, a product range that has helped put Mitsubishi Electric in the number one spot for global production figures. The first model in the iQ-F series is the FX5U, which combines high standard functionality with a huge range of further options. Ethernet, analogue I/O, data logging, position control, security, communications and networking functions are all standard.

Alongside the new PLCs will be a new variable speed drive, the FR-F800, which is designed to excel in pump and fan applications, delivering superior performance and energy efficiency. This is the latest addition to the FR-800 range of drives, all of which are able to provide maximum output and performance, enhanced efficiency, reliability and safety.

To demonstrate easy integration the Mitsubishi Electric stand will show seamless connectivity provided by open



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CC-Link and CC-Link IE networks. These can enable rapid data exchange at up to 1GB/s between controllers.

Related to the networking capability Mitsubishi Electric will also demonstrate integrated safety. All of the company's automation products come with safety solutions on-board that allow quick and easy implementation of distributed safety systems. This technology means that safety control is fully integrated with machine and production control. Further, visualisation of safety specific events can be achieved by a comprehensive range of HMIs.

Evans sums up: "Now, more than ever, automation is about the integration of systems and sub-systems. Our latest generation of technologies takes seamless interconnectivity to a new level. Further, their high level of capabilities means they are designed to handle communications over the web and the 'big data' demands that are now becoming so important."

## **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, Industrial Automation – UK Branch is located in Hatfield, United Kingdom. It is a part of the European Factory Automation Business Group based in Ratingen, Germany which in turn is part

of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of Industrial Automation – UK Branch is to manage sales, service and support across its network of local branches and distributors throughout United Kingdom.

## **Further Information:**

**Website:** [gb3a.mitsubishielectric.com/](http://gb3a.mitsubishielectric.com/)

**Website:** [www.mitsubishielectric.com/](http://www.mitsubishielectric.com/)

**Email:** [automation@meuk.mee.com](mailto:automation@meuk.mee.com)

**Facebook:** [www.facebook.com/MEUKAutomation](http://www.facebook.com/MEUKAutomation)

**Twitter:** [twitter.com/MEUKAutomation](http://twitter.com/MEUKAutomation)

**YouTube:** [youtube.com/user/MitsubishiFAEU](http://youtube.com/user/MitsubishiFAEU)

## **Editor Contact**

DMA Europa Ltd: Bob Dobson

Tel: +44 (0)1798 861677

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

Email: [bob@bobdobson.com](mailto:bob@bobdobson.com)

## **Reader Contact**

Mitsubishi Electric Europe B.V. Automation Systems  
Division: Chris Evans, Marketing & Operations Group  
Manager

Tel: +44 (0) 1707 288769

Fax: +44 (0) 1707 278695

Web: [gb3a.mitsubishielectric.com/](http://gb3a.mitsubishielectric.com/)

Email: [automation@meuk.mee.com](mailto:automation@meuk.mee.com)

