

# PRESS RELEASE

23/07/2015



## New simple, robust and cost-effective distributed control system for smaller plants

**Mitsubishi Electric and ME-Automation Projects, part of the Mitsubishi Electric Group, will launch a new distributed control system, the PMSX@micro, at the RWM exhibition this year. The new system is designed specifically for smaller scale applications. PMSX@micro runs on a single industrial computer and delivers proven control technology in an inexpensive and easily engineered package.**

PMSX@micro will be available in two formats: a conventional tower PC with a separate 22-inch monitor, or a panel PC with an integrated 21.5 inch full HD display. The system displays a status overview of the entire plant using process graphics, and provides a graphical interface for operators to interrogate details of the system state and make alterations to parameters as required.

PMSX@micro has a comprehensive integrated alarm and event system. When alarms occur, the operator can navigate directly to the relevant process graphic, allowing a rapid and appropriate response to production events. The system also records events and messages securely and in the correct sequence in a database, allowing process flows to be traced in the event of production

problems or following changes to the plant. Operators can add annotations or comments to events, which are also retained for subsequent analysis. The system includes built in maintenance functions, as well as a wide range of analysis options to help operators understand process data and improve plant performance. PMSX@micro has been developed for machines, processes and plants that could benefit from the functionality of a distributed control system but where the cost and complexity of a full-scale system has been difficult to justify in the past. The system is suitable for applications with around 1,000 analogue or digital inputs and outputs across three to five separate automation stations. It is also deployable in applications that currently use Mitsubishi Electric controls and where additional control engineering functions are required.

Engineering and system changes to PMSX@micro are made using a separate engineering environment, running on a Windows laptop. A licence for the engineering system is only required during initial system engineering or subsequent changes, making PMSX@micro a particularly cost effective solution for plant operators. Because PMSX@micro runs on Mitsubishi Electric and ME-Automation Project's robust and proven PMSX distributed control platform, expanding to a larger scale system is straightforward, should this be required.

### 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



# PRESS RELEASE

23/07/2015



equipment.

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

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/)

