

Regenerative energy, reduction of energy peaks and innovative products – the highlights at SPS IPC Drives

Dublin 20th November 2014

Visitors to the Mitsubishi Electric stand 380 in hall 7 at this year's SPS IPC Drives can expect to see a range of innovative factory automation products based on Industry 4.0. The highlights will include the Energy Assist Unit, the MR-J4-TM servo controller and the new GS series HMIs.

The new Energy Assist Unit is a comprehensive and effective, intelligent solution for feeding regenerative energy from servomotors back into the system. Energy peaks can be reduced significantly by making the regenerative energy usable within the machine. The solution is particularly suitable for systems with a high energy consumption of more than 30 kilowatts.

Mitsubishi Electric will also be enabling its servo technology to be used with third-party control system and network technologies for the first time. The new MR-J4-TM servo controller can be combined with Anybus plug-in cards from e-F@ctory Alliance partner HMS Industrial Networks, enabling Mitsubishi Electric servo technology to be connected to open networks. The HMS plug-in card ensures the compatibility required so that machine builders will be able to use all the benefits of the highly compact, powerful technology from Japan at any time.

Another highlight on the stand will be the particularly cost-effective GS series, a new HMI class that Mitsubishi Electric will be presenting for the first time. The new GS series offers a simple and flexible entry-level option for newcomers to the world of machine visualisation. Besides all the standard basic functions, it also includes additional ones such as data logging, FA transparent and operator authentication.

Other innovative products on the stand will include the GOT2000 series which has been

expanded with the addition of the new GT25 models and a 15-inch variant of the high-end GT27 series, the cost-effective MAPS HMI standalone solution for machine and plant visualisation and an optimised packaging solution which enables packaging applications to be set up very quickly and easily.

Photo caption:



Photo 1: At SPS IPC Drives 2014, Mitsubishi Electric will be presenting innovative factory automation products based on Industry 4.0, including the Energy Assist Unit, the MR-J4-TM servo controller and the new GS series HMIs.

[Source: Mitsubishi Electric Europe B.V.].

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 – Irish Branch is located in Dublin, Ireland. 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 – Irish Branch is to manage sales, service and support across its network of local distributors throughout Ireland.

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

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