

SPS IPC Drives 2013 (Hall 7, Stand 380)

## **New GOT2000 series: HMIs with multi-touch function and gesture control**

**Nuremberg/Ratingen, 26 November 2013**

**Improved user-friendliness, expanded functionalities, high cost-efficiency and optimum integration in Mitsubishi Electric's Automation portfolio – these are the features of the new GOT2000 HMI series that Mitsubishi Electric will be presenting at this year's SPS IPC Drives in Nuremberg from 26th to 28th November 2013 (Hall 7, Stand 380). The successor to the tried and tested GOT1000 HMI range will increase plant productivity and energy efficiency and reduce total operating costs. In particular, the models from the GT27 series which are the successors to the GT16 range are characterised by an intuitive operating concept with multi-touch function and gesture control. The HMIs from the GT23 series offer a balanced price/performance ratio. Mitsubishi Electric is now offering models without a USB connection on the white front panel for the first time in direct response to requirements from the food industry.**

The fully updated GOT2000 series hardware and software have been designed based on current customer requirements. Improved basic functions enable a higher level of performance and plant efficiency to be achieved. The new faster processor in the GT27 operating panels gives them twice the monitoring and boot speed of the GT16 series. There is also four times more internal storage capacity. The new HMIs have an intuitive operating concept with multi-touch function and gesture control. Users can even enlarge windows for easier operation or press two

buttons at the same time while wearing gloves, for example.

Mitsubishi Electric has also expanded the range of communication options offered by its new GOT2000 series. Along with Ethernet, two serial interfaces (RS232 and RS22/485) and the SD card slot, USB connections on the front or back allow greater flexibility and additional functionality provided includes the backup and restore function for parameters and programs. An optional WLAN interface enables the HMI to be accessed remotely via PCs and tablets. Just like their predecessors, the GOT2000 operating panels are also equipped with the special FA transparency function, enabling PCs connected via the HMI to establish a direct link to Mitsubishi Electric Factory Automation (FA) devices such as PLCs, frequency inverters or servo motors.

To start with, the GT27 range of HMIs will include 8.4-, 10.4- and 12.1-inch high-resolution displays with 65,536 colours while the GT23 operating devices will be available in 8.4- and 10.4-inch models. Screen design can be carried out using the latest GT Works3 software which also forms part of the iQ Works integrated development environment. The work involved in screen design can be reduced considerably by using the ready-made templates provided in GT Works3.

Andre Hartkopf, European Product Manager HMI / PLC / Software at Mitsubishi Electric Europe's Factory Automation – European Business Group, explains: "The plug-and-play system of the GOT2000 series provides compatibility with all Mitsubishi Electric automation products and the PLC parameterisation via HMI ensures optimized integration. These functionalities give users maximum flexibility in plant design while reducing engineering development costs at the same time. The GOT2000 series is also backward compatible: the dimensions of the models are identical to their predecessors and existing GOT1000 project data can be transferred to the new HMIs quite easily. All these feature

support significant cost savings and a user-friendly migration.”

## Photo caption



**Picture 1:** The features of the new Mitsubishi Electric GOT2000 operating devices include improved user-friendliness, expanded functionalities, high cost-efficiency and optimum integration in the Mitsubishi Electric Automation portfolio.

### **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 121.000 employees the company recorded consolidated group sales of 29,5 billion Euro\* in the fiscal year ended March 31, 2013. 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 120,69 Yen = 1 Euro, Stand 31.3.2013 (Source: Deutsche Bundesbank)*

**Further Information:**

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