

Mitsubishi Electric HMIs provide a transparent link between automation components and PCs

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Complex production lines and installations can often see key components located at different ends of a machine, in different rooms, or even on different floors. But in such a decentralised system it is very difficult to debug a PLC program during commissioning or after an upgrade or modification without being able to watch the machinery in operation. The result is extended debugging time or the need for two or more personnel to coordinate their efforts. The GOT1000 series of HMIs from Mitsubishi Electric eliminates these problems, however, through a special FA transparent function that enables a PC connected to the HMI to link directly through to other Mitsubishi Electric FA (Factory Automation) products, including PLCs, inverters and servo drives.

Now, wherever these components are on the production line, engineers can form a direct link to them from a PC connected just to the HMI, enabling both the GOT1000 terminal and the PLC program to be debugged in a single, efficient operation. And because touch panel operation is enabled even when the PC is connected, engineers can see exactly how any modifications to the programs will impact on the machine operation.

This ability to perform debugging locally or over decentralised systems can dramatically shorten downtime, so increasing machine availability.



Photo Caption: The FA transparent function of the GOT1000 series of HMI from Mitsubishi Electric enables a PC connected to the HMI to link directly through to other Mitsubishi Electric factory automation products, including PLCs, inverters and servo drives.

About Mitsubishi Electric:

With 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 117.000 employees the company recorded consolidated group sales of 36,3 billion Euro* in the fiscal year ended March 31, 2012.

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 109,56 Yen = 1 Euro, Stand 31.3.2012 (Source: Deutsche Bundesbank)*

Further Information:

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