

Company nxtControl - Distributed control specialist - strengthens e-F@ctory Alliance offer

Ratingen, 22nd November 2013

Mitsubishi Electric Europe's network partnership of specialist automation companies has been expanded with the addition of nxtControl. They are market leading experts in hardware independent programming for distributed control systems.

Through the network, called the e-F@ctory Alliance, automation users have access to providers of best-in-class hardware and software solutions. They are working together to design, build, install and commission the best possible systems for almost any application demand.

nxtControl provides a function block approach to system programming, based on IEC 61499, the preferred international standard for complex automations systems that require a distributed control capability.

When field devices such as PLCs, inverters, motion controllers, sensors and robots are programmed in different environments, programmers can find themselves having to work on many different platforms. In such cases the memory and CPU resources within the products are often left underused. IEC 61499 can provide a single tool for all devices within a system, making it easier to distribute the control functions, thereby making best use of available processing capacity.

nxtControl provides an IEC 61499-compliant programming environment available for the full suite of Mitsubishi Electric's automation control equipment within their integrated iQ Platform solution. This can dramatically simplify the programming of systems that may include sequential control, distributed motion, servo systems, HMIs etc in complex industrial applications, while ensuring improved interoperability and portability.

Thomas Lantermann, Senior Business Development Manager of Mitsubishi Electric's, Factory Automation – European Business Group states that it is inevitable that some automation users will require even more complex systems to meet their need for constantly improving productivity. Also, in some industries such as in the demanding automotive manufacture, the end-products become more and more feature-rich over time, yet there is also pressure to keep manufacturing costs from escalating.

“The control systems for such applications soon become very complicated; distributed control architecture is the only realistic solution for adapting and developing complex systems,” he says. “nxtControl and IEC 61499 allow systems to evolve and adapt over time to changing requirements. As such, nxtControl is a very valuable addition to the e-F@ctory Alliance team.”

Note to Editor: If you would like text in another language please contact Nicola Bigmore at DMA Europa – Nicola@dmaeuropa.com

Photo Caption:



Picture 1: Mitsubishi Electric Europe's e-F@ctory Alliance of specialist automation companies has been expanded with the addition of nxtControl. They are market leading experts in hardware independent programming for distributed control systems.

About nxtControl GmbH / increasing engineering efficiency

nxtControl is developing and licensing advanced software products for the automation industry (building automation and industrial automation). The company is recognized as a world leader in the IEC61499 technology for distributed control systems. Its software products are based on an innovative implementation of concepts such as object-/aspect oriented engineering, control systems IEC61499/ IEC61131 and the separation of software from hardware. The seamlessly

integrated technologies along the automation pyramid are a strong offer to many different applications. nxtControl products enables its customers to significantly reduce engineering efforts and to create better and more flexible solutions.

The dynamically growing company has been established in 2007 with the focus to improve automation engineering fundamentally.

Further Information:

www.nxtcontrol.com

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:

www.e-factory-alliance.com

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