

Cloud based SCADA - from an OEM you trust

By transferring its multi-faceted MAPS SCADA / HMI solution to a secure cloud-based app, Mitsubishi Electric is offering potentially the best of both worlds; an advanced solution that is flexible and easy to integrate, but is also well supported, stable and secure in operation.

A good SCADA solution can do many things for a manufacturing or process business – from displaying straightforward plant status and production target visualisation to implementing full life-cycle planning and implementation for your factory automation upgrades. By moving MAPS to the cloud (this is just one option, local server / PLC and other hosting choices are still available) Mitsubishi Electric, one of the most trusted automation vendors in the market, is providing a step into genuine IIoT territory. Enabling the potential benefits this brings for many more users.

Hosting MAPS SCADA in the cloud or privately and using the provided Internet of Things (IoT) Agent allows MAPS to seamlessly talk to third-party IoT cloud-hosted environments. Independent of the chosen environment – Amazon, Azure, Huawei, Sigfox or NB-IoT – MAPS is an ideal IoT application builder. Additionally, the built-in OPC UA, Sigfox wireless and MQTT protocol driver allows secure communications to other devices deployed anywhere on the cloud.

Robust reliability and availability can also be achieved through active clustered server technology options. The client-side UI provides the capability of configuring, displaying, manipulating and delivering the values in a rich and secure user-interface. The MAPS design environment offers an intuitive interface resulting in faster engineering which can lead to higher productivity and ultimately reduced costs.

The result is a SCADA platform product that can be used to create advanced, secure and integrated solutions that deliver value to a business. This can be as simple as being able to view the output from a single machine on your smart phone or coordinate the installation / upgrade of a complete production line.

MAPS is the default choice for users of Mitsubishi Electric automation hardware, but by offering a higher level of flexibility and security in a standard product, it won't be a surprise if this attracts new converts to a complete Mitsubishi Electric solution.

Image Caption: The MAPS design environment offers an intuitive interface resulting in faster engineering which can lead to higher productivity and ultimately reduced costs.
[Source: Mitsubishi Electric Europe B.V.]

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Note to Editor: if you would like the text in another language please contact Carolin Heel at DMA Europa – carolin@dmaeuropa.com.

About Mitsubishi Electric

With nearly 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) 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, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of approximately 40.7 billion dollars* in the fiscal year that ended on March 31, 2019.

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 the United Kingdom.

**At an exchange rate of 111 Yen = 1 US Dollars, last updated 31.03.2019 (Source: Tokyo Foreign Exchange Market)*

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