

Royal HaskoningDHV and Mitsubishi Electric provide integrated solutions for digitally connected water utilities

Ratingen, Germany 13th July 2021

Driven by the demand for digitalisation and automation in the water industry, Royal HaskoningDHV and Mitsubishi Electric Europe are joining forces to develop specialized automation controls. This will facilitate the implementation of smart water solutions, enabling water utilities to optimise the performance and efficiency of their plants.

Royal HaskoningDHV and Mitsubishi Electric's combined knowledge and experience in the global water sector, make the two companies a perfect fit for developing the platforms required for digitally connected and sustainable water infrastructure.

Water utility of the future

Sander Zweers, CCO Software at Royal HaskoningDHV, commented: *“As part of this strategic partnership we integrate our software solution Aquasuite with Mitsubishi Electric's high-end hardware. It's great to be partnering and bring together our hardware and software expertise as it will foster better and faster results for our clients. Our system-thinking approach will lower the life-cycle costs of assets and help to create the utility of the future.”*

Digital transformation

Hartmut Pütz, President, Factory Automation EMEA, Mitsubishi Electric Europe B.V. added: *“The challenges within the water industry place some of the most stringent requirements on automation systems. These need to provide absolute reliability in all operating conditions, with control architectures often implemented over vast sites. Digital transformation is an imperative within the sector, and we are looking forward to working with Royal HaskoningDHV to address this market requirement, building on our combined strengths and knowledge to deliver efficient solutions to water and wastewater treatment companies.”*

Virtual plant operator

The solution will integrate Royal HaskoningDHV Digital's Aquasuite software (part of Royal HaskoningDHV), that includes autopilot and analyst functionality, with the high-end automation hardware from Mitsubishi Electric. This will provide end-users with actionable insights to ensure optimal efficiency

of plant operations. Predictive analytics are used to automatically steer and optimise the processes, assets and entire

network. This virtual operator therefore brings convenience and peace of mind, which will minimise outages and can reduce human error. As Aquasuite is an agnostic software, customers can benefit from a smooth connection with all their existing systems.

Image Captions:



[Source: Royal HaskoningDHV Digital]

Image 1: Sander Zweers, CCO Software at Royal HaskoningDHV Digital



[Source: Mitsubishi Electric Corporation]

Image 2: Hartmut Pütz, President, Factory Automation EMEA, Mitsubishi Electric Europe B.V.

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About Royal HaskoningDHV Digital

Royal HaskoningDHV Digital is part of Royal HaskoningDHV. Royal HaskoningDHV Digital builds on the company's mission to improve societies by combining specialised digital competencies with in-depth technical knowledge.

Royal HaskoningDHV Digital focuses on accelerating innovation and implementing emerging technologies offers an extensive portfolio of digital consultancy and software solutions to create value for customers around the world. Its software portfolio facilitates the Decision-as-a-service offering and includes Aquasuite, the virtual operator for utilities and industries, whilst integrating with the broader service offering from Royal HaskoningDHV, including technologies like Nereda.

In September 2020, Royal HaskoningDHV Digital was named Water Technology Company of the Year at the Global Water Awards for its contributions to innovation in the sector.

For more information visit our website: www.royalhaskoningdhv.com/digital

About Mitsubishi Electric Corporation

With 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. Mitsubishi Electric enriches society with technology in the spirit of its “Changes for the Better.” The company recorded a revenue of 4,191.4 billion yen (U.S.\$ 37.8 billion*) in the fiscal year ended March 31, 2021.

For more information, please visit www.mitsubishielectric.com

*U.S. dollar amounts are translated from yen at the rate of ¥111=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2021.

About Mitsubishi Electric Factory Automation Business Group

Offering a vast range of automation and processing technologies, including controllers, drive products, power distribution and control products, electrical discharge machines, laser processing machines, computerized numerical controllers, and industrial robots, Mitsubishi Electric helps bring higher productivity – and quality – to the factory floor. In addition, our extensive service networks around the globe provide direct communication and comprehensive support to customers.

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Düsseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V. that has been represented in Germany since 1978, a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

About e-F@ctory

e-F@ctory is Mitsubishi Electric’s integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations. Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as the CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a wide ranging “best in class” principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing but still retain the ability to choose the most optimal suppliers and solutions.

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*Other names and brands may be claimed as the property of others.

*All other trademarks are acknowledged

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eu3a.mitsubishielectric.com/fa

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