

Wasser Berlin International from 24 to 27 March 2015

## **Integrated solutions reduce life-cycle costs in the water sector**

**Dublin, Ireland 26<sup>th</sup> of February, 2015**

**As an exhibitor at this year's Wasser Berlin International to be held from 24 to 27 March, Mitsubishi Electric will be focussing on cost-effective life-cycle management in the water sector. The automation experts will be providing visitors with information on the specific topics of energy management, condition monitoring and preventive maintenance.**

Energy management is and remains a topical issue. In order to increase energy efficiency, you must first record the current condition and assign consumptions to individual cost centres, machines or components. The potential for optimisation can then be exploited based on the results.

"The importance of this form of data transparency for increasing efficiency is a point that we want to put across to visitors to the trade fair", explains Detlef Koffke, Manager Industry Sector Water, Mitsubishi Electric Europe B.V..

Mitsubishi Electric's Energy Control Pack provides scalable energy management solutions for both existing and new systems that can be flexibly adjusted in line with requirements within the water sector. Remote terminal units (smart RTUs) allow real-time data acquisition and control in widely distributed systems too. The visualisation suite MAPS (Mitsubishi Adroit Process Suite) permits systematic data acquisition, analysis and preparation in the form of clear reports, ultimately resulting in increased

system functionality, efficiency and quality as well as reduced downtimes. Besides the tried and tested life-cycle software tool MAPS, the visualisation suite contains a number of additional functionalities. These include the Adroit Report Suite for data evaluation, Adroit Alarm Management & Analysis as a web-based reporting tool and the data warehouse solution Adroit SCADA Intelligence. Detlef Koffke explains: "Our automation solutions can be used to reduce energy consumption by up to 15 per cent and peak loads by up to 30 per cent – with the same or a higher level of process quality, optimised overall system efficiency and maximum system availability."

If you are planning to introduce an energy management system, it is also worth adding a condition monitoring system as the two systems are based on similar architecture and complement each other. Detlef Koffke goes on to explain: "We will be showing visitors to the trade fair how the life-cycle costs of a system can be significantly optimised throughout its service life with the help of condition monitoring. Irregularities and problems can be quickly identified by means of intelligent, predictive maintenance, thus avoiding costly damage."

**Image captions:**



**Picture 1:** Detlef Koffke, Manager Industry Sector Water, Mitsubishi Electric Europe B.V. explains: "The importance of data transparency for increasing efficiency is a point that we want to put across to visitors at the trade fair."

[Source: Mitsubishi Electric Europe B.V.]



**Picture 2:** As an exhibitor on the joint stand of German Water Partnership e.V. at this year's Wasser Berlin International, Mitsubishi Electric will be focussing on cost-effective life-cycle management in the water sector and presenting its proposed solutions.

[Source: Mitsubishi Electric Europe B.V.]

### **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 124.000 employees the company recorded consolidated group sales of 39,3 billion US Dollar\* in the fiscal year ended March 31, 2014.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Mitsubishi Electric Europe, Industrial Automation – Irish Branch is located in Dublin, Ireland. 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 – Irish Branch is to manage sales, service and support across its network of local distributors throughout Ireland.

*\*Exchange rate 103 Yen = 1 US Dollar, Stand 31.3.2014 (Source: Tokyo Foreign ExchangeMarket)*

**Further Information:**

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