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***Mitsubishi Electric presented water and wastewater automation solutions
in IVth International Water Congress***

**New Generation Automation Technology for Water Management in
Intelligent Cities**

Mitsubishi Electric, the pioneer brand in the automation sector, presented its solutions for water and wastewater automation in "IVth International Water Congress: Water Management in Intelligent Cities" organized by İzmir Metropolitan Municipality Water and Sewage Authority (İZSU). Mitsubishi Electric Turkey Factory Automation Systems Major Projects Business Development and Factory Automation Director Hüsnü Dökmeci, in the presentation titled "City Potable Water Energy Optimization Solution" informed about Aquatoria software which can control the entire system by integrating with the pump equipments developed by different producers.



In "IVth International Water Congress: Water Management in Intelligent Cities" organized by İzmir Metropolitan Municipality Water and Sewerage Authority (İZSU) in İzmir between 2-4 November, the intelligent management of city water infrastructure was discussed.

In the event where the current researches are transmitted by experts from domestic and foreign countries, **Mitsubishi Electric Turkey Factory Automation Systems Major Projects Business Development and Factory Automation Director Hüsni Dökmeci** presented "City Potable Water Energy Optimization Solution" and explained Mitsubishi Electric's water and wastewater automation technology.

Hüsni Dökmeci mentioned that the rapid population growth and global warming face a serious problem especially in countries like Turkey where water problems are experienced and pointed out the difficulties in water supply "Priority of intelligent cities is the most efficient use of resources and water has the greatest priority among these resources."

Reliable solution partner in water and wastewater automation



Dökmeci stated that as Mitsubishi Electric, Turkey is an ambitious solution partner for water and wastewater automation projects in infrastructure investments and added that "The solutions we provide for water management in intelligent cities are primarily based on the control of the efficiency of pumps used in water resources. We have been working with water authorities and system integrators in many countries for many years on water and wastewater treatment plants, pump automation and

correct use of pumps, water and electricity saving software and SCADA. In addition to our experience, we also have the expertise expected from a reliable partner and system supplier with reference to a wide range of wastewater treatment reference."

Aquatoria software can control the overall system

Dökmeci gave information about Aquatoria software which was developed specifically for water automation applications by Mitsubishi Electric, and stated that it is possible to control the overall system with this software which can be integrated into the pump equipment developed by different manufacturers. Dökmeci, pointing out the fact that the pump efficiency can be increased significantly, said that the adaptive system working with neural networks and fuzzy logic enabled the maximum level of saving by acting according to the situation. Dökmeci added that speed and savings were provided by the ability of the operators to intervene in the system with a single interface which is easy to understand.

About Mitsubishi Electric Corporation

With over 95 years of experience in providing reliable, high-quality products, 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, 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 4,238.6 billion yen (US\$ 37.8 billion) in the fiscal year ended March 31, 2017. For more information visit: www.MitsubishiElectric.com*

** It was calculated by 1 USD = 112 Yen exchange rate announced by the Tokyo Foreign Exchange Market on March 31, 2017.*

About Mitsubishi Electric's Activities in Turkey

Mitsubishi Electric's main fields of activity in Turkey are; air conditioning systems, factory automation systems, CNC mechatronic systems, and advanced robotics. In addition to these activities, the company also supports satellite, elevator, visual data systems, power supplies and transport infrastructure. Mitsubishi Electric, the producer of Turksat 4A and 4B satellites, which contributes to the communication and publishing infrastructure of Turkey and neighboring countries, is notable for its satellites as well as the automation technology used in the Marmaray project. In April 2016, Mitsubishi Electric, which has established a domestic air conditioning development and production company in Turkey, is preparing to make production in January 2018 in the Manisa factory. For more information; tr.mitsubishielectric.com

About Mitsubishi Electric Turkey Factory Automation Systems

Mitsubishi Electric Turkey Factory Automation Systems; provide added value in terms of rapid integration, productivity, flexibility and productivity to the leading industrial companies in Turkey in various fields such as automotive, food, packaging, metal and PVC processing machines. The new industry, also called "Industry 4.0", responds with e-F@ctory, i.e. the digital factory concept. For more information; tr3a.mitsubishielectric.com