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Meeting with stakeholders at the webinar organized in collaboration with TMMOB Chamber of Electrical Engineers, Mitsubishi Electric presented their current solutions in the factory automation

Mitsubishi Electric SCADA Systems Improve Energy Efficiency

Technology giant Mitsubishi Electric, held the recent session of the webinars organized in collaboration with TMMOB Chamber of Electrical Engineers (EMO). Mitsubishi Electric Factory Automation Systems Product Management and Marketing Team SCADA Product Executive Burcu Çöpür, shared participants the current developments in the field of SCADA Systems and Industrial Monitoring which provides monitoring and visualization functions and improves energy efficiency.

Standing out with many hi-tech products from “home to space” Mitsubishi Electric continues at full speed the webinar series organized in collaboration with the TMMOB Chamber of Electric Engineers (EMO). Attracting the attentions with the topic of SCADA Systems and Industrial Monitoring, addressed at the recent webinar, Mitsubishi Electric provided participants information about the current key developments in the field.

Pioneering technology improving the energy efficiency



Speaking of the MAPS SCADA, proprietary solution of Mitsubishi Electric, and the competences of the brand in the energy monitoring field, one of most important focus areas of today, **Mitsubishi Electric Factory Automation Systems Product Management and Marketing Team SCADA Product Executive Burcu Çöpür**, said "Known as the data collection and control center, SCADA features a host of centralized functions such as monitoring, controlling, analysis and instant incident response in the factory. MAPS's alarm function facilitates detection of the source which triggered the alarm, and how frequent such alarm is triggered. Thus, great energy savings and significant improvements in the efficiency are achieved."

It is possible to monitor and visualize entire factory

Pointing out the functions and advantages of MAPS SCADA, Mrs. Çöpür continued: "MAPS SCADA offers the function of monitoring and visualization of entire factory. System is capable of recording all factory data in a defined database and later running a data analysis. In addition to the solutions on the part of SCADA, MAPS is also capable of analysis such as production monitoring, energy management and performance management. For instance, it is possible to monitor instantly data and values such as productivity measurements of a machinery, currently processed workpiece, which operators work, or what type of lath works. Furthermore, it is possible to conduct historical analyses by visualizing energy charts of the machinery report."

Communicates with different PLCs thanks to its flexibility

Lastly, explaining about added value and solutions offered by MAPS SCADA to the businesses, Burcu Çöpür concluded "Ensuring labor and time savings, our MAPS SCADA system has a library consisting of over 100 drivers. It can communicate with Mitsubishi Electric PLCs as well as other brands' PLCs. System provides all communication protocols between SCADA and PLC, and does not require any licensing for them. Also, in terms of performance, MAPS SCADA connects directly to PLC. In this respect, having a flexible structure, it is possible to connect with the System over Internet."

About Mitsubishi Electric Corporation

With nearly 100 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. Mitsubishi Electric enriches society with technology in the spirit of its "Changes for the Better," and environmental statement, "Eco Changes."

The company recorded a revenue of 4,462.5 billion yen (U.S.\$ 40.9 billion) in the fiscal year ended March 31, 2020.*

For more information, please visit www.MitsubishiElectric.com

**U.S. dollar amounts are translated from yen at the rate of ¥109=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2020*

About Mitsubishi Electric's Activities in Turkey

Main fields of activity of Mitsubishi Electric that stand out with its advanced technology solutions in various areas ranging from "Home to Space" in Turkey are air conditioning systems, industrial automation systems, advanced robot technologies, CNC mechatronics systems, elevator and escalator systems. Designating Turkey whose power and potential it believes in as a major production headquarter, Mitsubishi Electric produces energy efficient and environment-friendly air conditioners for Europe and Turkey in its digital factory in Manisa which is the brand's first room air conditioner factory in Europe. Working to integrate factories of Turkish industry into digital transformation period, Mitsubishi Electric also draws attention with its automation technologies in the world's deepest sunken tube tunnel, the Marmaray project. Operating in several fields in Turkey such as automotive components, semi-conductor devices, transportation and energy systems, Mitsubishi Electric applies its radar technology which is developed for airports to increase safety for airplanes and flights within its operations in public systems in Antalya Airport. One of the leading developers in space research and development systems, Mitsubishi Electric is also the manufacturer of Turksat 4A and 4B satellites which contributes to Turkey's and neighbouring countries' communication and broadcasting infrastructure. For detailed 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

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