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FOR IMMEDIATE RELEASE

No. 3108

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Mitsubishi Electric Corporation Unveils New Technologies at Annual R&D Open House

TOKYO, May 24, 2017 - [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced new technologies, outlined below, at its annual Research and Development Open House held today at Tokyo International Forum in Tokyo, Japan.

No. 3109

Mitsubishi Electric Consolidates AI Technology under “Maisart” Brand

Making devices smarter and life more secure, intuitive and convenient

The company announced today its new “Maisart” brand encompassing the company’s proprietary artificial intelligence (AI) technology, including its compact AI, automated design deep-learning algorithm and extra-efficient smart-learning AI.



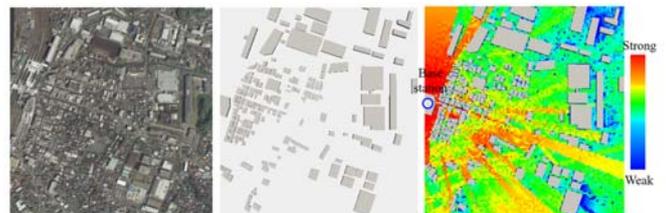
Full release text: <http://www.MitsubishiElectric.com/news/2017/0524-b.html>

No. 3110

Mitsubishi Electric Develops Solution to Visualize Radio Waves to Support IoT System

Enables optimal placement of wireless equipment to be designed fast and inexpensively

The company has developed a radio wave visualization solution for ascertaining, with high speed and high precision, the intensity of radio waves when designing the optimal placement of wireless communication equipment.



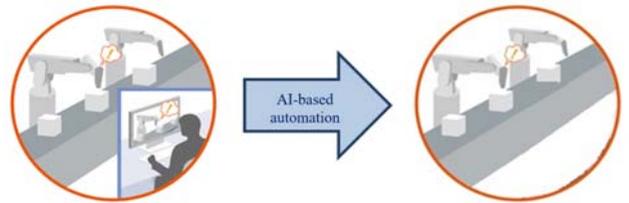
Full release text: <http://www.MitsubishiElectric.com/news/2017/0524-c.html>

No. 3111

Mitsubishi Electric Develops Smart-learning Algorithm for Extra-efficient AI

Dramatically reduces number of trials required for precise machine-learned AI control

The company announced today that it has developed a proprietary deep-reinforcement algorithm for artificial-intelligence (AI) machine control that requires just one-fiftieth the number of trials compared to conventional AI control methods.



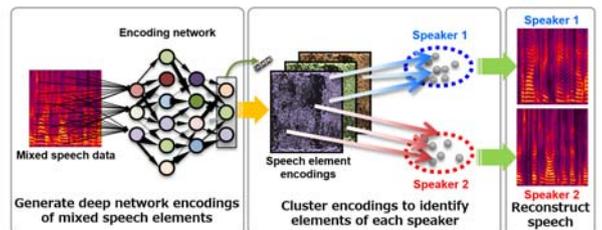
Full release text: <http://www.MitsubishiElectric.com/news/2017/0524-d.html>

No. 3112

Mitsubishi Electric Separates Simultaneous Speech of Multiple Unknown Speakers Recorded with One Microphone

Speech-separation technology achieved with proprietary “Deep Clustering” AI method

The company announced today that it has created the world’s first technology that separates, and then reconstructs with high quality, the simultaneous speech of multiple unknown speakers recorded with a single microphone in real time.



Full release text: <http://www.MitsubishiElectric.com/news/2017/0524-e.html>

No. 3113

Mitsubishi Electric Uses Illumination for Building Guidance Systems

Illuminated projections are expected to streamline in-building traffic

The company announced today an innovative in-building guidance system that uses illuminated projections to provide building visitors with directions and detailed elevator-status information.



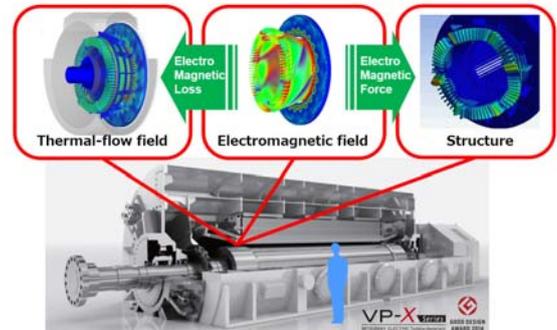
Full release text: <http://www.MitsubishiElectric.com/news/2017/0524-f.html>

No. 3114

Mitsubishi Electric Develops Unique Technology for Electromagnetic-field and Large-coupled Analysis of Turbine Generators

Will improve energy efficiency and reliability of generators

The company announced today the development of what it believes is the world's-first technology for determining the operational status of power generators using electromagnetic-field analysis of up to an unprecedented 30 million meshes and coupled-numerical analysis.



Full release text: <http://www.MitsubishiElectric.com/news/2017/0524-g.html>

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About Mitsubishi Electric Corporation

With over 90 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 4,238.6 billion yen (US\$ 37.8 billion*) in the fiscal year ended March 31, 2017. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 112 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2017