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**FOR IMMEDIATE RELEASE**

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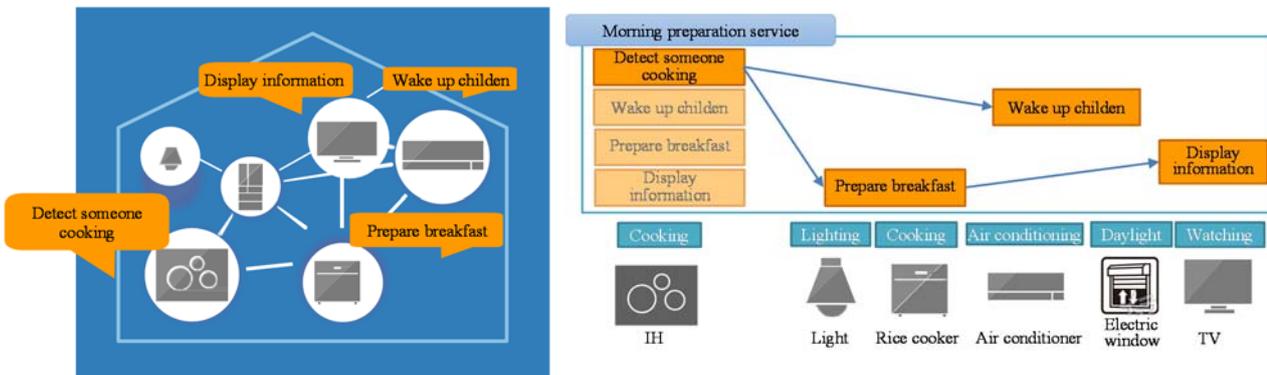
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## Mitsubishi Electric Develops Platform that Enables Smart Appliances to Cooperate

*Will facilitate autonomous home services that don't require cloud computing or internet connection*

**TOKYO, January 29, 2018** – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today that it has developed an autonomous platform that enables networked smart appliances to use their sensors and functionalities to cooperate in new home services without the need for cloud computing or internet connection. By integrating the aggregation of diverse functionalities not possible with individual appliances, the platform is expected to facilitate a wide variety of cooperative smart appliances and related services for increasing comfortable and convenient homes. Commercialization of the platform is targeted at 2020.



Smart appliances working cooperatively in new value-added services for homes

Mitsubishi Electric's new platform will support the ongoing trend of home appliances offering increasingly smart functions for networked environments. The platform incorporates technology that will enable appliances to collaborate with each other without connection to a cloud or the internet, and to support new services that could not be implemented with individual appliances. The result will be more comfortable and convenient living environments in which occupants will not be required to operate or adjust their smart appliances on a daily basis.

Mitsubishi Electric has developed a lightweight software library that requires memory space of just around three megabytes, enabling the platform to run even on low-spec microcontrollers such as those deployed in smart home appliances. The platform also allows for newly acquired smart home appliances to be added seamlessly to the network.

Going forward, Mitsubishi Electric will continue to develop its cloud- and internet-free platform to enable cooperation among increasingly sophisticated networked appliances for intuitive, fully automatic services that do not require daily operation or adjustment by users.

### **Patents**

Pending patents for the technology announced in this news release number two in Japan and one outside of Japan.

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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](http://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