

## Mitsubishi Electric Introduces, “Mitsubishi Electric Smart Home,” New Concept for Next-generation Homes

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Smart living environments concept combines body sensors and appliance/equipment linkage

Mitsubishi Electric Corporation (TOKYO: 6503) announced today it introduces its next-generation concept for home life, Mitsubishi Electric Smart Home which combines sensors and linked appliances and other household equipment to support the daily lives of families by enabling individuals to easily share information about their mental and physical conditions.



Entrance and kitchen of Mitsubishi Electric Smart Home

The existing concept of smart houses involves the use of advanced appliances and other equipment via information technology, and visualizes as well as optimally controls household energy consumption. Mitsubishi Electric is taking the concept further by focusing on family members' mental and physical conditions as well as comfortable, enjoyable stress-free lifestyles.

Practical applications of the Mitsubishi Electric Smart Home concept may include the following:

### **Entrance**

- Camera identifies and authenticates each family member as they approach the front door.
- Door-handle sensor collects biological information, such as body temperature and heart-rate to assess the person's physical condition. A health and daily schedules of each family member is displayed in the entry hall.

### **Kitchen**

- Refrigerator door displays recommended recipes based on body data collected with sensing devices and food items available in the refrigerator.
- Countertop displays preparation instructions and other helpful information, such as cooking tips and remaining cooking times.
- Induction stove allows cooking vessels to be placed anywhere on the cooking surface, enabling two or more people to cook at the same time.
- Outlet-free, non-contact power supply system feeds power to appliances anywhere in the house.

Although specific commercial applications for Mitsubishi Electric Smart Home have not been determined yet, Mitsubishi Electric is conducting research and development to apply the concept in its smart-house and home-appliance businesses.

### **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 4,054.3 billion yen (US\$ 39.3 billion\*) in the fiscal year ended March 31, 2014. For more information visit <http://www.MitsubishiElectric.com> \*At an exchange rate of 103 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2014