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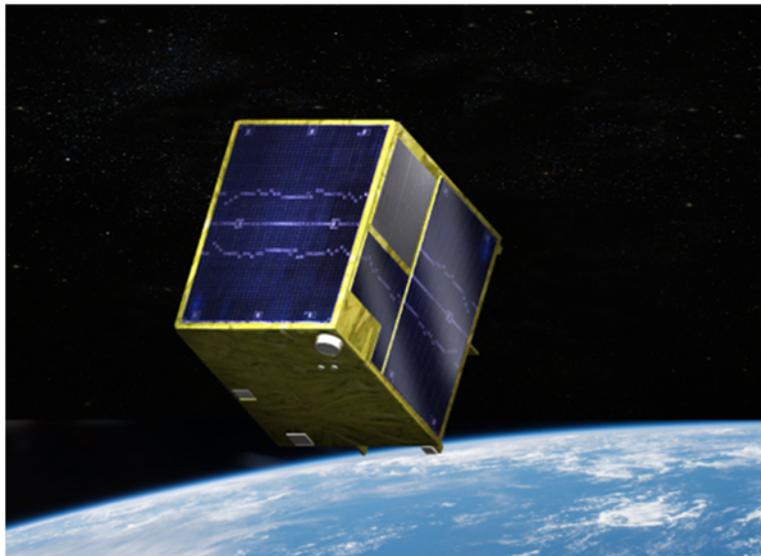
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## **Mitsubishi Electric Chosen as Prime Contractor of the New Satellite for Innovative Satellite Technology Demonstration-2**

*Small Satellite will be Part of Global Constellation for Delivery of New Services*

**TOKYO, December 23, 2019** – [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced today it has been designated by the Japan Aerospace Exploration Agency (JAXA) as the prime contractor of the new satellite for Innovative Satellite Technology Demonstration-2. Under the program, Mitsubishi Electric aims to establish a standardized platform for designing, manufacturing and operating small 100kg-class satellites incorporating standard parts for key functions such as attitude control and power supply. The new platform will enable unified functions and services provided via a global constellation of small satellites.



Rendition of the new satellite for Innovative Satellite Technology Demonstration-2 in orbit

## **Overview**

Innovative Satellite Technology Demonstration-2 is a part of a Japanese government program aiming for the stable supply of core components to the nation's space program. The purpose of the new satellite developed under JAXA for this program is for in-orbit verifications and demonstrations of equipment, parts and microsattellites developed by private companies, universities or other entities. In particular, it will help to establish a standardized platform for developing small 100kg-class satellites equipped with standard components and equipment, selected for use by JAXA through an open invitation in fiscal year of 2018. The program requires the prime contractor to develop a platform that will facilitate the faster and less costly development of small satellites in comparison to the development of mid-sized or large satellites. The satellite is scheduled to be launched on an Epsilon Launch Vehicle from Uchinoura Space Center in Kagoshima Prefecture, Japan in the fiscal year ending in March 2022.

## **Background and Future Initiatives**

Globally, small satellites are being developed for use in constellations comprising dozens of small satellites that will cover the entire world. The constellations will perform coordinated operations for a wide range of new services, such as truly globalized internet access or services based on daily photography of the entire world. Numerous private-sector services are expected to make good use of small satellites covering the entire globe. Going forward, Mitsubishi Electric will develop the new satellite for Innovative Satellite Technology Demonstration-2 and a standardized platform for small 100kg-class satellites, which the company will use, along with its well-established DS2000 platform for large standardized satellites, to meet a growing range of needs.

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## **About Mitsubishi Electric Corporation**

With nearly 100 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 a revenue of 4,519.9 billion yen (US\$ 40.7 billion\*) in the fiscal year ended March 31, 2019. For more information visit:

[www.MitsubishiElectric.com](http://www.MitsubishiElectric.com)

\*At an exchange rate of 111 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2019