



Mitsubishi Electric to Display Advanced Mobile Mapping System at CES
Integrated, easily mountable and detachable for creation of highly accurate 3D maps

LAS VEGAS, NV. – January 3, 2017 – Mitsubishi Electric Corporation, along with Mitsubishi Electric US, Inc., announced today that the company will display a future concept of the recently released new model of its Mitsubishi Mobile Mapping System, the MMS-G220, in North Hall, booth 7329 at CES 2017 in Las Vegas from January 5-8. The MMS-G220 is a highly accurate measuring system using car-mounted GPS antennas, laser scanners and cameras. The system gathers 3-D positioning data of road surfaces and roadside features to an absolute accuracy of 4 inches, allowing the creation of comprehensive 3D maps to the level of accuracy needed to support autonomous driving. The company will start off by offering the new model in the Asia-Oceania region.

The MMS-G220 can be used in a wide range of applications, such as the precise surveying of infrastructure and is especially suited to autonomous driving systems. It is easily mountable, allowing compatibility with multiple car types. The detachable roof-mounted main unit is smaller and lighter than the current more rigid models, while maintaining the same level of accuracy.

The system will also make good use of Japan's Quasi-Zenith Satellite System (QZSS), which will begin operating in 2018. The QZSS will be formed from a constellation of Japan's positioning satellites, which Mitsubishi Electric developed in support of the Office on National Space Policy, Cabinet Office (Government of Japan). The satellites will be in geosynchronous orbit with an inclination of 45 degrees in order to pass near their zenith over Japan and above the Asia-Oceania region. This will provide seamless service regardless of geography. It will also significantly improve the accuracy of positioning in areas where signals from GPS satellites cannot be clearly received due to skyscrapers or natural terrain.

Furthermore, Mitsubishi Electric is leading Dynamic Map Planning Co., Ltd., as the top shareholder to achieve early implementation of high-precision 3D maps to realize autonomous driving and

advanced drive assistance systems in Japan. This company consists of Japanese leading survey and mapping companies as well as all major Japanese automobile manufacturers.

About Mitsubishi Electric US, Inc.

Mitsubishi Electric US, Inc., a US affiliate company of Mitsubishi Electric Corporation, manufactures and markets photovoltaic panels, heating and air-conditioning systems, elevators and escalators, data wall cubes, LCD digital signage monitors, industrial printers, professional photo printers and semiconductor devices. For additional information, visit <http://us.mitsubishielectric.com/en>.

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 4,394.3 billion yen (US\$ 38.8 billion*) in the fiscal year ended March 31, 2016. For more information visit:

<http://www.MitsubishiElectric.com>

*At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016

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