MITSUBISHI ELECTRIC
Changes for the Better

MITSUBISHI ELECTRIC CORPORATION
PUBLIC RELATIONS DIVISION
7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8310 Japan

FOR IMMEDIATE RELEASE **No. 3920**

Customer Inquiries

Defense Systems Division
Defense & Space Systems Group
Mitsubishi Electric Corporation

Defense-systems-div.support@ny.MitsubishiElectric.co.jp
www.MitsubishiElectric.com/

Media Inquiries

Public Relations Division

Mitsubishi Electric Corporation

prd.gnews@nk.MitsubishiElectric.co.jp
www.MitsubishiElectric.com/en/pr/

Mitsubishi Electric Invests in U.S. Startup Array Labs, Developer of Satellites and Satellite-Borne Radar Systems

Will collaborate on using AMTI technology for satellite-based services

TOKYO, July 28, 2026 – Mitsubishi Electric Corporation (TOKYO: 6503) announced today that it invested 10 million U.S. dollars on July 24 in Array Labs, Inc., a U.S.-based developer of satellites and satellite-mounted radar systems, to collaborate on commercializing satellite-based information services, primarily for security-related applications.

The aerospace and defense sectors are increasingly using observational data from low-Earth-orbit satellite constellations,[1] complementing conventional ground and airborne radar-surveillance methods. The current mainstream approach uses images acquired by satellite-mounted optical sensors and synthetic aperture radar (SAR[2]). However, a new satellite technology, called airborne moving target indication (AMTI), has been attracting attention for its ability to detect and track airborne moving objects continuously from orbiting satellites. AMTI technology enables detection and tracking over a wide airspace, independent of radar installation locations, terrain, or detection-range limitations and is now being used in national security and civil air traffic management (ATM[3]) applications.

Array Labs was founded in 2019. Its proprietary modular radar[4] design and multistatic radar operations[5] have led to research and development contracts related to space-based radar and AMTI technology with numerous US government agencies. Following their successful airborne flight tests, the company plans to launch multiple radar satellites in stages between 2027 and 2028 to demonstrate its constellation. In these demonstrations, Array Labs will validate space-based AMTI applications and commercialize a service that provides 3D terrain data based on SAR imaging technology.

---

1 A system that creates a formation of multiple satellites and enables them to operate in a coordinated manner.
2 A radar that observes the Earth's surface by transmitting electromagnetic waves toward the ground and analyzing the reflected waves.
3 Management of aircraft operations such as takeoff, flight and landing.
4 A system for adjusting radar size, weight and output by reconfiguring main components according to the intended use.
5 A radar system that improves detection performance by deploying multiple transmitters and receivers at separate locations and coordinating their operation.

Through this investment, Mitsubishi Electric plans to integrate its satellite system development and manufacturing technologies with Array Labs' unique AMTI technology and 3D terrain imaging data. The goal is to commercialize information services, including to identify the locations of airborne moving targets, while expanding the use of space in the field of national security. Going forward, Mitsubishi Electric is committed to contributing to a safer and more secure global society by enhancing deterrence through advanced technology.

Andrew Peterson, Array Labs's CEO and Cofounder, said: "Mitsubishi Electric's deep mission insights and defense relationships across Asia-Pacific make them an ideal partner. We're excited to work together to turn space-based AMTI into an operational reality, helping humanity better understand the physical world."

Masahiko Arai, Mitsubishi Electric's Executive Officer, Group President, Defense & Space Systems, said: "We are very pleased to collaborate with Array Labs, which aims to demonstrate its game-changing AMTI technology. By combining the technological capabilities and maximizing the synergies of our two companies, we expect to strengthen our ability to respond comprehensively to customer needs in the security field."

About Array Labs, Inc.

CEO and Cofounder	Andrew Peterson
Location	889 WINSLOW ST STE 400, REDWOOD CITY, CA 94063-1605, USA
Establishment	2019
Employees	Approximately 50
Business	Sale of satellites and satellite-borne radar systems; analysis and provision of geospatial imagery data
Website	https://www.arraylabs.io/

###

About Mitsubishi Electric Corporation

Guided by its corporate philosophy, Mitsubishi Electric Corporation (TOKYO: 6503) places sustainability at the core of its operations and values stakeholder trust—encompassing society, customers, shareholders and employees. In pursuing profitability, capital efficiency and growth, Mitsubishi Electric works closely alongside customers to develop value-added solutions that address today's complex challenges while enhancing the company's sustainable corporate value.

Founded in 1921, Mitsubishi Electric has over a century of experience in delivering reliable, high-quality products and solutions. With over 200 group companies and approximately 150,000 employees worldwide, the company is a recognized global leader in manufacturing, marketing and selling electrical and electronic equipment and systems across a broad range of sectors, including public utility systems, energy systems, defense and space systems, factory automation systems, automotive equipment, building systems, air conditioning systems & home products, digital innovations, and semiconductor & devices.

Mitsubishi Electric recorded consolidated revenue of 5,894.7 billion yen (U.S.$ 36.8 billion*) in the fiscal year that ended on March 31, 2026. For more information, please visit www.MitsubishiElectric.com

*JPY 160=USD 1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2026