EXPANDING CAPABILITIES IN JAPAN

A Global Technology Leader

Japan is strengthening its capabilities in space, cyberspace and the electromagnetic spectrum, which are core strengths of L3Harris. With varied programs and systems already in place within Japan, L3Harris is uniquely positioned to support new opportunities.

JAPAN FACTS

L3Harris has become a valued partner to Japan, providing defense and space-based technologies backed by years of experience across a spectrum of capabilities.

The L3Harris Advanced Himawari Imager (AHI) is aboard the Japan Meteorological Agency's (JMA) Himawari-8/9 geostationary weather satellites. AHI is one of the most capable GEO weather imagers in the world, providing 16 channels of data, scanning the earth in ten minutes while also providing images of Japan and severe storms every 2.5 minutes. As a result, forecasters can see a virtual movie of storms to better predict paths and strengths.

The L3Harris TANSO-FTS-2 environmental monitoring sensor is on orbit aboard Japan's Greenhouse Gases Observing Satellite-2, significantly enhancing Japan's ability to monitor greenhouse gases from space. Providing double the amount of data of GOSAT-1, the instrument collects five bands of high spectral resolution data, enabling measurement during daylight and nighttime.

Based out of offices in Tokyo and Osaka, L3Harris provides industry-leading geospatial image analysis and data visualization software. The ENVI, IDL and SARscape software delivers innovative geospatial intelligence solutions that meets Japan's expanding mission demands.

L3Harris microwave power modules are incorporated into multiple Japanese space programs and are key critical components for electronic protection programs. L3Harris also provides key power amplification to include coupled cavity traveling wave tubes for critical JSDF missile, air and shipborne defense programs.

L3Harris has long-term relationships with multiple Japanese airlines and has sold many full flight simulators and support programs. In addition, L3Harris provides technical data, support services and associated simulator hardware for the Japan Ministry of Defense (JMOD) and other government organizations. Simulation platforms include the C-130H Hercules, UH-60J Blackhawk, P-3C Orion as well as the TC-90 King Air and Kawasaki T-4 training aircraft.

SOLUTIONS FOR JAPAN

> Space-based Concepts
> Space Situational Awareness
> Satellite-based Weather and Environmental Sensors
> Geospatial
> Defense
> Battlefield Networking
> Common Data Link
> ISR Systems
> Electronic Warfare
> Avionics
> Pilot Training
> Full Range of Maritime Systems
> Maritime Patrol Aircraft
> Maritime Cyber Security
> Autonomous Vessel Surface and Subsurface Technologies

L3HARRIS®
FAST. FORWARD.

ADVANCED SOLUTIONS FOR JAPAN

AVIONICS

Sensors, hardened electronics, release systems, data links and antennas supporting fixed wing and rotary platforms

BROADBAND COMMUNICATIONS

Secured mobile networked communication equipment and integration

COMMERCIAL AVIATION PRODUCTS

Airport security and detection solutions and airborne avionics products—traffic collision avoidance, flight recorders

DEFENSE AVIATION PRODUCTS

Precision engagement sensors and systems; small UAVs, antennas and arrays; RF amplifiers and microwave devices

ELECTRO-OPTICAL

Advanced Electro-Optic / Infrared (EO/IR), laser imaging and targeting sensor systems

ELECTRONIC WARFARE

Multi-spectral situational awareness, threat warning and countermeasures capabilities for airborne and maritime

INTEGRATED VISION SYSTEMS

Full suite of helmet- and weapon-mounted integrated systems

INTEL AND CYBER

Situational awareness and optical networks

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

Advanced integrated communications intelligence, electronic intelligence and targeting mission systems for strategic and tactical aircraft platforms

MARITIME

Electrical and electronic systems and integration for large naval platforms

MISSION NETWORKS

Communications and networking solutions for international air service providers

PILOT TRAINING

Flight simulation and pilot training to military and commercial customers

PUBLIC SAFETY

Radios, applications and equipment for public safety communications

SPACE

Payloads, sensors and comprehensive solutions

TACTICAL COMMUNICATIONS

Radio communications, SATCOM terminals and battlefield management networks

L3HARRIS®
FAST. FORWARD.

L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our 50,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security.

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