



Source: [Northrop Grumman](#)

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LAND AND SEA

Lockheed Martin delivers the first precision strike missiles (PrSM) to the U.S. Army, achieving a big modernization goal. PrSM offer long-range precision, reaching over 400 kilometers (km) to neutralize targets.

Source: [Lockheed Martin](#)

In the latest series of live-fire flight tests at White Sands Missile Range, Northrop Grumman's integrated battle command system (IBCS), equipped with lower-tier air and missile defense sensor (LTAMDS), was showcased. During these trials, IBCS accurately tracked both low- and high-altitude threats using LTAMDS data and successfully neutralized an air-breathing cruise missile via patriot advanced capability-3 fire control.

Source: [Northrop Grumman](#)

A U.S. Navy submarine successfully tested an unmanned underwater vehicle (UUV) that enters and exits through a torpedo tube. The new capability allows deploying drones from the submarine's hatch, opening opportunities for surveillance, scouting, and other missions.

Source: [The Maritime Executive](#)

India conducted its second test of the K-4 submarine-launched ballistic missile. Developed by DRDO, the solid-fueled K-4 aims to equip the country's nuclear-powered submarines like INS *Arihant* and upcoming sister vessels.

Source: [DRDO](#)

The Indian Defence Ministry received proposals from Mazagon Dockyard Ltd. to build three submarines for the Indian Navy. Approval for this submarine procurement was granted to the Indian Navy in July before Prime Minister Narendra Modi visited France.

Source: [India Today](#)

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SOFTWARE, SYSTEMS, AND CYBER

Cloud Security Alliance, a leading organization dedicated to offering cloud-specific services, launches the AI safety initiative in partnership with Google, Microsoft, OpenAI, Amazon, and Anthropic. The AI initiative aims to develop and share clear guidelines for artificial intelligence (AI) safety, focusing initially on generative AI.

Source: [Cloud Security Alliance](#)

SPACE AND AEROSPACE

ISRO aims to launch *Chandrayaan-4* to retrieve moon samples in four years, as revealed by ISRO's chairperson S. Somanath.

Source: [The Indian Express](#)

The Indian Defence Ministry sanctions a plan to procure about 6,400 rockets for the *Pinaka* multi-barrel rocket launcher systems, a significant move for the Indian Army. The recent Defence Acquisition Council meeting approved the acquisition of two rocket types, known as area denial munition Type 2 and Type-3.

Source: [DRDO](#)

Space features as an area of cooperation again between India and Oman. The leaders of both countries concurred on expanding cooperation in the field of space and expressed their appreciation for the recent bilateral interaction in this sector.

Source: [Indian Ministry of External Affairs](#)

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BUSINESS UPDATES

Forcepoint's Global Governments and Critical Infrastructure (G2CI) division and Microsoft forge a strategic partnership. The collaboration will involve the integration of Forcepoint G2CI's cross-domain technology into Microsoft Azure's cloud service offerings.

Source: [Financial Post](#)

GOVERNMENT UPDATES

The U.S. Congress approved an \$874.2 billion defense policy bill. The House voted 310-118, followed by the Senate's 87-13 vote, for the compromise National Defense Authorization Act for fiscal year 2024.

Source: [The U.S. Department of Defense](#)

Deputy Secretary of Defense Dr. Kathleen Hicks visited Silicon Valley to discuss how the Department is leveraging innovation against strategic challenges posed by China. At the Defense Innovation Unit, she reviewed projects and met personnel accelerating the U.S. military's use of commercial tech for national security.

Source: [The U.S. Department of Defense](#)

INS *Kadmatt* reached Manila, Philippines, on December 12, 2023. The visit aims to strengthen maritime collaboration between India and the Philippines.

Source: [Press Information Bureau](#)

Three key allies—Britain, Japan, and Italy - officially signed an international treaty to launch a program dedicated to crafting an advanced fighter jet. The landmark agreement follows a significant move made a year ago when these countries merged their independent next-generation fighter initiatives, marking the inaugural major collaboration in their defense industries.

Source: [Reuters](#)

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A group of 45 Indian Armed Forces members arrived in Hanoi, Vietnam, for the fourth *VINBAX-2023* Joint Military Exercise, scheduled from December 11 to 21, 2023. The annual training event, held alternately in India and Vietnam, aims to strengthen military cooperation.

Source: [Press Information Bureau](#)

TENDERS AND REQUEST FOR PROPOSALS

The U.S. Department of Defense awards Advent Technologies, a leader in the fuel cell and hydrogen technology space, an additional \$2.8 million contract to acquire the portable fuel system.

Source: [ADVENT](#)

The U.S. Army provides CACI International with a five-year, up to \$420 million contract to aid the U.S. Army Combat Capabilities Development Command. The contract involves providing engineering support, including mechanical, electrical, and modeling and simulation, to address diverse threats across various domains and safeguard U.S. forces globally.

Source: [CACI](#)

The U.S. Department of Commerce announced an initial \$35 million funding allocation for BAE Systems to modernize the Microelectronics Center (MEC) in New Hampshire. The funding marks a pivotal moment as it's the first funding stride under the CHIPS and Science Act.

Source: [BAE Systems](#)

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