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LAND AND SEA

The U.S. Army's joint program executive office for armaments and ammunition held a ribbon-cutting ceremony for the IMT precision production facility on October 2, 2024, in Ingersoll, Canada. The new 155mm metal parts production facility is set to manufacture 15,000 shell bodies per month, bolstering the U.S. Army's munitions capabilities.

Source: [U.S. Army](#)

SOFTWARE, SYSTEMS, AND CYBER

Virtualitics announces the renewal of its SBIR III agreement with the U.S. Space Force to continue deploying the integrated readiness optimization workforce product, enhancing mission preparedness through artificial intelligence-driven analytics and predictive modeling.

Source: [Virtualitics](#)

SPACE AND AEROSPACE

As part of the National Aeronautics and Space Administration (NASA)'s Artemis campaign, astronauts returning to the Moon will utilize a human-rated unpressurized lunar terrain vehicle to expand their exploration of the lunar surface, facilitating a wider range of scientific discoveries. NASA's Johnson Space Center engineers in Houston are currently designing a prototype of this unpressurized rover, known as the ground test unit, to support the crewed Artemis missions.

Source: [NASA](#)

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BUSINESS UPDATES

The Indian Army has signed its eighth procurement contract through the Innovations for Defence Excellence (iDEX) initiative with QuNu Labs. The agreement focuses on deploying a 200 kilometer single-hop quantum key distribution system, proposed by QuNu Labs. The technology will replace traditional algorithm-based encryption methods, offering significantly enhanced security and reducing the manpower required for maintenance.

Source: [Press Information Bureau](#)

Hindustan Aeronautics Limited delivers the first *AL-31FP* aero engine, manufactured under the 240-engine contract, to the Indian Air Force at its Koraput facility in Odisha.

Source: [HAL](#)

On September 30, 2024, Lockheed Martin, in collaboration with Intel's Altera, successfully completed a flight demonstration of its twelfth generation electronic warfare transceiver. The project, known as ship-enabled wideband transceiver integrated flight test or SWIFT, is conducted under the aegis of the office of the under secretary of defense for research and engineering.

Source: [Lockheed Martin](#)

GOVERNMENT UPDATES

On October 01, 2024, Secretary of state Antony J. Blinken met with Indian external affairs minister Subrahmanyam Jaishankar in Washington, D.C. They discussed coordinating closely on regional and global challenges and advancing cooperation on critical and emerging technologies. Jaishankar also conducted meetings with national security advisor Jake Sullivan and assistant to the U.S. president and national security advisor to the U.S. vice president Phil Gordon. The Carnegie Endowment for International Peace hosted a conversation between Jaishankar and its president Mariano-Florentino (Tino) Cuellar on the future of U.S.-India relations.

Source: [U.S. Department of State](#), [Phil Gordon Twitter](#), [Carnegie Endowment](#)

The U.S. mission to India announces the release of 250,000 additional visa appointments for Indian travelers, including tourists, students, and skilled workers.

Source: [U.S. Embassy and Consulates in India](#)

Union minister Piyush Goyal visited the U.S. from September 30 to October 3, 2024. He co-chaired the India-U.S. CEO forum with secretary of commerce Gina Raimondo on October 02, 2024, and the sixth India-U.S. commercial dialogue on October 03, 2024, in Washington, D.C.

Source: [Press Information Bureau](#)

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The union cabinet, chaired by Prime Minister Narendra Modi, approves India's signing of a letter of intent to join the international energy efficiency hub. The global platform promotes collaboration and advances energy efficiency initiatives across the world.

Source: [Press Information Bureau](#)

The Indian Army, in collaboration with the centre for land warfare studies, hosted the second edition of the *Chanakya Defence Dialogue-2024* from October 24, 2024, to October 25, 2024, at the Manekshaw Centre, New Delhi.

Source: [Press Information Bureau](#)

The Indian Navy's 2024 Indo-Pacific regional dialogue, an apex-level international conference, took place in New Delhi from October 03, 2024, to October 05, 2024.

Source: [Press Information Bureau](#)

Secretary of state Antony J. Blinken spoke with French minister Jean-Noël Barrot, emphasizing diplomatic efforts to prevent escalation in Lebanon and Gaza.

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

On October 02, 2024, secretary of state Antony J. Blinken spoke with his counterparts from the Transatlantic Quint from the UK, Germany, France, and Italy. They discussed Iran's unprecedented attack on Israel and the importance of coordinating a response.

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

The U.S. Navy and counterparts from the Philippines, New Zealand, Australia, and Japan conducted a maritime cooperation activity within the Philippines' exclusive economic zone in the South China Sea.

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

India and Germany held the seventeenth edition of the military cooperation sub group meeting in Berlin from October 01, 2024, to October 02, 2024.

Source: [Press Information Bureau](#)

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TENDERS AND REQUEST FOR PROPOSALS

General Dynamics Electric Boat Corp. secures a \$376.78 million contract for lead yard support, and development studies and design efforts related to Virginia-class submarines.

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

Raytheon Co. receives a \$73 million contract for hypersonic attack cruise missile manufacturing capacity enhancement.

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

Space Coast Intelligent Solutions secures a \$15.50 million contract for nuclear data evaluation services. The contract provides maintenance and improvement of a software suite and hardware systems developed to manage sample logistics and analytical information of nuclear laboratory materials

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

Parallax Advanced Research Corp. secures a \$8.99 million contract for autonomous sensing technologies for exploration and research with intelligent assistance.

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

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About Us



IndUS Tech Council (IndUS Tech) is a Washington D.C. and New Delhi-based organization focused on accelerating U.S.-India technology collaboration, innovation, and investments. IndUS Tech's mission is to position the U.S.-India technology ecosystem for global innovation through thought leadership, policy advocacy, and facilitating collaborative partnerships between the two nations' private sectors.

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