



JUNE 2022

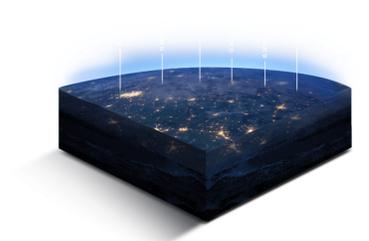


Autonomous challenge sponsored by Boeing and NATO highlights innovation in unmanned systems

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The joint Boeing -- NATO PROJECT X innovation challenge -- a three-month-long innovation challenge aimed at generating new ideas for autonomous systems to reach inaccessible locations and improve situational awareness -- enabled teams from universities in the Netherlands to propose and test new approaches and technologies.

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RF geolocation data from Kleos Space will aid U.S. Navy with maritime domain awareness

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Kleos Space and the U.S. Navy have signed an agreement under which Kleos will provide the Naval Surface Warfare Center Division, Crane (NSWC Crane) with its radio frequency (RF) geolocation data in realistic test scenarios to improve maritime domain awareness for real-world challenges.

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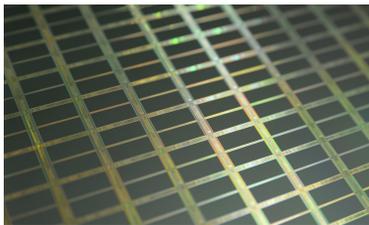


Fire Scout UAS deployed to Indo-Pacific by Navy

JOHN MCHALE, GROUP EDITORIAL DIRECTOR

U.S. Navy leaders deployed the MQ-8C Fire Scout autonomous, runway-independent helicopter system, to the Indo-Pacific Area of Responsibility aboard the USS Jackson (LCS-6) to deliver improved maritime intelligence, surveillance, reconnaissance and targeting (ISR&T) capability to military commanders. This is the unmanned aircraft system's (UAS's) second operational deployment.

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Micross Components acquires PAAL Technologies, expands hi-rel components offerings

LISA DAIGLE, ASSISTANT MANAGING EDITOR

High-reliability microelectronics provider Micross Components has announced that it acquired PAAL Technologies (Sunrise, Florida), in a deal that Micross officials say will expand the company's high-rel portfolio.

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Vicor opens new 90,000 sq. ft. fabrication facility in Andover, Massachusetts

LISA DAIGLE, ASSISTANT MANAGING EDITOR

High-performance power module maker Vicor held an official opening and ribbon-cutting on May 18 for its new 90,000-square-foot manufacturing facility in Andover, Massachusetts.

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Military ISR market to be driven by global investments in advanced aviation, study predicts

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The global market for intelligence, surveillance, and

reconnaissance (ISR) equipment used for military purposes will be driven over the next decade by increased investments in countries' air and missile-defense capabilities plus an increase in terrorist activities around the globe. according to a new study from Visiongain, "Military Airborne Intelligence, Surveillance & Reconnaissance (ISR) Technologies Market Report 2022-2032."

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Open-architecture ground system used by USAF subject of new contract with Raytheon Intelligence & Space

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Raytheon Intelligence & Space (RI&S) has won a five-year indefinite-delivery/indefinite-quantity (ID/IQ) contract to continue geospatial intelligence (GEOINT) system mission support and training for the U.S. Air Force's Distributed Common Ground System (DCGS) and Air National Guard locations around the world.

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Global market for targeting pods to reach \$6.02 billion by 2027, study says

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The global market for targeting pods -- valued at \$3.87 billion in 2020 -- is expected to reach \$6.02 billion by 2027, a combined annual growth rate (CAGR) of 6.5% CAGR, according to a recent study by Brandessence Market Research & Consulting, "Global Targeting Pods

Market: Global Size, Trends, Competitive, Historical & Forecast Analysis, 2021-2027."

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The Space Force, Lagrange points, xenomorphs, and the Kill Web

RAY ALDERMAN, VITA

So far, we have studied how the U.S. Army (IBCS) and Navy (CEC) programs have been conducting experiments, to integrate their weapons and ISR (intelligence, surveillance, and reconnaissance) systems into the Kill Web mesh network. Now, let's take a look at what the Space Force is doing. The Space Force was formed as the fourth armed service in 2019 and operates under the Air Force.

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Counter-UAS system for U.S. Marine Corps debuts U.S. production phase

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Production of the Kongsberg Marine Air Defense Integrated System (MADIS) Remote Weapon Station (RWS) counter-unmanned aerial system (C-UAS) has transitioned from Kongsberg, Norway to Kongsberg Protech Systems USA in Johnstown, Pennsylvania, with the first system completing assembly and testing during March 2022.

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