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Military AI brought to you by the editors of [Militaryembedded.com](https://militaryembedded.com) focuses on artificial intelligence technology in the defense and aerospace domain, bringing readers coverage on machine learning, neural networks, and deep learning techniques leveraged in military and aerospace applications.

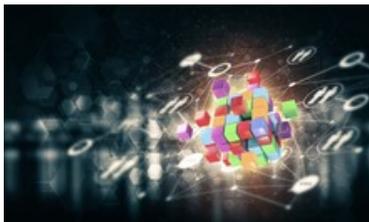


Big data to populate immersive environments through Army XR research

EMMA HELFRICH, ASSOCIATE EDITOR

U.S. Army researchers developed a system that populates immersive environments with complex, heterogeneous data, intended to allow warfighters to retrieve relevant information quickly in support of mission-critical decisions.

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Battlefield data sharing to be enhanced with Army cybersecurity research

EMMA HELFRICH, ASSOCIATE EDITOR

U.S. Army researchers have developed a tool that will aim to enhance warfighter data sharing across various platforms by addressing cyber, physical, and cyber-physical threats, and making privacy-preserving data sharing easier for the warfighter.

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Blended radio frequency resource manager for UAVs in development

EMMA HELFRICH, ASSOCIATE EDITOR

Perspecta Inc. announced today that its applied research arm, Perspecta Labs, has received a contract option and modification for work on phase 3 of the U.S. Defense Advanced Research Projects Agency's (DARPA's) Converged Collaborative Elements for radio frequency (RF) Task Operations (CONCERTO) program. These awards build upon phase 2 implementation and demonstration and have a combined value of \$5.1 million.

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Artificial intelligence technology to build data pipelines for DoD

EMMA HELFRICH, ASSOCIATE EDITOR

Summit2Sea Consulting, information technology and management consulting firm, has been selected by the Department of Defense (DoD) to prototype the Humanless Unmatched Transaction (HUnT) solution for the DoD.

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Loyal Wingman unmanned aircraft taxis on its own power

EMMA HELFRICH, ASSOCIATE EDITOR

The Boeing Loyal Wingman aircraft being developed with the Royal Australian Air Force (RAAF) recently moved under its own power for the first time, a milestone for the aircraft that's expected to make its first flight this year.

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AI-powered cyber attack mitigation contract won by Parsons

EMMA HELFRICH, ASSOCIATE EDITOR

Parsons Corporation was awarded the SharkSeer 2.0 task order under the Defense Information Systems Agency's (DISA) Systems Engineering, Technology, and Innovation (SETI) contract. The firm-fixed price contract includes one base year and four option years, which, if exercised, will provide for a total potential value of \$28 million.

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Unmanned air platform deemed ROBOpilot undergoes more flight tests

EMMA HELFRICH, ASSOCIATE EDITOR

Flight testing of the ROBOpilot unmanned air platform has been resumed by the Air Force Research Laboratory (AFRL) Center for Rapid Innovation (CRI) and DZYNE Technologies Incorporated. The platform completed a fourth flight test at Dugway Proving Ground, Utah, during which ROBOpilot flew for approximately 2.2 hours, completing all test objectives.

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AI assist will help enable human-scale robotic systems for USAF

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Sarcos Defense (a wholly-owned subsidiary of Sarcos Robotics) has won a contract from the Air Force Technology Acceleratory Program (AFWERX) to develop an artificial intelligence (AI) platform on behalf of Sarcos customer The Center for Rapid Innovation (CRI) at Air Force Research Labs (AFRL) that will enable human-like robotic systems.

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Predictive analytics and data visualization in development for AFSAC Directorate

EMMA HELFRICH, ASSOCIATE EDITOR

Knowesis, company specializing in data analysis and strategic communications, has won the Data Visualization and Analytics (DVA) Services contract in support of the Air Force Security Assistance and Cooperation (AFSAC) Directorate, a component responsible for ensuring the delivery of air systems and airpower deployment around the globe.

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Webcast: Making the Grade with Linux and Cybersecurity at the Intelligent Edge

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As intelligent edge deployments accelerate, we have reached a crossroads where many are being forced to choose between the accessibility, ease of use, flexibility, and leading-edge capabilities of open source software and the safety and security of systems in the field. How we proceed has the potential to lead massive transformation in the embedded industry.

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