



MAY 2022

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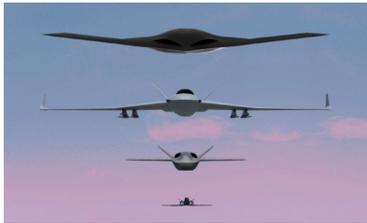


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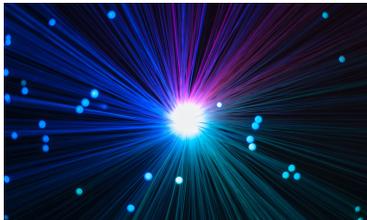


Evolution class of AI-powered UAS unveiled by GA-ASI

EMMA HELFRICH, TECHNOLOGY EDITOR

General Atomics Aeronautical Systems, Inc. (GA-ASI) has announced a new category of future-forward unmanned aircraft systems (UAS), designed with a focus on information dominance and airspace supremacy.

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Open systems-based AI/IoT network for cyber, space, air domains ordered by U.S. Air Force

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Software-infrastructure company Ditto has won a contract worth as much as \$950 million from the U.S. Air Force (USAF) that calls for Ditto to develop its open systems-based Intelligent Edge Platform to power the USAF's Advanced Battlefield Management System (ABMS).

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Mission data solution in development for Space Systems Commands

EMMA HELFRICH, TECHNOLOGY EDITOR

BAE Systems announced that the company will be developing the mission data framework for Space Systems Command's Enterprise Management and Control (EM&C) system.

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AI-based combat medical assistant project being developed by Raytheon BBN and DARPA

LISA DAIGLE, ASSISTANT MANAGING EDITOR

A team led by engineers at Raytheon BBN and joined by scientists from the Defense Advanced Research Projects Agency (DARPA) will develop an artificial intelligence (AI) tool called Medical Assistance, Guidance, Instruction and Correction (MAGIC) that endeavors to assist combat field medics in 50 medical skills applied during common procedures.

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Defense data readiness goal of SGS-won AI development contract

EMMA HELFRICH, TECHNOLOGY EDITOR

SparkCognition Government Systems (SGS), company specializing in artificial intelligence (AI) solutions for defense and national security, announced it has been awarded to the Data Readiness Artificial Intelligence Development (DRAID) Program through the Joint Artificial Intelligence Center (JAIC).

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AI for military use projected to reach a value of \$13.71 billion by 2028, study says

LISA DAIGLE, ASSISTANT MANAGING EDITOR



Artificial intelligence (AI) used in military applications, valued at \$6.62 billion in 2021, is projected to reach a value of \$13.71 billion by 2028, a combined annual growth rate (CAGR) of 12.9% over the forecast period, according to a study from Vantage Market Research, "Artificial Intelligence In Military Market."

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Software modernization strategy published by DoD

EMMA HELFRICH, TECHNOLOGY EDITOR

The Department of Defense's (DoD) Software Modernization Strategy was published Feb. 1. According to officials, the report focuses on how delivering a more lethal force would require the ability to evolve and adapt faster than adversaries.

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AI-powered surveillance cameras to be delivered to Scandinavia

EMMA HELFRICH, TECHNOLOGY EDITOR

HENSOLDT announced that the company will be supplying 17 high-performance cameras to an unspecified country within Scandinavia. At the customer's site, the cameras, which are equipped with a laser rangefinder, will be used for national border surveillance on land and at sea.

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AI-based air traffic management in development with SGS

EMMA HELFRICH, TECHNOLOGY EDITOR

SparkCognition Government Systems (SGS) has announced its partnership with SkyGrid and LIFT Aircraft Inc. The companies will apply artificial intelligence (AI) and blockchain technology to manage the airspace for autonomous vehicles, specifically HEXA, LIFT's electric vertical take-off and landing (eVTOL) aircraft.

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Unlocking the Value of AI in Defense

ADLINK TECHNOLOGY

AI is viewed as highly important to defense organizations' strategy now and in the future. AI-enabled solutions help defense organizations improve their mission effectiveness and decision-making through both military-specific and noncombat-focused applications.

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FACE 3.1 Enhancements. What Could Possibly Go Wrong?

COLLINS AEROSPACE/LDRA TECHNOLOGY/LYNX SOFTWARE TECHNOLOGIES

This white paper is an educational piece jointly penned by a defence systems OEM, a tier one RTOS provider and a FACE Verification Authority. It introduces the principles and benefits of the FACE standard, how FACE systems are constructed and explains the path to achieve conformance to the standard.

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