

JANUARY 2021



Top 10 military embedded blogs of 2020

JOHN MCHALE, EDITORIAL DIRECTOR

Our most popular blogs on MilitaryEmbedded.com from 2020 covered topics by guest bloggers from VITA, Crystal Group, Winmate, Curtiss-Wright, and Advantech on subjects such as 6G -stealth fighter planes, hardware security trust, UFOs, rugged tablets, tensors, unmanned fighter jets, small form factors, the kill web and more. Check them out below.

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Defense Dept. awards IBM a spot on project to develop trusted, resilient microelectronics for U.S. defense use

LISA DAIGLE, ASSISTANT MANAGING EDITOR

IBM has entered into a Phase 1 Other Transactions Agreement with Naval Surface Warfare Center (NSWC) Crane Division within the U.S. Department of Defense (DoD) to support advancing U.S. microelectronics technology.

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AI in government calls for more coordinated approach and leveraging partnerships, forum attendees assert

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The Center for Public Policy Innovation (CPPI) and the Homeland Security and Defense Forum (HSDF) -- which held a virtual symposium in October 2020 it called "Artificial Intelligence: Transforming the Government Mission" -- released its report on the symposium, in which the participants conclude that the most critical aspect of the use of artificial intelligence (AI) by the U.S. federal government is creating a secure supply chain and ensuring that security is built in from the beginning into

the government's IT infrastructure, including in agencies' hardware, software, and cloud services.

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Cyber offense the best defense for military organizations, study says

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The best way for countries to secure their military and civilian cyber capabilities is through cooperation with other states: This is one of the findings of a recent market study from GlobalData, "Cybersecurity in Defense -- Thematic Research."

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Communications and cyber challenges persist in military and defense realms, study finds

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Even as the U.S. Department of Defense (DoD) makes changes to improve its communications technologies, a new study -- conducted by the Government Business Council, the research division of Government Executive Media Group and communications company Viasat -- reveals that a number of challenges remain in the military's quest to deploy a successful military communications technology strategy for the multidomain battlefield.

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Cyber-intelligence platforms to see investments as cybersecurity threats evolve

EMMA HELFRICH, ASSOCIATE EDITOR

Frost & Sullivan's recent analysis "Managed and Professional Security Services Market in the Americas, Forecast to 2024" finds that the combination of escalating cyber risks and security personnel shortages propels market demand and presents challenges for organizations.

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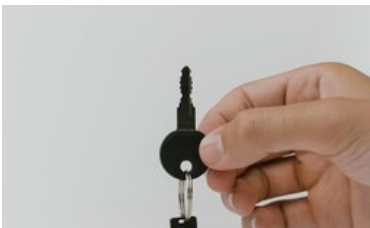


Virtual cyber training range in development with U.S., Australia

EMMA HELFRICH, ASSOCIATE EDITOR

The U.S. and Australia have launched the first agreement to continuously develop a virtual cyber training range. Both nations signed the Cyber Training Capabilities Project Arrangement Nov. 3. The bilateral, international agreement is intended to enable U.S. Cyber Command to incorporate Australian Defense Force feedback into Cybercom's simulated training domain, the Persistent Cyber Training Environment (PCTE).

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Cybersecurity regulations enacted at DoD in effort to help secure supply chain

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The U.S. Department of Defense (DoD) enacted on December 1, 2020 what it calls the Cybersecurity Maturity Model Certification (CMMC), a series of requirements that will become part of all DoD Requests for Information; the ability of contractors to bid on certain types of work with the DoD will depend on their CMMC status going forward.

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National Cyber Force to transform U.K.'s cybersecurity operations

EMMA HELFRICH, ASSOCIATE EDITOR

The United Kingdom's Prime Minister (PM) has announced that the new National Cyber Force (NCF) is

helping to transform the U.K.'s cyber capabilities to disrupt adversaries and keep the U.K. safe.

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An advertisement for "The Military Embedded Systems E-letter". On the left, it says "Military EMBEDDED SYSTEMS" over a background of circuit boards. The main text reads "The Military Embedded Systems E-letter" and "The best way to reach your customers with product profiles and sponsorships." To the right, there are three small images: a green microchip, a circular diagram with various colored segments, and a text box titled "Backup PNT methods are essential for GPS-denied environments" with a sub-heading "Develop methods of position, navigation, and timing (PNT) and". A large white button with a black border says "Click to Learn More".

