CYBER DEFENSE REPORT

SEPTEMBER 2021

ConfigOS software to automate cyber requirements for CMMC initiative

EMMA HELFRICH, TECHNOLOGY EDITOR

SteelCloud LLC, a Security Technical Implementation Guide and Center for Internet Security compliance automation software developer, announced that they now have a sixth contractor who has chosen to leverage its ConfigOS compliance software to automate the cyber hygiene requirements of the Department of Defense's (DoD) Cybersecurity Maturity Model Certification (CMMC) initiative.

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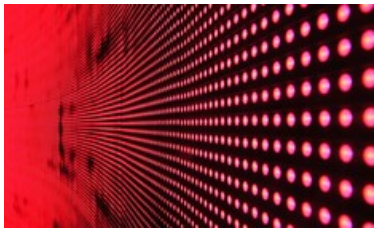

Defense spending related to quantum computing would get boost under two proposed Senate bills

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Two U.S. senators -- Maggie Hassan, D-N.H., and John Thune, R-S.D. -- have sponsored legislation that seeks to direct additional funding to the U.S. Department of Defense (DoD) for the further development of quantum computers used in national defense and security.

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Cybersecurity contract with AFRL signed with Xage Security intends to protect flightline ops

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Industrial security company Xage Security has won a contract with the Air Force Research Lab (AFRL) to digitize and secure flightline maintenance operations.

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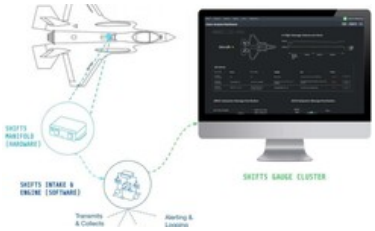

Predictive maintenance solution uses platform data to increase operational readiness

EMMA HELFRICH, TECHNOLOGY EDITOR

Shift5, Inc., an operational technology data and cyber security company, has released a solution for real-time predictive maintenance technology for Department of Defense (DoD) weapon systems. The solution combines hardware and software so platform owners and operators can gain visibility into their fleet health status to decrease maintenance costs and increase operational readiness.

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Cyber task order worth $618 million for U.S. intelligence community garnered by Parsons Corporation

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Cybersecurity and intelligence engineering firm Parsons won a contract worth $618 million with the U.S. General Services Administration (GSA) for professional services that advance the intelligence community's global cyber and intelligence technologies for C5ISR [command, control, communications, computers, cyber, intelligence, surveillance, and reconnaissance], exercise, operations, and information services (CEOIS).

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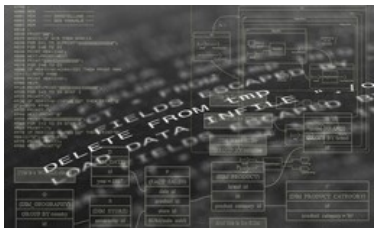

Cyber tools and solutions in development for USMC cyberspace command

EMMA HELFRICH, TECHNOLOGY EDITOR

Perspecta Inc., a U.S. government services provider, announced that it was selected to develop cyber tools and solutions for the U.S. Marine Corps Forces Cyberspace Command (MARFORCYBER).

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U.S. cybersecurity to get boost following executive order

LISA DAIGLE, ASSISTANT MANAGING EDITOR

President Joe Biden signed an executive order Wednesday (May 12) that is intended to harden the U.S. federal government's cybersecurity defenses, as the

administration tackles a number of overlapping cyberintrusions.

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Digital transformation for U.S. Navy supported by NGC cyber capabilities

EMMA HELFRICH, TECHNOLOGY EDITOR

As a competitor in the DevSecOps industry, Northrop Grumman announced that the company is drawing its Lean-Agile system and software development experience to help the U.S. Navy reach its goal of combat system speed-to-fleet vision.

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Data fusion and digital ecosystems to achieve robust situational awareness

EMMA HELFRICH, TECHNOLOGY EDITOR

CAE announced that CAE USA has won a contract valued at more than $135 million, including options, by the United States Special Operations Command (USSOCOM) to lead integration efforts for the Special Operations Forces (SOF) Global Situational Awareness initiative. USSOCOM has exercised the first option of the contract valued at more than $19 million.

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Hardware-based Anti-tamper Security

RAMBUS

For the highest level of anti-tamper protection, the Rambus Root of Trust (RT-600 series) is at the forefront of a new category of programmable hardware-based security cores. Siloed from the primary processor, it is designed to securely run sensitive code, processes and algorithms.

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When Delays Mean Danger: Enabling Safety Critical Sensor Fusion in Today's Rugged Airborne Applications

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