

CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // November 22, 2022



U.S. Air Force

NOTABLE TECHNICAL INQUIRY

Is there an overarching Wi-Fi program for the U.S. Air Force?

The Cybersecurity & Information Systems Information Analysis Center (CSIAC) was tasked with researching and identifying if there is an all-encompassing wireless technology program for wireless communications on flight lines used by the U.S. Air Force. CSIAC identified a number of wireless standards provided by the U.S. Department of Defense, various modern wireless technologies being used to improve wireless connection on flight lines and hangars, and standard processes used to effectively and efficiently implement these wireless technologies. [READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:
Simulation-Based Testing for DoD Software

DATE:
December 7, 2022

TIME:
12:00 PM

PRESENTED BY:
Jeremy Loomis, Alex Matthews

HOST:
CSIAC



VOICE FROM THE COMMUNITY

Art Wilson

Senior Vice President, Intelligence Programs at Owl Cyber Defense

Art Wilson is an experienced executive with demonstrated success delivering computer, information, and network security solutions. He is a strong information technology professional skilled in information security, cross-domain solutions, information assurance, security-enhanced Linux, security assessments, and reverse engineering and has over 30 years of experience working with end users and customers to define architectures and solutions.

ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are an SME!

Join our team today!

**BECOME A SUBJECT
MATTER EXPERT**



HIGHLIGHT

Can AI Teach AI? DARPA Explores How AI Tutoring Can Help Adult Learners

New opportunity seeks artificial intelligence (AI) technologies to help adults learn complex subjects required for national security, such as AI engineering.

The way people work is shifting; acquiring new skill sets can help ensure the national security workforce keeps up with the evolving demands of modern-day society. The World Economic Forum predicts that by 2025, 50% of all workers worldwide will need reskilling in order to compete in the market. [LEARN MORE](#)

FEATURED NEWS

U.S. and Spain Announce the Development of a New Capacity Building Tool to Combat Ransomware

WASHINGTON – The Cybersecurity and Infrastructure Security Agency (CISA), in partnership with the U.S. Department of State and the Spanish Ministry of the Interior, announced a joint project last week to develop a capacity-building tool to help countries utilize public-private partnerships (PPPs) to combat ransomware. This project was developed as part of the Second International Counter Ransomware Initiative (CRI) Summit, which was convened in Washington, D.C. The CRI is a global coalition of 36 partner nations and the European Union dedicated to confronting the scourge of ransomware. [READ MORE](#)



Image: Shutterstock



WEBINARS

Simulation-Based Testing for DoD Software

Presented: December 7, 2022 12:00 PM - 1:00 PM

Presenter: Jeremy Loomis

Host: CSIAC

The discipline of software testing is changing to align with the automated processes of Agile DevSecOps. Automated testing is executed by running test scripts or scenarios against the System Under Test (SUT) without human intervention. With many types of software (such as U.S. Department of Defense [DoD] applications), a challenging aspect of this testing is generating synthetic data and activity to stimulate the SUT.

Modeling and simulation (M&S) can help by providing representative test data from synthetic actors in a synthetic environment. Building on current M&S tools, a simulation-based testing (SBT) approach can inject synthetic test data into a continuous integration/continuous deployment (CI/CD) pipeline. **LEARN MORE**

EVENTS

I/ITSEC 2022

November 28–December 2, 2022



Image: Shutterstock

DoDIIS Worldwide

December 12–15, 2022



Image: DVIDS

18th International Conference on Cyber Warfare and Security (ICCWS)

March 9–10, 2023



Image: Pexels

Want your event listed here?

Email contact@csiac.org, to share your event.

DID YOU MISS OUR LAST WEBINAR?

“Users Are Not Stupid: Eight Cybersecurity Pitfalls Overturned”

 **WATCH NOW!**

[or download the slides](#)



-  Cybersecurity
-  Knowledge Management & Information Sharing
-  Modeling & Simulation
-  Software Data & Analysis

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RECENT NEWS



Killnet Targets Multiple U.S. Organizations in DDoS Attacks

New Jersey Cybersecurity & Communications Integration Cell



Winners Announced in First Phase of UK-US Privacy-Enhancing Technologies Prize Challenges

The DoD Cyber Exchange



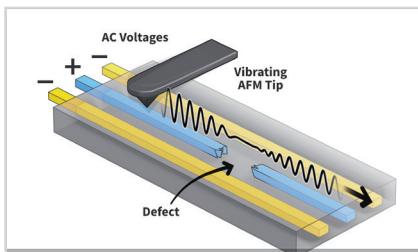
NSA Releases Guidance on How to Protect Against Software Memory Safety Issues

NSA



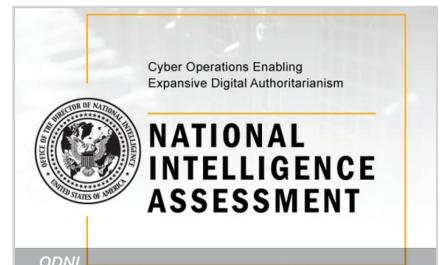
AFGSC Saves Millions, Increases Safety Through Commercial Solution Proposal

U.S. Air Force



Entering a New Phase: NIST Technique Simultaneously Locates Multiple Defects on Microchip Circuits

NIST



Cyber Operations Enabling Expansive Digital Authoritarianism

CISA