

# CYBERSECURITY AWARENESS MONTH

**SPECIAL EDITION:** Cybersecurity & Information Systems Digest // October 31, 2023



Celebrating 20 Years

**CYBERSECURITY  
AWARENESS  
MONTH**

## CYBERSECURITY AWARENESS MONTH

October is dedicated to increasing public awareness of the importance of cybersecurity. Cyber threats have become more sophisticated and detrimental to our community, making it more critical than ever to be proactive in reducing online risks.

CSIAC brings you the most current resources to help maximize knowledge and stay cyber safe. Follow us on LinkedIn, Facebook, Instagram, X, or YouTube for the latest news and tips.

### DID YOU MISS OUR LAST WEBINAR?

“Modeling and Simulation on  
the Final Frontier With AFSIM”

[CAC holders can view the CUI slides  
via DoDTechipedia](#)

## NOTABLE TECHNICAL INQUIRY

**What major advancements are proposed by 6G, and when is it projected to deploy?**

The Cybersecurity and Information Systems Information Analysis Center (CSIAC) was tasked with researching and recognizing improvements to 6G networks compared to 5G. The inquirer also wanted to know when 6G networks are expected to be deployed. CSIAC identified the differences in... [READ MORE](#)

## UPCOMING WEBINAR



**Mirage: Cyber Deception  
Against Autonomous Cyber  
Attacks**

November 7, 2023  
12:00 PM – 1:00 PM

*Presenters:* Michael Kouremetis, Ron Alford, Dean Lawrence *Host:* CSIAC

The enhancements in search and neural network classifiers, as well as computing advancements, led to the creation of the AlphaGo system, which can outperform the world’s best human Go players. Therefore, observers in many domains may reasonably wonder: if a game with a branching... [READ MORE](#)

## FUTURE WEBINARS

**Optimization Techniques:  
Improving Effectiveness...**

December 12, 2023  
12:00 PM – 1:00 PM

**The Art and Science  
of Metawar**

February 7, 2024  
12:00 PM – 1:00 PM



## HIGHLIGHT

### NSA and CISA Advise on Top Ten Cybersecurity Misconfigurations

FORT MEADE, Md. - The National Security Agency (NSA) and the Cybersecurity and Infrastructure Security Agency (CISA) are releasing a joint Cybersecurity Advisory (CSA) highlighting the top 10 most common cybersecurity misconfigurations found in large organizations' networks. The CSA details tactics, techniques, and procedures (TTPs) that cyber actors could use to compromise these networks, as well as mitigations to defend against this threat. [LEARN MORE](#)

## EVENTS

### I/ITSEC 2023

November 27–December 1, 2023  
Orlando, FL

### DODIIS Worldwide

December 12–14, 2023  
Portland, OR

### Gartner IT Infrastructure, Operations & Cloud Strategies Conference

December 5–7, 2023  
Las Vegas, NV

### Want your event listed here?

Email [contact@csiac.org](mailto:contact@csiac.org) to share your event.

### The CyberMaryland Conference

December 6–7, 2023  
Hyattsville, MD



## VOICE FROM THE COMMUNITY

### Stefan Jansson

*Senior Cybersecurity Consultant*

Stefan Jansson has a background in private and government work in the United States and Sweden. His current assignments include cybersecurity architecture support for a manufacturing company, compliance support for a pharmaceutical company, and a few National Institute of Standards and Technology-based holistic cybersecurity assessments. He is a problem solver who uses compliance, frameworks, audits and assessments to improve cybersecurity.

## 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 a subject matter expert (SME)!

Join our team today!

**BECOME A SUBJECT  
MATTER EXPERT**

## ABOUT TECHNICAL INQUIRIES (TIs)

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### WHAT IS THE TI RESEARCH SERVICE?

- FREE service conducted by technical analysts
- 4 hours of information research
- Response in 10 business days or less

### WHO CAN SUBMIT A TI?

- U.S. government (federal, state, or local)
- Military personnel
- Contractors working on a government or military contract

### WHY UTILIZE THE TI RESEARCH SERVICE?

- Get a head start on your technical questions or studies
- Discover hard-to-find information
- Find and connect with other subject matter experts in the field
- Reduce redundancy of efforts across the government

To submit a TI, go to <https://csiac.org/technical-inquiries>

## FOR MORE: FOLLOW US ON SOCIAL!

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## RECENT CSIAC TIs

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- What are the most frequently used cellular bands across the world by region/country?
- Can you provide information on the feasibility of incorporating radio frequency ray-tracing in a virtual, mixed, or augmented reality environment to create a realistic training modality for communication systems?
- What video-editing software is approved for government Linux systems?

## RECENT DSIAC & HDIAC TIs

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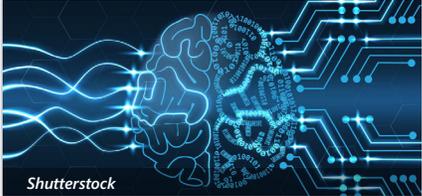
- What information is available on investigating shock transmission through dissimilar metal interfaces (e.g., impact or explosive welding)?
- What research has been conducted on decontaminating/sanitizing military equipment to ensure it is free from biohazards before shipping outside the continental United States?
- Can you provide historical chemical agent permeation testing using polyethylene film under the fabric swatch to simulate skin?

## FEATURED NEWS

### A New Take on Modeling & Simulation for Improved Autonomy

Multiple factors limit the potential of modern autonomous systems (e.g., self-driving vehicles and uncrewed aircraft and watercraft). [READ MORE](#)

## RECENT NEWS



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**AI Research Robots Key to "Democratizing and Revolutionizing Science,"...**

U.S. Air Force 



Pixabay

**CISA, U.S., and International Partners Announce Updated Secure by Design Principles...**

CISA  



NSA

**Improving Security of Open Source Software in Operational Technology and Industrial Control Systems**

**NSA and U.S. Agencies Issue Best Practices for Open Source Software in Operational...**

NSA  



U.S. Army

**Army Research Enables Robots to Learn New Concepts**

U.S. Army 



NIST

**Selection Committee Announces Leaders to Operate the CHIPS for America National...**

NIST  



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**NETCOM, Army Continues Digital Migration Efforts**

U.S. Army 

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

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