

CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // August 29, 2023



STATE-OF-THE-ART REPORT (SOAR)

CSIAC is pleased to announce publication of our latest State-of-the-Art Report (SOAR) "Edge Computing and Communications Over Untrusted Transport."

This publication provides in-depth analysis of current technologies, research, and technical information within the CSIAC technical focus areas. [READ MORE](#)

DID YOU MISS OUR LAST WEBINAR?

"Emerging Developments in Cyberlaw"

 WATCH NOW!

[or download the slides](#)

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



The Bilateral Enterprise Analysis Model (BEAM)

September 13, 2023
12:00 PM – 1:00 PM

Presenters: Mark Gallagher, Ph.D., Stephen Sturgeon, Ph.D.

Host: CSIAC

The Bilateral Enterprise Analysis Model (BEAM) is a new joint campaign tool that enables easy analysis of strategy, force structure, or infrastructure changes. It has an enterprise resolution, which is less detailed than campaign simulations. Within BEAM's missions are the main modeling entities. [READ MORE](#)

FUTURE WEBINARS

Modeling and Simulation on the Final Frontier With AFSIM

October 18, 2023 12:00 PM – 1:00 PM



HIGHLIGHT

NIST Drafts Major Update to Its Widely Used Cybersecurity Framework

The world's leading cybersecurity guidance is getting its first complete makeover since its release nearly a decade ago.

After considering more than a year's worth of community feedback, the National Institute of Standards and Technology (NIST) has released a draft version of the Cybersecurity Framework (CSF) 2.0, a new version of a tool it first released in 2014 to help organizations understand, reduce,... [LEARN MORE](#)

EVENTS

**Securing the Future:
Navigating the Evolving
Threat Landscape**
August 29–31, 2023
Virginia Beach, VA

Peak Cyber Symposium
September 12–14, 2023
Colorado Springs, CO

Data Strategy & Insights
September 13–14, 2023
Austin, TX

National Cyber Summit
September 20–21, 2023
Huntsville, AL

**Gartner IT Infrastructure,
Operations & Cloud Strategies
Conference**
December 5–7, 2023
Las Vegas, NV

Want your event listed here?
Email contact@csiac.org, to share your event.



VOICE FROM THE COMMUNITY

Andrew Bonica
*Senior Aerospace & Defense Industry
Subject Matter Expert*

Andrew Bonica is a Marine Corps veteran with over two decades of experience across the defense industry. A former U.S. Department of Defense civilian, he currently leads the Model-Based Acquisition strategy and has been advancing the digitalization of defense acquisitions and systems development at Dassault Systèmes.

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)

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!



RECENT CSIAC TIs

- Can you identify a TRL 8/9 NSA encryption device for AFSOC Comms?
- What COTS/GOTS technologies are available to aid operators in automated annotation of photos and video collected during a mission to classify objects of interest?
- Are there any Information Operations Lessons Learned Studies on the Russian-Ukraine war?

RECENT DSIAC & HDIAC TIs

- What is the specific ballistics rating of the aircrew compartment's armor for the KC-46 (B767 Tanker)?
- Can you help find older U.S. Air Force Armament and Test Laboratory reports on the BQM-34 Firebee drone?
- What technical documents discuss using AI for detecting the proliferation/counterproliferation of WMD materials?

FEATURED NEWS

DoD Releases Plan for Implementing Cyber Workforce Strategy

In February, Deputy Defense Secretary Kathleen H. Hicks signed the U.S. Department of Defense (DoD) Cyber Workforce Strategy, which sets the foundation for how the DoD will foster a cyber workforce capable of executing the department's complex and varied cyber missions. [READ MORE](#)

RECENT NEWS



Software Must Be Secure by Design, and Artificial Intelligence Is No Exception

CISA



DoD Announces Establishment of Generative AI Task Force

U.S. DoD



DARPA AI Cyber Challenge Aims to Secure Nation's Most Critical Software

DARPA



CISA, NSA, FBI, and International Partners Issue Advisory on the Top Routinely Exploited Vulnerabilities in 2022

NSA



AFRL Opens State-of-the-Art Extreme Computing Facility, Announces \$44 Million in Additional Funding

AFRL



Researchers Strengthen Defenses Against Common Cyberattack

Pacific Northwest National Laboratory



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

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