

CYBERSECURITY

& Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // January 11, 2022



[SUBMIT A TECHNICAL INQUIRY](#)

Shutterstock

NOTABLE TECHNICAL INQUIRY

How do end-users perceive their own password security practices, and how does this behavior differ from acceptable standards?

Even though technical solutions for security problems are widespread, there are no adequate security measures against precarious user behavior. Even if hashing and encrypting are used correctly in masking the passwords, attackers can bypass these strongpoints by going for the weakest link. Most likely, this will happen through sharing a password, using an already leaked password, or creating a feasibly guessable password (Olmstead & Smith, 2017). Furthermore, people seem to feel safe in cyberspace, even if they engage in risky behaviors... [READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:

Physical Cybersecurity: Using One-Way Data Diodes to Secure Asset Monitoring

DATE:

January 26, 2022

TIME:

12:00 PM

PRESENTED BY:

Tapan Patel, Colin Dunn

HOST:

CSIAC



VOICE FROM THE COMMUNITY

Renee Stock

Practice Leader, Government Contractors; Director of Risk Management

Renee has dedicated 16 years of her 20+ years in the insurance industry to government contract insurance and risk management for hundreds of clients. As a contracted educator for Independent Insurance Agents of Virginia, she has given many presentations to industry on cyber insurance and received the coveted CCIC designation from Carnegie Mellon in cybersecurity. She is a featured speaker at numerous conferences, events, and webinars and heavily active in the government contracting community. Renee provides proactive risk management, specializing in international coverage, management liability, and cyber liability.

**BECOME A SUBJECT
MATTER EXPERT**



NCSL

HIGHLIGHT

Immediate Steps to Strengthen Critical Infrastructure Against Potential Cyberattacks

In light of persistent and ongoing cyber threats, CISA urges critical infrastructure owners and operators to take immediate steps to strengthen their computer network defenses against potential cyberattacks. CISA has released "CISA Insights: Preparing for and Mitigating Potential Cyber Threats" to provide critical infrastructure leaders with steps to proactively strengthen their organization's operational resiliency against sophisticated threat actors, including nation-states and their proxies. [LEARN MORE](#)

FEATURED NEWS

U.S. CYBERCOM 2021: A Year in Review

Here are some of U.S. Cyber Command's (CYBERCOM's) most impactful moments of 2021:

Over the last year, the cybersecurity community has encountered new challenges and worked to adapt and respond in innovative ways. Ransomware is no longer considered just criminal activity but a threat to national defense and infrastructure; deterrence is conducted across multiple domains simultaneously; and the value of cyber defense partnerships across nations is reasserted again and again. [READ MORE](#)



Image: Defense.gov



[LEARN MORE](#)

Shutterstock

WEBINARS

Physical Cybersecurity: Using One-Way Data Diodes to Secure Asset Monitoring

Presented: January 26, 2022 12:00 PM - 1:00 PM

Presenter: Tapan Patel, Colin Dunn

Host: CSIAC

A new class of technology promises to combine the security of an “air gap” with the connectivity needed to efficiently manage both modern and legacy operational technology (OT) systems. In September 2021, the Department of Homeland Security (DHS) Critical Infrastructure Security Agency (CISA) recommended the use of one-way communication diodes to protect control systems in its release of “Critical Infrastructure Control Systems Cybersecurity Performance Goals and Objectives.” The technology category has been around for a while, protecting highly critical assets like nuclear power plants, but data diodes have seen dramatic advancements in capability and cost over the past few years.

[LEARN MORE](#)



Army.mil

Digital Transformation of SATCOM

February 23, 2022
12:00-12:45 PM

EVENTS

Optical Architectures for Displays and Sensing in Augmented, Virtual, and Mixed Reality (AR, VR, MR)

December 7-9, 2021



Image: Unsplash

RSA Conference

February 7-10, 2022

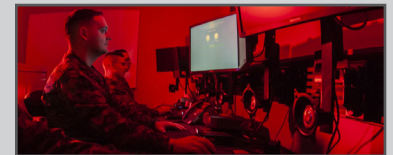


Image: DVIDS

Insider Threat Day at JHU/APL

February 23, 2022

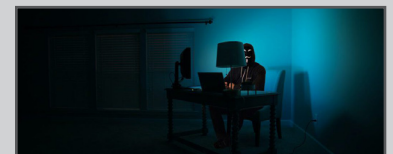


Image: Unsplash

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



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

The inclusion of hyperlinks does not constitute an endorsement by CSIAC or the U.S. Department of Defense (DoD) of the respective sites nor the information, products, or services contained therein. CSIAC is a Defense Technical Information Center (DTIC)-sponsored Information Analysis Center, with policy oversight provided by the Office of the Under Secretary of Defense for Research and Engineering (OUSD(R&E)). Reference herein to any specific commercial products, processes, or services by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the U.S. government or CSIAC.


4695 Millennium Drive Belcamp, MD 21017
443-360-4600 | info@csiac.org | csiac.org
Unsubscribe | Past Digests



RECENT NEWS




NSA and CISA Release Final Part IV of Guidance on Securing 5G Cloud Infrastructures

Cybersecurity 




NIST Names Joannie Chin as Director of Its Engineering Laboratory

Software Data & Analysis 





NSA's Cybersecurity Collaboration Center Celebrates Its First Year

Cybersecurity 




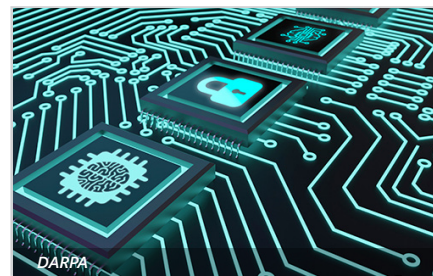
DARPA Open Sources Resources to Aid Evaluation of Adversarial AI Defenses

Cybersecurity; Modeling & Simulation  



National Cyber Director Unveils New Approach at Cyber War College Conference

Cybersecurity 



DARPA Joins Public-Private Partnership to Address Challenges Facing Microelectronics Advancement

Cybersecurity 