

CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // November 1, 2022

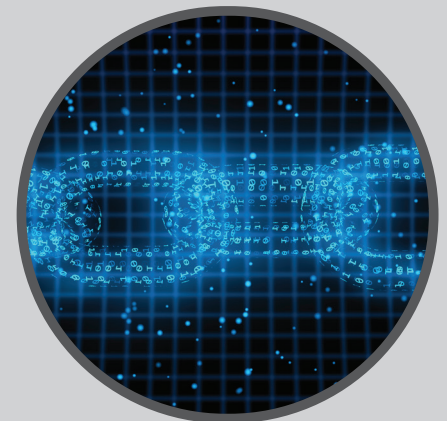
**UPDATE — CSIAC STATE-OF-THE-ART REPORT (SOAR) NOW PUBLISHED:
“Commodity Deep Learning Technologies Supporting Autonomy on Small, Inexpensive Platforms”**



NOTABLE TECHNICAL INQUIRY

How fast do artificial intelligence (AI)/machine-learning (ML) technologies transition from paper to fielded capability for the People's Republic of China (PRC)?

Cybersecurity and Information Systems Information Analysis Center (CSIAC) subject matter experts from BluePath Labs (BPL) attempted to answer how fast the PRC can transition AI/ML technologies from the lab to the field. Although information was difficult to obtain using open sources, they found that the speed of transition depended on sector and technology. [READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:

New Guidelines for Enhancing Software Supply Chain Security Under EO 14028

DATE:

November 3, 2022

TIME:

12:00 PM

PRESENTED BY:

Jon Boyens, Cherilyn Pascoe

HOST:

CSIAC



VOICE FROM THE COMMUNITY

Dr. Anthony Rhem
 CEO/Principal Consultant, A.J.
 Rhem & Associates (AJRA)

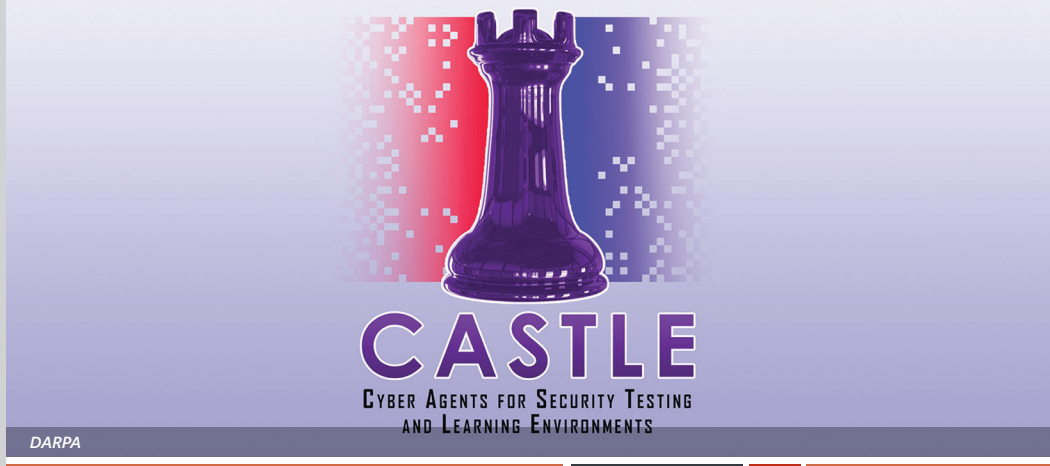
Dr. Anthony Rhem is a recognized thought leader, author, consultant, and advisor in artificial intelligence (AI), knowledge management (KM), big data, information architecture, and innovation. As CEO/principal consultant at AJRA (a consulting, training, and research firm specializing in KM and AI), he leads the work in AI research for Type-1 diabetes and small cell lung cancer and information architecture and knowledge graph technology implementations at Fortune 500 companies. He has written books on information architecture and AI/KM, which are set to be published this year and in 2024.

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

DARPA's CASTLE to Fortify Computer Networks

DARPA is accepting proposals using artificial intelligence (AI) to create realistic environments and train cyber agents to counter advanced persistent cyber threats. The Cyber Agents for Security Testing and Learning Environments (CASTLE) program seeks to improve cyber testing and evaluation by developing a toolkit that instantiates realistic network environments and trains AI agents to defend against advanced persistent cyber threats (APTs). Teams will use a class of machine learning known as reinforcement learning to automate the process of reducing vulnerabilities within a network. [LEARN MORE](#)

FEATURED NEWS

Space Force Embeds Cyber Squadrons Into Delta Missions

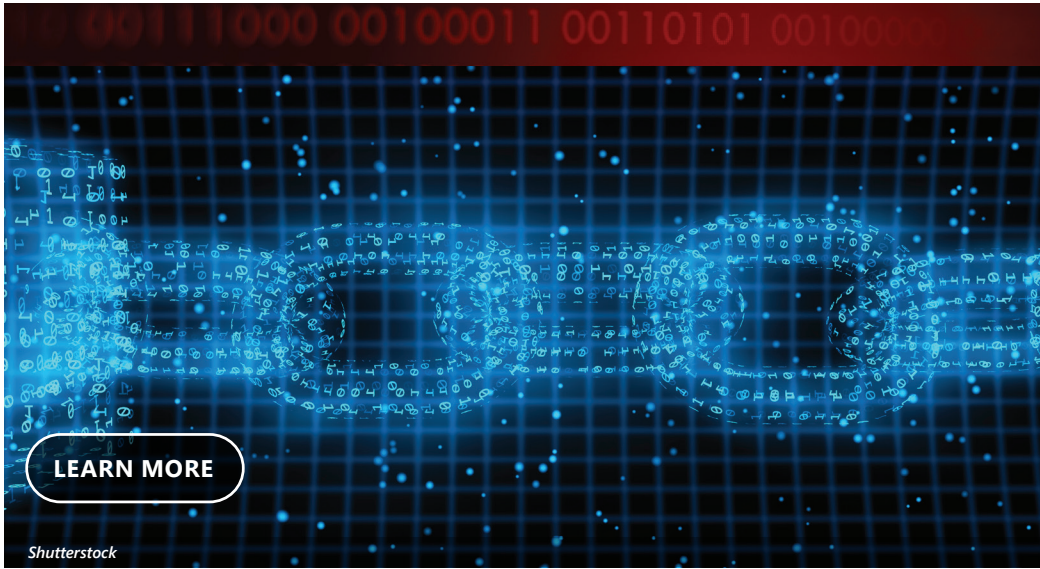
Schriever Space Force Base, Colo. — The Orbital Defense Initiation, or ODIN, is Space Delta 9's initial training course where new members gain common knowledge on orbital mechanics, warfare principles, current threats to space assets, and more.



However, their most recent graduation included Guardians wearing patches other than DEL 9's.

The three ODIN graduates from Space Delta 6's 69th Cyber Squadron are part of a U.S. Space Force initiative to embed cyber and intel capabilities into space operations squadrons to speed up decision making and... [READ MORE](#)

Image: U.S. DoD



EVENTS

ACM Computer and Communications Security 2022

November 7–11, 2022

Pen Test HackFest Summit & Training 2022

November 14–21, 2022

The Official Cyber Security Summit

November 18, 2022

I/ITSEC 2022

November 28–December 2, 2022

DoDIIS Worldwide

December 12–15, 2022

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

March 9–10, 2023

Want your event listed here?

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

WEBINARS

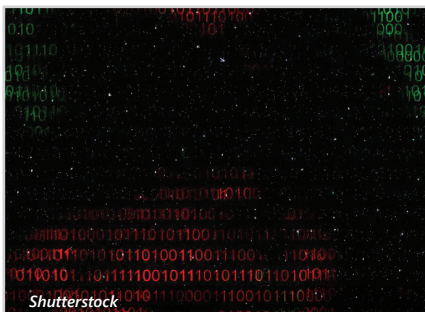
New Guidelines for Enhancing Software Supply Chain Security Under EO14028

Presented: November 3, 2022 12:00 PM - 1:00 PM

Presenter: Jon Boyens, Cheryl Pascoe

Host: CSIAC

This session will review new guidelines under Executive Order (EO) 14028. The National Institute of Standards and Technology, in consultation with industry and other federal agencies, is completing standards and guidelines updates and new software supply chain security requirements affecting software acquisition. The initiatives apply to the full federal software supply chain, including consumer software and Internet of Things (IoT) devices. [LEARN MORE](#)



Simulation-Based Testing for DoD Software

December 7, 2022 12:00 PM


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

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



Shutterstock

SCuBA Dives Deeper to Help Federal Agencies Secure Their Cloud Environments

CISA



NIST

A Machine Learning-Based Solution Could Help Firefighters Circumvent Deadly Backdrafts

NIST



U.S. DoD

DoD Cyber Training Academy Aims to Arm Students With Essential Cybersecurity Tools

U.S. DoD



Hardening Development Toolchains Against Emergent Execution Engines

DARPA

DARPA Selects Teams to Protect Computers' "Roots of Trust" From Exploits

DARPA



Shutterstock

U.S. Department of Commerce Appoints Members for New Internet of Things Advisory Board

NIST



Something you have + Something you know + Something you are

cyber.NJ.gov

Next Level MFA: FIDO Authentication

CISA

