

# CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // July 19, 2022



[SUBMIT A TECHNICAL INQUIRY](#)

## NOTABLE TECHNICAL INQUIRY

### What cyber risk assessment framework best fits the banking sector?

The Cybersecurity & Information Systems Information Analysis Center (CSIAC) was asked to identify which cybersecurity risk assessment framework is best suited for the financial industry and provide examples of such frameworks. CSIAC identified the National Institute of Standards and Technology (NIST) Cybersecurity Framework as the most applicable and provided examples of other industry-specific implementation guidance. A presentation specific to the financial services sector was also provided. [READ MORE](#)



## SNEAK PEEK

**UPCOMING WEBINAR:**  
*Zero Trust - The Time Is Now!*

**DATE:**  
July 20, 2022

**TIME:**  
12:00 PM

**PRESENTED BY:**  
Tim Denman

**HOST:**  
CSIAC



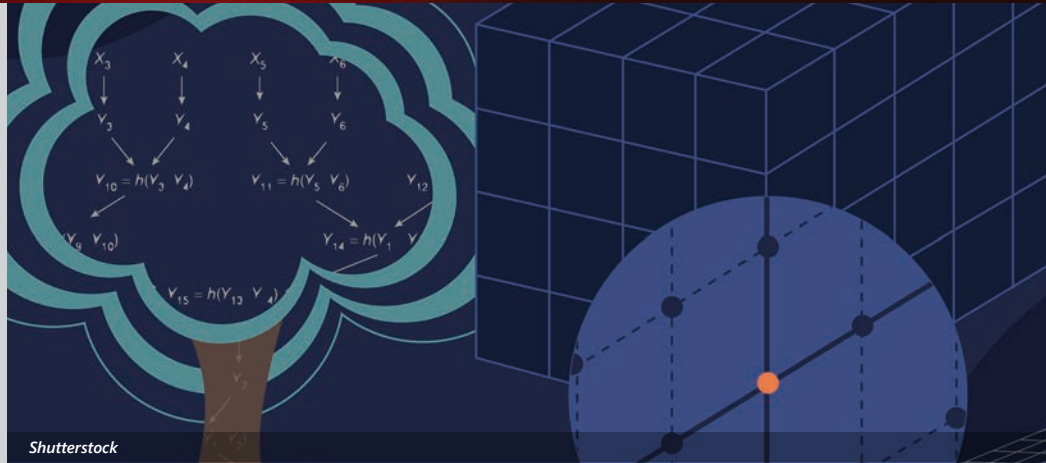
## VOICE FROM THE COMMUNITY

**Nicholas Wright SPC, ACP, PMP, RTE, ACC**

*Agile Coach/Scrum Master,  
Common Securitization Solutions*

Nicholas Wright is an agile coach for Common Securitization Solutions, where he trains and coaches the organization through an agile transformation. With 10 certifications in various agile methodologies, he has over 15 years of experience managing and providing agile coaching to multiple colocated and geographically dispersed teams for information technology (IT) infrastructure, IT security, and software development projects. He has additional experience in manufacturing, auditing, financial services, professional sports, consulting, aerospace and defense industries, and the federal government.

**BECOME A SUBJECT  
MATTER EXPERT**



## HIGHLIGHT

### **NIST Announces First Four Quantum-Resistant Cryptographic Algorithms**

GAITHERSBURG, Md. — The U.S. Department of Commerce's National Institute of Standards and Technology (NIST) has chosen the first group of encryption tools designed to withstand the assault of a future quantum computer, which could potentially crack the security used to protect privacy in the digital systems we rely on every day (such as online banking and email software). The four selected encryption algorithms will become part of NIST's post-quantum cryptographic standard, expected to be finalized in about two years. [LEARN MORE](#)

## FEATURED NEWS

### **DoD and NSF Kick Off Resilient and Intelligent NextG Systems Program**

The National Science Foundation (NSF) announced awards for the "Resilient and Intelligent NextG Systems" (RINGS) program on April 18. The RINGS program officially kicks off today. The U.S. Department of Defense is pleased to be a part of this unique, collaborative effort to expand public-private partnerships.

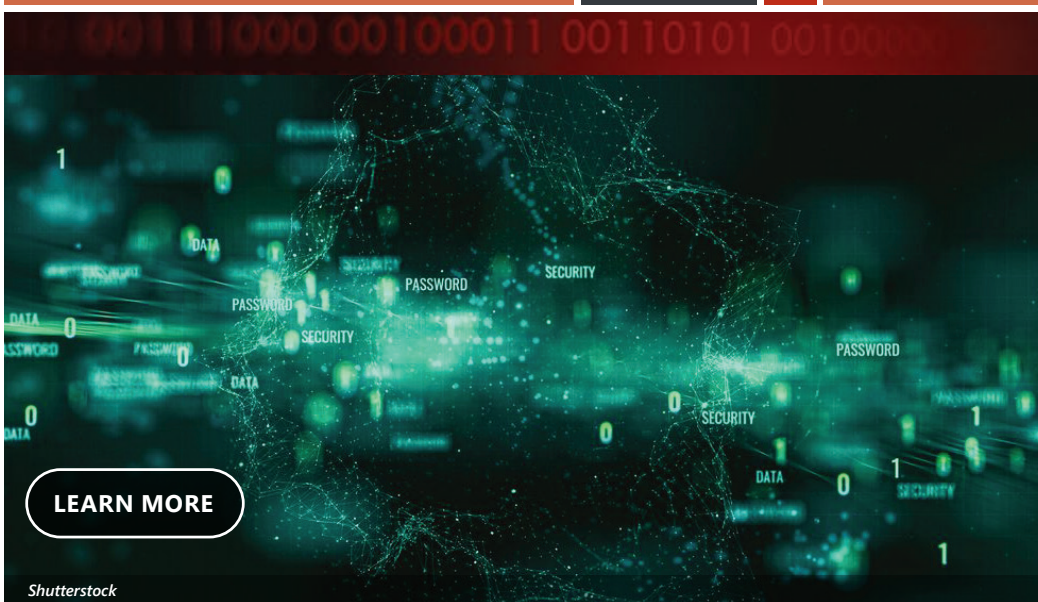
The RINGS program is NSF's single most significant effort to date to engage government, academic, and industry partners in a joint research program.

[READ MORE](#)

*Image: NSF*







## WEBINARS

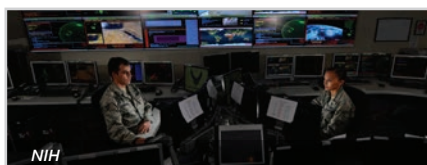
### Zero Trust - The Time Is Now!

*Presented:* July 20, 2022 12:00 PM - 1:00 PM

*Presenter:* Tim Denman

*Host:* CSIAC

While many improvements are being made in cybersecurity within the U.S. Department of Defense (DoD), the improvements are not keeping up with adversaries. The traditional approach to combat attacks, known as perimeter security, has been to establish boundaries and keep intruders from crossing those boundaries. Perimeter security is still needed, but this approach alone is not effective enough. Given the trends of multiple devices, virtual private networks, Cloud applications, and remote access, perimeter security is more difficult than ever. This is where Zero Trust enters. Zero Trust is a cybersecurity strategy and framework that embeds security throughout the architecture to prevent malicious entities from getting in. It assumes trust can be exploited and emphasizes assuming a breach and trusting no one. [LEARN MORE](#)



### The Improvement of U.S. Air Force Cyber Defense

September 21, 2022 12:00 PM



### Users Are Not Stupid: Eight Cybersecurity Pitfalls Overturned

October 18, 2022 12:00 PM

## EVENTS

### Automotive Cybersecurity 2022

July 20-21, 2022

### CISO Exchange

July 27-29, 2022

### Black Hat USA

August 6-11, 2022

### DEF CON

August 11-14, 2022

### Blue Team Con

August 27-28, 2022

### Department of the Air Force Information Technology and Cyberpower (DAFTIC) 2022

August 29-31, 2022

### Infosec World

September 26-28, 2022

### Want your event listed here?

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



Cybersecurity



Knowledge Management  
& Information Sharing



Modeling & Simulation



Software Data & Analysis

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## RECENT NEWS



NSF

### AFRL Launches Online Library to Advance Digital Transformation

Knowledge Management & Information Sharing



DARPA

### DARPA-Funded Study Provides Insights Into Blockchain Vulnerabilities

Cybersecurity



NSA

### Next Generation of Intelligence Analysts Presents Research on Foreign Social Media Campaigns

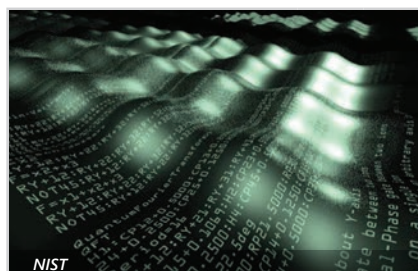
Cybersecurity



DARPA

### AI Improves Robotic Performance in DARPA's Machine Common Sense Program

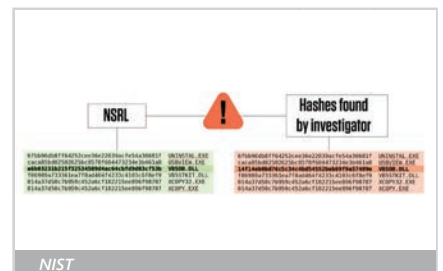
Modeling & Simulation;  
Software Data & Analysis



NIST

### CISA Announces Post Quantum Cryptography Initiative

Cybersecurity; Software  
Data & Analysis



NIST

### NIST Update to Software Reference Library Will Aid in Criminal Investigations

Cybersecurity; Software  
Data & Analysis

