CYBERSECURITY
& Information Systems Digest

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NOTABLE TECHNICAL INQUIRY

What is the industry standard for performing a privacy impact assessment?

A privacy impact assessment (PIA) is an essential element for effective privacy by design. It enables privacy leaders to be assured that the privacy controls' implementation satisfies regulations and organizational requirements and is key to determining what steps must be taken to manage privacy risk for the organization. The standard ISO 29134 (Guidelines for Privacy Impact Assessment, June 2017) defines a PIA as... **READ MORE**

UPCOMING WEBINAR

NATIONAL CYBERSECURITY STRATEGY

MARCH 2023

White House

A Framework for Evaluating National Cybersecurity...
April 24, 2025
12:00 PM – 1:00 PM

Presenter(s): *Lachlan Price, Fred Heiding*   **Host:** *CSIAC*

As governments seek to confront today's complex and evolving threat landscape, they are experimenting with distinct approaches to safeguarding national cybersecurity. This webinar compares seven key countries' national cybersecurity strategies to determine the most effective and innovative policy approaches to inform global standards. The countries assessed are Australia, Germany, Japan, Singapore, South Korea, the United Kingdom, and... **READ MORE**
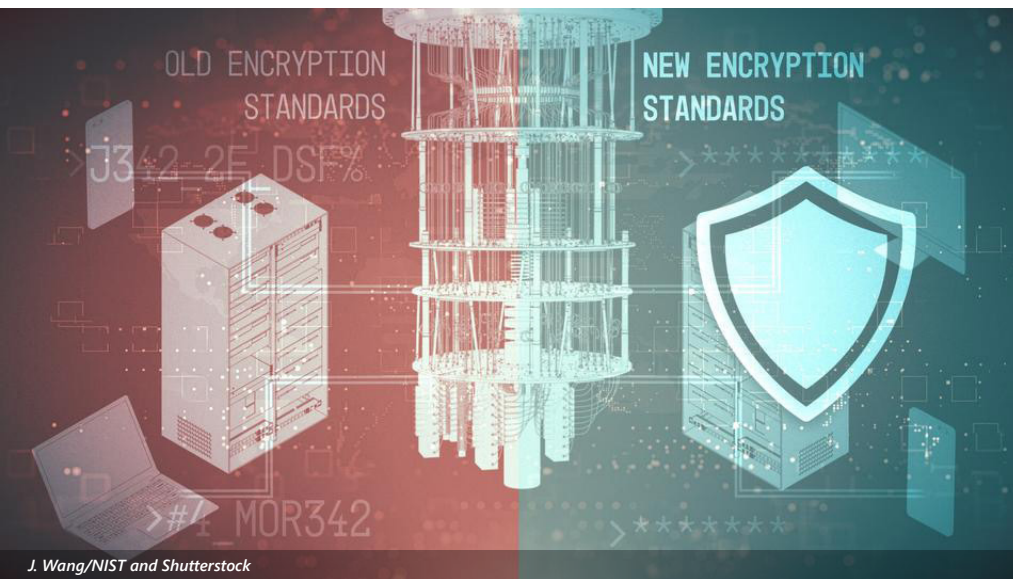
J. Wang/NIST and Shutterstock

HIGHLIGHT

NIST Selects HQC as Fifth Algorithm for Post-Quantum Encryption

Last year, NIST standardized a set of encryption algorithms that can keep data secure from a cyberattack by a future quantum computer. Now, NIST has selected a backup algorithm that can provide a second line of defense for the task of general encryption, which safeguards internet traffic and stored data alike.

Encryption protects sensitive electronic information, including internet traffic and medical and financial records, as well as corporate and national security secrets. But a sufficiently powerful quantum computer, if one is ever built, would be able to break that defense. NIST has been working for more than eight years on encryption algorithms that even a quantum... **LEARN MORE**

EVENTS

Smart Cities Connect Spring Conference & Expo
April 14–16, 2025
San Antonio, TX

....

2025 Department of the Air Force Modeling & Simulation (M&S) Summit
May 6–9, 2025
Orlando, FL

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

VOICE FROM THE COMMUNITY

Dr. Joshua A. Sipper
Assistant Professor of Military and Security Studies, U.S. Air Force Air Command and Staff College (ACSC)

Joshua Sipper has over 26 years of experience in intelligence, surveillance, and reconnaissance (ISR); electromagnetic warfare (EW); and cyber operations. He teaches the Airpower Operations and Strategy and Contemporary and Emerging Warfare course at ACSC. He is the codirector of the Cyber Advanced Operations and Strategy Seminar, where he teaches ISR and cyberspace and cyber and EW. Dr. Sipper is the author of numerous articles and books, including his most recent book titled "The Cyber Meta-reality: Beyond the Metaverse."

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RECENT CSIAC TIs

- What databases have geometry files for blue and red force aircraft and ground vehicle models in OBJ, 3DS, STL, or other formats?

- What efforts are currently being worked for quantum antennas on U.S. Department of Defense platforms?

- What is known about automated extraction of data and metadata from hand-written lab notebooks?

RECENT DSIAC & HDIAC TIs

- What experiments and models exist for liquid fuel injection or spray in hypersonic fuels?

- What is the state of the art on methods for analyzing laser flash analysis data?

- What is the latest information on infectious disease prevalence in military recruits?

FEATURED NEWS

Army Releases Version 2.0 of Its Unified Network Plan

WASHINGTON – The U.S. Army has released its Army Unified Network Plan (AUNP) 2.0. While the first AUNP, published in 2021, focused mainly on the first phase of the plan – to unifying the network – AUNP 2.0 focuses mainly on phase two and some of phase three, which are to… **READ MORE**
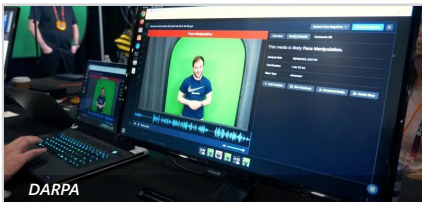
RECENT NEWS

NicoElNino/Shutterstock

NIST Finalizes Guidelines for Evaluating "Differential Privacy" Guarantees to De-identify Data

NIST

U.S. Army

ARCYBER Data Management and Analytics Directorate

U.S. Army

DARPA

Furthering Deepfake Defenses

DARPA

U.S. Army

With Enhanced Software, ERDC Helps Army Boat Pilots Train for the Real Thing

ERDC

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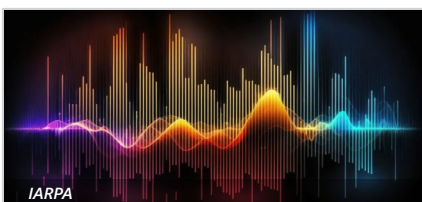
Ending Generational Delays in Next Generation Wireless With End-Gen

Intelligence Advanced Research Projects Activity

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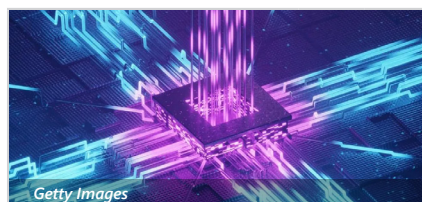
ORNL Entanglement Study Connects Quantum Essentials on New Chip

Oak Ridge National Laboratory

Cybersecurity

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