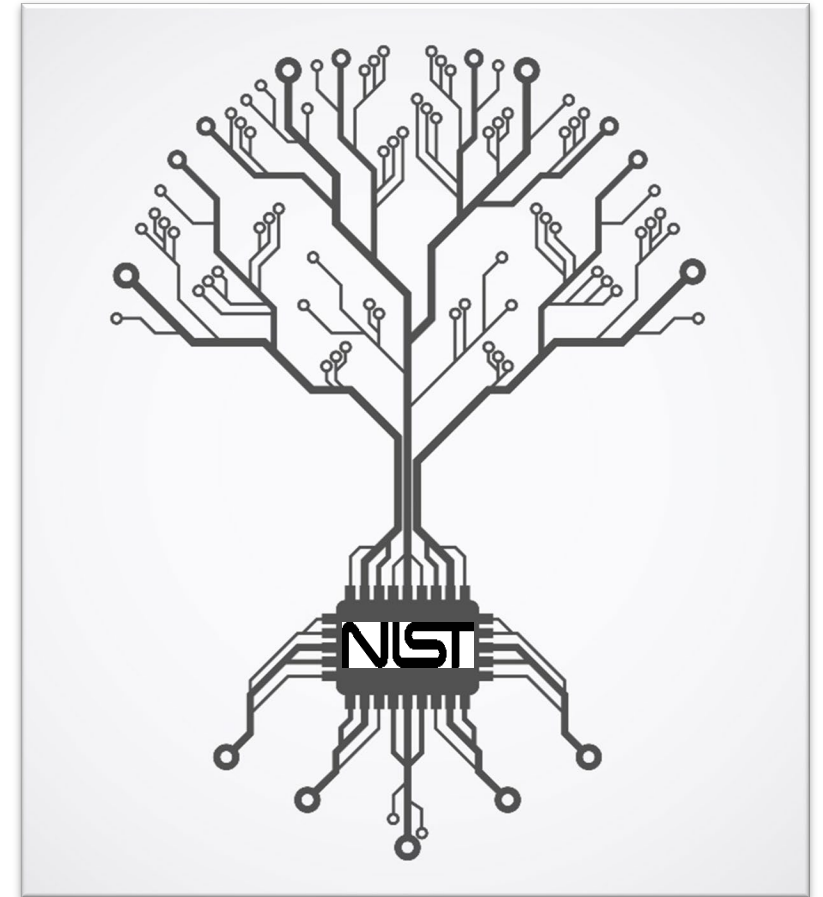


Cultivating Trust through NIST's Cybersecurity and Privacy Program

Kevin Stine, Chief of the Applied Cybersecurity Division,
Information Technology Laboratory

We **cultivate trust** by advancing cybersecurity and privacy **standards and guidelines, technology, and measurement science.**



What we do...

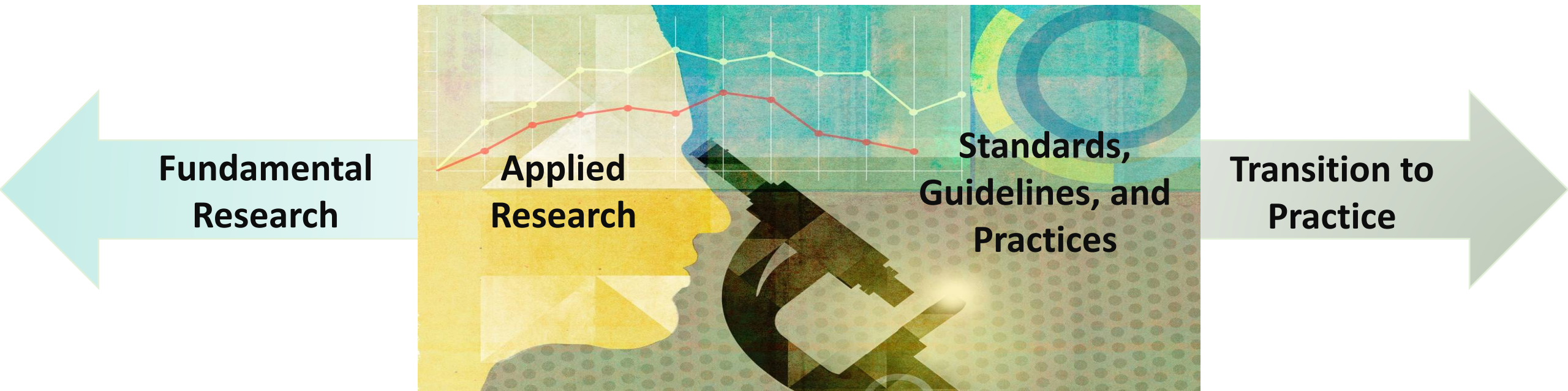


Image Credit: wsj.com

How we do it....

Work in an **open, transparent, and collaborative** way

Enlist best **expertise** from around the world

Share solutions

Listen



Current Priority Areas

- Cryptography
- Education, Training, and Workforce Development
- Emerging Technologies
- Identity and Access Management
- Privacy
- Risk Management and Measurement
- Trustworthy Networks and Platforms

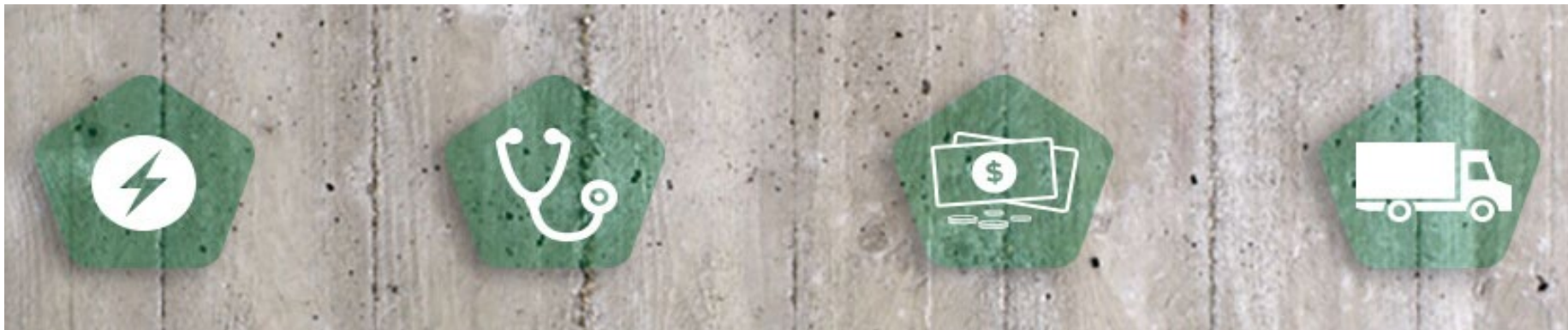


Accelerate adoption of secure technologies: collaborate with innovators to provide real-world, standards-based cybersecurity capabilities that address business needs



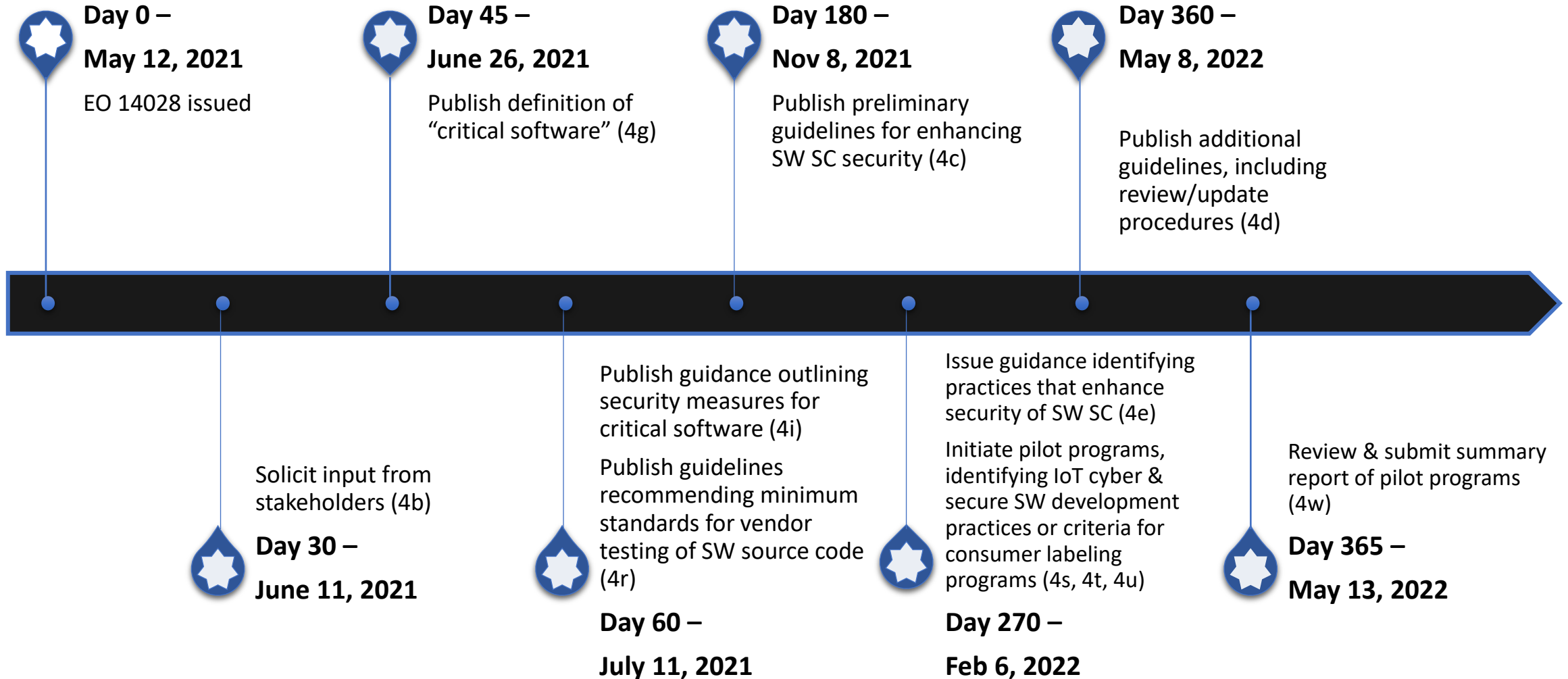
Current NCCoE Projects Include...

- Crypto Agility: Considerations for Migrating to Post-Quantum Crypto Algorithms
- Implementing a Zero Trust Architecture
- 5G Cybersecurity
- Ransomware Risk Management
- Supply Chain Assurance: Validating the Integrity of Computing Devices
- Securing the Industrial Internet of Things: Cybersecurity for Distributed Energy Resources
- Cybersecurity for Genomics Data



- **National Defense Authorization Act of 2021**
Including the DIGIT, LEAP, and HACKED Acts
- **Internet of Things Cybersecurity Improvement Act**
- **Executive Order (EO) 14028, Improving the Nation's Cybersecurity**
- **National Security Memorandum on Improving Cybersecurity of Critical Infrastructure Control Systems**
- **National Strategy to Secure 5G**
- ...

NIST's EO 14028 Timeline



Ways We Engage...

- Participate with others in developing standards,
- Coordinate and conduct joint activities with federal agencies,
- Take part in international initiatives and information sharing,
- Convene special topic forums and workshops,
- Collaborate via research with industry and academia,
- Solicit and receive comments on publications, and
- Listen closely.



Discussion