

Naval Information Warfare Center Atlantic

Risks, Challenges, and Solutions in 2025

The CIO Perspective

CDCA Strategic Business and Industry Outreach Initiative (SBIOI) Symposium

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Agenda

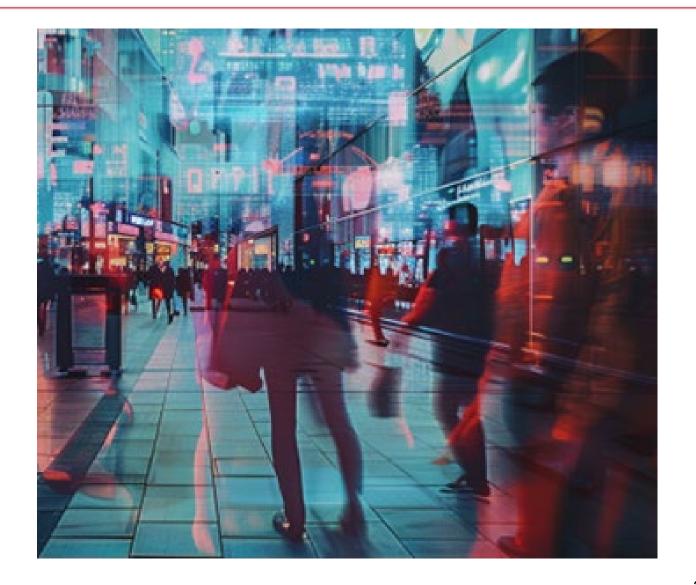
- **▼** Workforce
 - How to shift and reenergize
- Technology
 - How to sustain and advance
- ▼ Financial
 - How to reduce and succeed

GOAL: WIN THE INFORMATION WAR



Workforce

- Critical skills will be lost
- Operating spaces are limited
- ▼ Technology is behind

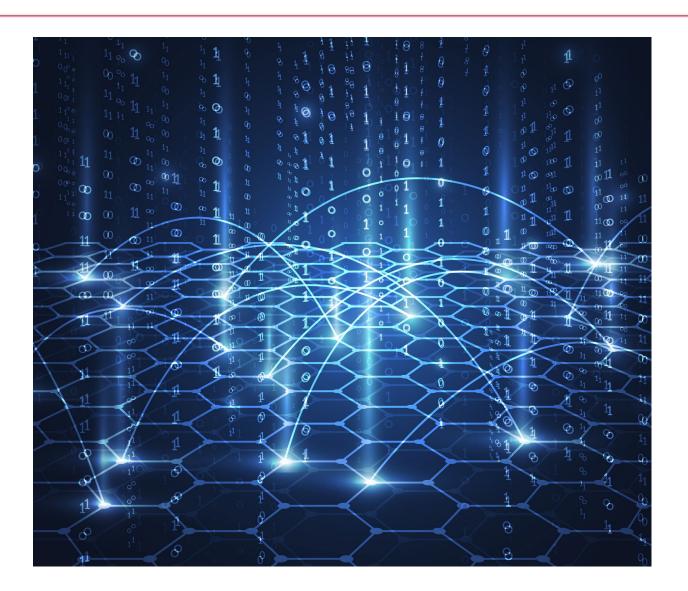




Technology

- **▼** Safeguard Warfighter
 - Future threats

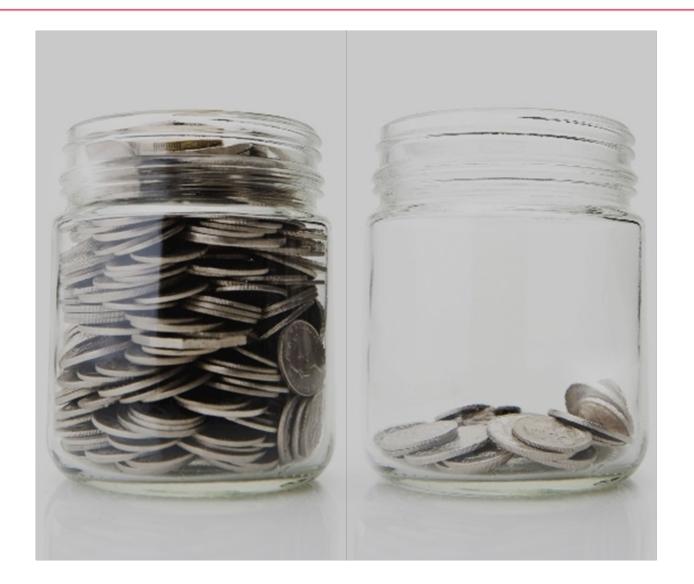
- **▼** Update Infrastructure
 - Old technology maintenance
 - Cybersecurity risks





Financial

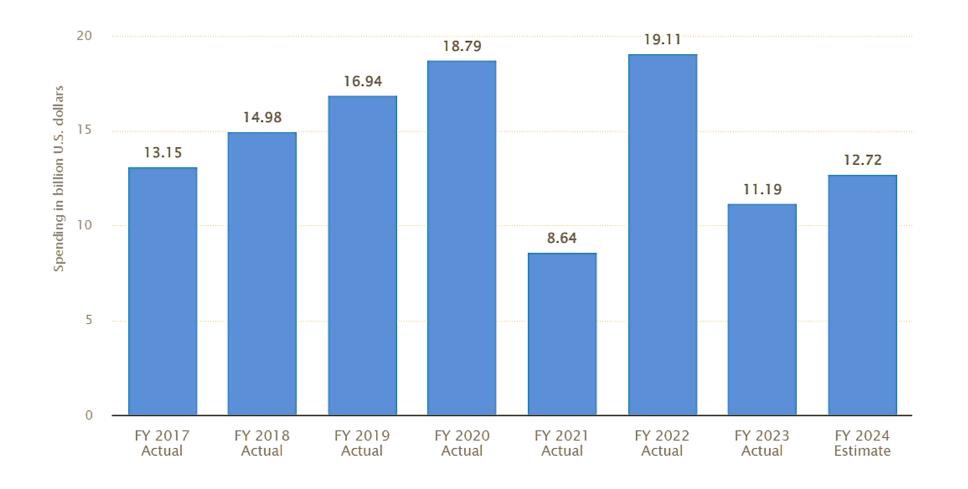
- Compliance with reductions
 - Reduce both staff and costs
- Critical IT spend
 - IT maintenance expenses
 - Future IT costs





Cybersecurity Funding

▼ Estimated budget of the U.S. government for cybersecurity in FY 2017 to 2024





Solutions for Risks and Challenges

- Move technology ahead of adversaries
- ▼ Restructure technology
- **▼** Simplify processes
- ▼ Gain new skills
- **▼** Find balance

INDUSTRY HELP!





Brainstorming, Conversation, Questions



References

- Cybersecurity Under Siege: Budget Cuts Expose Growing Risks, Splunk Report Reveals - CIO World Asia
- 2. U.S. government: estimated cybersecurity spending 2024
- 3. <u>Internet Crime Complaint Center (IC3) | Criminals Use Generative Artificial Intelligence to Facilitate Financial Fraud</u>