



CYBERSECURITY WEBINAR

DAU PS Delta Course

NOVEMBER 2023

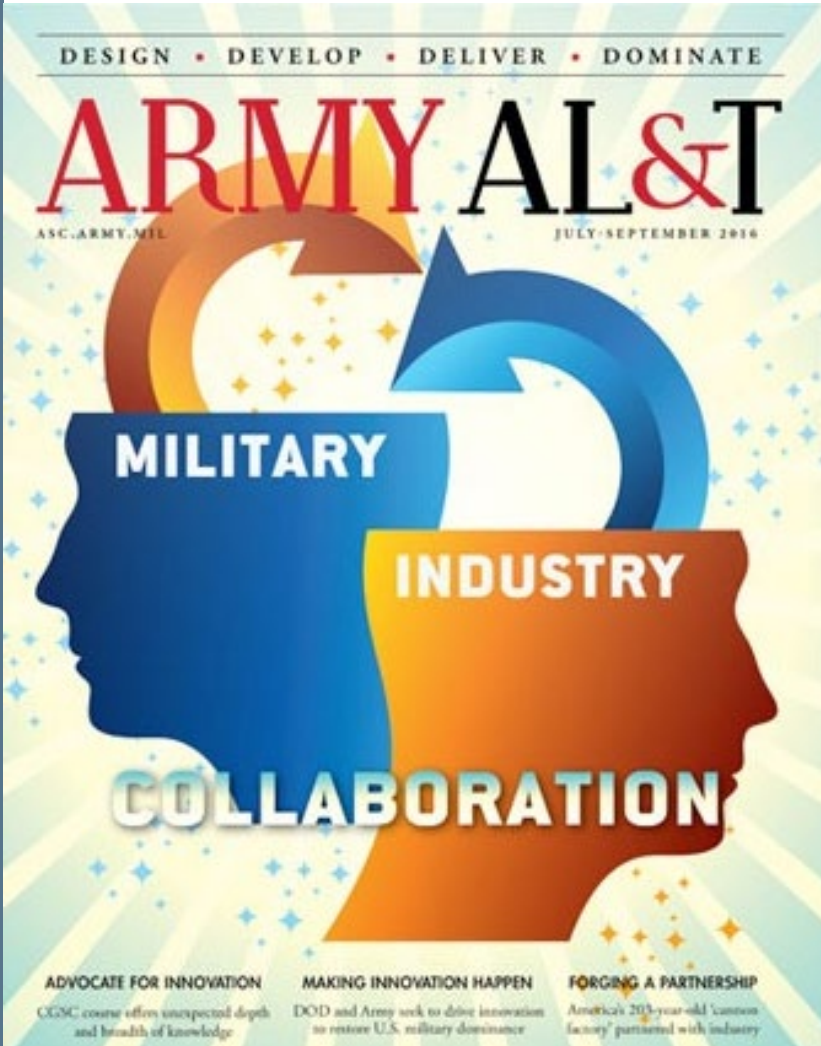
AGENDA

GROWING CYBERSECURITY ISSUE

BREADTH OF CYBERSECURITY

TOP CYBERSECURITY THREATS

GROWING CYBERSECURITY ISSUE



- The lines between civil government, defense, intelligence, and private industry are blurring with the convergence of physical and digital environments.
- Our nation’s adversaries are dedicating significant resources to honing tactics and executing cyber operations that threaten U.S. national and economic security.
- To these adversaries, the national cyber ecosystem is one battlespace.

Securing this interconnected landscape requires a collective approach across government and industry.

Source:

Booz Allen Hamilton. <https://www.boozallen.com/content/dam/home/docs/cyber/national-cyber-slick-sheet.pdf>.

Image Source:
https://www.army.mil/article/170946/new_army_alt_magazine_explores_partnership_of_army_industry

BREADTH OF CYBERSECURITY



- **Strategy and Policy**
 - Security program authorities, strategies, plans, and budgets.
- **Risk Management**
 - Cyber risk assessment, mitigation, and monitoring across an enterprise, supply chain, and third parties.
- **Architecture and Engineering**
 - Architecting and engineering of core cyber controls and establishment of Zero Trust principles and practices.
- **Defensive Operations**
 - Defending systems, networks, and assets (proactively and reactively) from cyber-based attacks.
- **Analysis and AI/ML**
 - Data from controls to inform and accelerate operations.
- **Computer Network Operations**
 - Operations intended to project power by the application of force in and through cybersecurity environments, either to gain information superiority or to deny the adversary an enabling capability.

Image Source:
<https://www.linkedin.com/pulse/security-transformation-future-proofing-business-systems-peter-boyle>

TOP CYBERSECURITY THREATS



- Phishing attacks
- Ransomware
- Data breaches
- Social engineering
- Cloud vulnerabilities
- Internet of Things
- Poor cyber hygiene
- Lack of cyber skills
- Third-party threats
- State-sponsored threats

Image Source:
<https://thehackernews.com/2023/11/us-cybersecurity-agencies-warn-of.html>

Source:
Law, M. (2023, September 1). Top 10 Cyber Security Threats. Cyber. <https://cybermagazine.com/top10/top-10-cyber-security-threats>.