Acquisition Directorate

CYBERSECURITY PROGRAM

IMPLEMENTATION

- Providing cybersecurity requirements in Acquisition Directorate contracts.
- Identifying and assessing cyber risks associated with acquired systems.
- Implementing security controls to mitigate identified risks.
- Ensuring compliance with cybersecurity standards and regulations.
- Conducting vulnerability assessments to identify potential weaknesses.
- Continuously monitoring and updating security measures to address evolving threats.

PROJECTS SUPPORT:

- National security cutter
- Offshore patrol cutter
- Fast response cutter
- Polar security cutter
- Waterways commerce cutter
- Great Lakes icebreaker/ commercially available polar icebreaker
- Boat acquisition
- Command, control, communications, computers, cyber and intelligence
- Electronic health record acquisition
- CG Online World of Learning
- Office of Specialized Capabilities
- Office of Boat Forces

The cybersecurity program, operating as a matrix team across various domains of the Coast Guard, supports the integration of measures and practices to protect information systems, operational technology, networks and data throughout the lifecycle of a program, safeguarding the confidentiality, integrity and availability of sensitive information and critical assets within Coast Guard programs from cyber threats and attacks.

Cybersecurity considerations play a crucial role in the development, procurement and maintenance of systems and technologies. Integrating cybersecurity practices into these processes mitigates vulnerabilities and enhances resilience against cyber threats.

The cybersecurity program collaborates with other acquisition programs and the sustainment community to provide standardized and interoperable cybersecurity support.

PROGRAM BENEFITS

Risk Mitigation
By incorporating cybersecurity considerations early in the acquisition process, the Coast Guard can identify and mitigate potential risks associated with cyber threats and attacks. This proactive approach helps in reducing the likelihood and impact of security breaches and data compromises.

Cost Reduction
Addressing cybersecurity requirements during the acquisition phase is often more cost-effective than retrofitting security measures onto existing systems. Upfront investment in cybersecurity can help avoid costly rework and ensure that security measures are integrated seamlessly into the design and development processes.

Compliance Assurance
Acquisition programs are subject to regulatory requirements and industry standards related to cybersecurity. Integrating cybersecurity into the acquisition process ensures compliance with these regulations and standards, reducing the risk of non-compliance penalties and reputational damage.

Enhanced Trust and Confidence
Demonstrating a commitment to cybersecurity not only enhances the security posture of the acquired systems and assets, it also instills trust and confidence among stakeholders.

Resilience and Continuity
Cybersecurity integration in acquisition programs strengthens the resilience of systems and operations against cyber threats and disruptions. By implementing robust security controls and contingency plans, the Coast Guard can ensure the continuity of critical functions and minimize the impact of cyber incidents on mission-critical operations.

Innovation Enablement
An effective cyber strategy can establish a secure environment for innovation and experimentation by safeguarding intellectual property and sensitive information. It also promotes the exploration of new technologies and business models. Additionally, it entails fostering a culture of cybersecurity awareness and accountability throughout the organization, ensuring that all employees understand their role in maintaining a secure cyber environment. Ultimately, an effective cyber strategy is dynamic and adaptive, continuously evolving to address emerging threats and vulnerabilities in an increasingly complex and interconnected digital landscape.

For updates on Cybersecurity, visit the program's website at
www.dcms.uscg.mil/acquisition