



SAFETY, RISK AND COMPLIANCE

CYBER RISK MANAGEMENT FOR MTSA-REGULATED FACILITIES

Cyber attacks are accelerating in frequency, variety and severity, making cybersecurity a business imperative for MTSA-regulated facilities. The convergence of Information Technology (IT) and Operational Technology (OT) systems has pushed cyber risk management to the forefront of safety, security and operations.

Defend Your Critical Assets and Operations

ABS Group provides a range of cybersecurity services to help waterway facilities throughout the United States implement a cyber risk management program to comply with existing maritime regulations and guidelines. Our services and training solutions for MTSA-regulated facilities address the cyber risk management guidelines noted in the U.S. Coast Guard's Navigation and Vessel Inspection Circular (NVIC) 01-20, as described by the 33 CFR parts 105 and 106. The Coast Guard's circular makes clear that pursuant to existing maritime regulations, MTSA-regulated facilities need to identify cyber vulnerabilities during a Facility Security Assessment (FSA) and address these vulnerabilities in their Facility Security Plan (FSP).

Our Cyber Risk Management team will work with maritime facilities to conduct remote or in-person assessments and develop a roadmap for integrating cybersecurity into existing policies and procedures.

Building Cyber Resiliency: Facility Security Officer Training

With emphasis on protecting critical information infrastructure within facilities, Facility Security Officers (FSOs) have an important role in implementing cybersecurity into an existing security program. ABS Group developed the first cybersecurity training course in the U.S. geared towards training FSOs and developing cybersecurity programs at regulated facilities. Our training program provides an excellent understanding of the threats posed to your facility, the tools used by cybersecurity professionals to assess cyber risk and how cyber vulnerabilities can be addressed in an annex to your FSP.

The Path to Compliance

As further outlined in USCG NVIC 01-20, MTSA-regulated facilities must address cyber risk management in their FSPs. To meet the guidelines and regulations, facilities must assess, identify and develop a set of risk-based security measures addressing their cyber risks.



COMPREHENSIVE CYBERSECURITY SOLUTIONS

Our Services

Our solutions go beyond traditional assessment and consulting services to include technical cyber capability development and management for identification, protection, defense, detection, response and recovery. Our capabilities include installation of cyber technology and the ongoing management of cyber services, including security monitoring, identity management and asset management.

Self-Service Toolkit

FSA-Cyber Guidance

- USCG NVIC 01-20 Readiness Checklist
- USCG NVIC 01-20 Guidance Primer

Roadmap Template

- FSA-Cyber Procedure
- Mitigation Strategy and Roadmap Template

FSP Annex Template

- FSP Annex Integration Procedures
- FSP Annex and Roadmap Template

Full-Service Support

FSA-Cyber Risk Assessment

- FSA Facility Cybersecurity Assessment Report

Cyber Training

- 8-hour FSO Targeted Training
- 4-hour FSO/Non-FSO Training
- 2-hour Executive Workshop

FSP Annex Integration and Road Map

- FSA Facility Cybersecurity Assessment Report
- Implementation Strategy and Roadmap
- FSP Annex Development and Deployment
- Integration of Cyber into Facility Emergency Response Plan
- 90-day Drill Templates (integrating cyber into physical)

Cyber Capability Enhancements

- Choose from the following capabilities:
- E-Learning
 - Incident Command Structure (ICS) Integration
 - Asset Management
 - Security Information and Event Management (SIEM)
 - Intrusion Detection/Security Monitoring



Remote Delivery

Based on Roadmap

Our Value

A company's demonstrated ability to manage and mitigate cyber risk can impact everything from insurance rates, to investment levels, to its competitive position in the market. We are working closely with industry to develop cybersecurity solutions that enable our clients to reduce risk, improve safety and remain competitive.

Discover our [Cyber Risk Management services](#) and learn more about our [FSO Cyber Security Training](#).

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