

Maritime Transportation Security Act (MTSA) and Port Security Services



AcuTech's comprehensive knowledge of Maritime regulations include:

- U.S. Maritime Transportation Security Act - International Ship and Port Facility Security Code – (MTSA - ISPS)
- International Maritime Organization – (IMO)
- Deepwater Port Act
- United States Code of Federal Regulations - CFR 33 & 46
- 33 CFR 101 - Maritime Security - General
- 33 CFR 103 - Area Maritime Security
- 33 CFR 104 - Vessel Security
- 33 CFR 105 - Facility Security
- 33 CFR 106 - Outer Continental Shelf Facility Security
- 33 CFR 148-150 Deepwater Ports
- 46 CFR Shipping
- USCG – Vessel Inspection Requirements

AcuTech is a consulting firm specializing in security, safety, and emergency management. We offer maritime homeland security and business continuity planning (BCP) specialists with port security experience and national expertise in homeland security.

For many facilities subject to the requirements of 33 CFR 105 MTSA the time is fast approaching when a Facility Security Plan (FSP) approved by the US Coast Guard in 2004 will require a mandatory 5-year update. Additionally, Title 33, U.S. Code of Federal Regulations (CFR), part 101.514 requires all persons requiring unescorted access to secure areas of facilities regulated by part 105 of subchapter H to possess a Transportation Worker Identification Credential (TWIC) before such access is granted. Compliance with the new TWIC program is the law and must be included in the revised FSP. Acutech's consultants can assist you with updating the FSP and meeting facility TWIC compliance.

We provide facility security assessments (FSA) and security vulnerability assessments (SVA), prepare and revise security plans, develop countermeasures to prevent security events, evaluate TWIC-related requirements, improve emergency preparedness, develop security guidance documents, conduct training to strengthen post-event mitigation, and assist clients with selection and implementation of appropriate countermeasures.

AcuTech has an in-depth knowledge of risk assessment, maritime operations, supply chain continuity and the associated planning processes. We work closely with industry, trade organizations, and government agencies involved with security including the USCG.

MTSA / Port Security Services

AcuTech has extensive experience supporting the security needs of domestic and foreign ports and international maritime stakeholders worldwide. We understand the intricacies of the port-centric layered security required to protect maritime-related commerce and population centers. We provide integrated maritime recovery planning to prioritize infrastructure and allocation of resources, focusing on port-specific consolidation and deconsolidation requirements to maintain optimal out-bound and in-bound supply chains.



Transportation Workers Identification Credential (TWIC) Services

TWIC is a vital security measure that will ensure individuals who pose a threat do not gain unescorted access to secure areas of the nation's maritime transportation system including ports, offshore installations, waterside facilities, and vessels.

AcuTech can assist facilities, vessel operators, ports and others subject to MTSA requirements understand, plan and manage their compliance in a way that meets security needs without compromising smooth business operations.

- Understand and plan for escort requirements for restricted areas vs. secure areas
- Manage escort contingency planning
- Ensure that plans match the TWIC terminology needed to gain USCG approval
- Understand TWIC requirements for US Flagged vessels
- Implement new hire processes for credentialing
- Incorporate TWIC into already-approved Facility Security Plans for COTP approval

AcuTech is a leading firm in the assessment of impacts on port operations and the public from LNG operations, having conducted more studies for the USCG than any other firm in the United States. AcuTech has worked on multiple port, onshore LNG terminal and deepwater port projects. The United States Coast Guard (USCG) and the Department of Homeland Security (DHS) trust AcuTech to deliver services on time and within budget on major homeland security projects.



Representative Security Projects

We assist clients to recognize the threats facing facilities, to analyze the hazards, to identify the vulnerabilities, and to assess the risks. Our experience includes:

- Independent Third Party Contractor on Deepwater Port Independent Risk Assessments for the USCG in California, Massachusetts, and Florida
- Conducted Waterway Suitability Assessments (WSA) for LNG sites in Texas, Georgia, and California
- MTSA 33 CFR Part 105 and 106 assessments for over 30 facilities onshore and offshore
- Developed the American Petroleum Institute (API)/National Petrochemical and Refining Association (NPRA) SVA methodology
- Exclusive trainer for API - [Security Vulnerability Assessments and MTSA Facility Security Officer courses](#)
- Conducted numerous domestic and international SVAs for major industry clients, including SVAs for marine operations and pipelines
- Frequent guest lecturers on security and process safety including seminars sponsored by CCPS, NPRA, SOCMA, ACC, API, Mary Kay O'Connor Process Safety Center
- Assisted companies in the TSA Port Security Grant application process including strategy development and completion of application forms
- AcuTech offers in-depth knowledge of current and proposed security regulations, detailed experience in conducting security surveys and security plan revalidations, risk assessments, risk management audits, and evaluations of operations

About AcuTech

The AcuTech Consulting Group is a global consulting company offering a full range of management and technical consulting, training services, and software products to assist companies with Chemical Process Security, Risk Management, and Process Safety and Security Management. AcuTech offers a unique background in chemical process safety and security, design, operations, inherent safety, fire protection, and security that provide our clients with practical, cost-effective solutions for the new challenge of chemical security management.

Our scope of services includes regulatory compliance with federal, state and local requirements, but our abilities extend beyond these standards to enable us to deliver world class services for the most demanding global companies. AcuTech blends strong project management skills with a personalized, responsive business style allowing us to work in harmony with our clients. We emphasize on-time, cost-effective performance, provided by professionals experienced in achieving these goals.

Contact us today at 703.399.7453 or help@acutech-consulting.com to learn how AcuTech's services can help you.