PORT, AIRPORT & BORDER SECURITY MANAGEMENT



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Introduction

Ports, airports, and land border crossings form the front line of national security and the backbone of international trade. Each day, these points handle thousands of containers, passengers, vehicles, and documents, and each one carries a risk that must be assessed quickly and consistently. This Port, Airport & Border Security Management Training Course gives security, customs, and port operations professionals a structured way to design, run, and review border protection systems. Participants learn how to apply risk-based screening, use inspection technology, respond to incidents, and coordinate with partner agencies. In addition, the course connects security controls to trade facilitation, so goods and travellers keep moving while threats stay out.

Port, Airport & Border Security Management Course Objectives

- Apply the ISPS Code framework to port facility security planning and assessment.
- Use ICAO Annex 17 and Annex 9 standards for airport and aviation security operations.
- Conduct security risk assessments and build facility security plans with clear mitigation measures.
- Design layered screening using X-ray, non-intrusive inspection (NII), radiation portal monitors, and container scanning.
- Read and act on advance cargo information through systems such as the WCO SAFE Framework and advance manifest rules.
- Screen passengers and crew using PNR, API data, and watchlist checks within legal limits.
- Manage access control, perimeter protection, and personnel vetting across restricted areas.
- Run incident response, evacuation, and multi-agency coordination during security events.
- Apply WCO and IMO guidance on supply chain security, authorised economic operator programmes, and cargo integrity.

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- Build audit trails, performance indicators, and continuous improvement for border security operations.

Course Methodology

- Facilitated sessions built on ISPS, ICAO, and WCO standard documents.
- Tabletop exercises simulating contraband detection, breach, and threat escalation scenarios.
- Guided walkthrough of inspection technology, screening lanes, and access control systems.
- Case review of real border incidents and lessons learned.
- Group work on facility security plans and risk registers.

Who Should Take This Course

- Port facility security officers and airport security managers.
- Customs and border control officers and supervisors.
- Immigration and passenger screening staff.
- Terminal, cargo, and warehouse security supervisors.
- Maritime and aviation operations and safety officers.
- Law enforcement and coast guard personnel assigned to border duties.

Port, Airport & Border Security Management Course Outlines

Day 1: Border Security Framework and Legal Mandates

- Roles of ICAO, IMO, WCO, and national border authorities.
- ISPS Code structure: levels, responsibilities, and the facility security officer role.

- ICAO Annex 17 and Annex 9 security and facilitation standards.
- National legislation, delegated authority, and jurisdictional boundaries.
- Threat landscape: smuggling, trafficking, terrorism, and organised crime.
- Balancing security controls with trade and travel facilitation.
- Governance, accountability, and inter-agency agreements.

Day 2: Risk Assessment and Facility Security Planning

- Risk assessment models: asset, threat, vulnerability, and consequence.
- Conducting a port or airport security survey.
- Drafting a facility security plan, annexes, and contingency procedures.
- Defining security levels and the actions each level triggers.
- Security drills, exercises, and record-keeping requirements.
- Personnel vetting, background checks, and insider threat controls.
- Review cycles, plan updates, and approval processes.

Day 3: Screening Technology and Cargo Inspection

- X-ray image interpretation for baggage, pallets, and vehicles.
- Non-intrusive inspection: mobile and fixed scanning systems.
- Radiation portal monitors and isotope identification basics.
- Container sealing, integrity checks, and tamper evidence.
- Advance cargo information, manifest review, and targeting criteria.
- Screening lane design, throughput, and queue management.
- Detection of concealment methods and document fraud.

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Day 4: Access Control, Perimeter, and Incident Response

- Access control systems, badges, biometrics, and visitor management.
- Perimeter barriers, lighting, CCTV, and patrol planning.
- Restricted area designation, dockside and airside controls.
- Incident command basics and escalation triggers.
- Evacuation, lockdown, and reunification procedures.
- Coordination with police, coast guard, emergency services, and airlines.
- Reporting, evidence preservation, and post-incident review.

Day 5: Supply Chain Security, Audit, and Performance

- WCO SAFE Framework of Standards and authorised economic operator recognition.
- Mutual recognition arrangements and trusted trader benefits.
- Security audits, self-assessment questionnaires, and inspection checklists.
- Key performance indicators for screening, breaches, and response times.
- Data governance, record retention, and information sharing limits.
- Corrective action planning and closure of audit findings.
- Emerging risks: cyber-enabled crime, drones, and identity fraud.

Conclusion

By successfully completing the Port, Airport & Border Security Management Training Course, participants will have acquired a solid working knowledge of ISPS, ICAO, and WCO security requirements, risk-based screening methods, inspection technology, and multi-agency incident response. They will leave able to assess threats at their own facility, strengthen access and perimeter controls, and document security decisions that stand up to audit. Gentex Training Center delivers this programme with practitioners who know how land, sea, and air borders operate under real pressure.

FAQs for the Port, Airport & Border Security Management course

Q1 What is the "Port, Airport & Border Security Management" course about?

It is a five-day programme on protecting and managing ports, airports, and land crossings. It covers security risk assessment, facility security planning, screening technology, access control, incident response, and the standards that govern border protection.

Q2 What are the key benefits of the "Port, Airport & Border Security Management" course?

Participants learn to spot vulnerabilities before they are exploited, cut screening delays through better targeting, and run drills that hold up under real incidents. They also gain documented security plans and audit trails that satisfy inspectors and trading partners.

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Q3 What skills will I gain from the "Port, Airport & Border Security Management" course?

You will gain border security risk assessment and facility security planning, screening and inspection technology operation, access control and perimeter protection, and multi-agency incident response with audit-ready security documentation.

Q4 What tools, methods, or standards are covered in the "Port, Airport & Border Security Management" course?

The course works with the ISPS Code, ICAO Annex 17 and Annex 9, the WCO SAFE Framework of Standards, X-ray and non-intrusive inspection systems, radiation portal monitors, PNR and API passenger data, watchlist screening, and security audit checklists.

Q5 How is the "Port, Airport & Border Security Management" course applied in real-world practice?

Teams apply it when writing facility security plans, setting security levels, designing screening lanes, and running shift briefings and drills. It also guides breach investigations, joint operations with customs and police, and the annual security review of a port or airport.