Supply Chain Security and Logistics Risk Management Training Course



21 - 25 Dec 2026

Boston

7500 € (Per Person)

Ref: #SM9777_132828

Course Introduction / Overview:

In today's interconnected global economy, the security and integrity of the supply chain are paramount to business success and national security. This intensive training course provides a comprehensive A to Z framework for understanding, assessing, and mitigating the complex risks inherent in modern logistics and supply chain operations. Moving beyond theoretical concepts, the program delves into practical strategies for safeguarding goods, information, and infrastructure from a multitude of threats, including theft, terrorism, cyber-attacks, and geopolitical disruptions. As highlighted by renowned expert Dr. Yossi Sheffi in his seminal work, "The Resilient Enterprise: Overcoming Vulnerability for Competitive Advantage," building resilience is not merely a defensive measure but a strategic imperative for competitive advantage. This course, offered by BIG BEN Training Center, equips participants with the tools to develop robust security plans, implement international standards, and foster a culture of security awareness. Participants will learn to proactively identify vulnerabilities and build resilient supply chains that can withstand and recover from unforeseen disruptions, ensuring operational continuity and protecting brand reputation.

Target Audience / This training course is suitable for:

- Supply Chain and Logistics Managers.
- Security Professionals and Managers.
- Procurement and Sourcing Specialists.
- Warehouse and Distribution Center Supervisors.
- Risk, Compliance, and Audit Officers.
- Operations Managers.
- Freight Forwarding and Customs Brokerage Professionals.
- Corporate Security and Loss Prevention Staff.
- Government Officials in trade, customs, and transportation security.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Retail, E-commerce, and Consumer Goods.
- Pharmaceuticals and Healthcare.
- Aerospace and Defense.
- Transportation, Shipping, and Freight Forwarding.
- Oil, Gas, and Energy.
- Technology and Electronics.
- Food and Beverage Distribution.
- Government Agencies and Public Sector Entities.

Target Organizations Departments:

- Supply Chain Management.
- Logistics and Distribution.
- Corporate Security.
- Procurement and Purchasing.
- Operations Management.
- Risk Management and Compliance.
- Internal Audit.
- Warehousing and Inventory Control.
- International Trade and Customs.

Course Offerings:

By the end of this course, the participants will have able to:

- Conduct comprehensive supply chain security risk assessments.
- Develop and implement a robust security management system based on ISO 28000.
- Identify and analyze vulnerabilities across transportation, warehousing, and information systems.
- Apply best practices for cargo, facility, and transportation security.
- Understand the requirements of key international security programs like C-TPAT and AEO.
- Create effective incident response and business continuity plans for logistical disruptions.
- Mitigate risks associated with insider threats, counterfeiting, and cyber-attacks.
- Enhance supply chain visibility to improve security and resilience.
- Integrate security protocols into daily logistics and procurement processes.
- Foster a strong security culture within their organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, engaging, and practical, ensuring that participants can immediately apply their learning to real-world challenges. We believe that adult learning is most effective when it combines expert knowledge with hands-on application. The course is structured around a blend of expert-led presentations, in-depth case study analyses of actual supply chain security breaches, and collaborative group workshops. Participants will engage in team-based exercises to conduct risk assessments, map supply chain vulnerabilities, and design mitigation strategies. Interactive Q&A sessions and facilitated discussions encourage the sharing of experiences and perspectives, enriching the learning environment for all. The program emphasizes a problem-solving approach, where participants work on practical scenarios to develop security plans and incident response protocols. This immersive learning experience is designed to build not just knowledge, but
also the critical thinking and decision-making skills necessary to lead supply chain security initiatives effectively.

Course Agenda (Course Units):

Unit One: Foundations of Modern Supply Chain Security

- Introduction to Supply Chain Security and Logistics Risk.
- The Evolving Threat Landscape: From Piracy to Cyber-Attacks.
- Key Concepts: Vulnerability, Threat, Risk, and Resilience.
- The Financial and Reputational Impact of Security Breaches.
- The Role of Security in Competitive Advantage.
- Understanding the Global Regulatory Environment.
- Core Principles of a Secure Supply Chain.

Unit Two: Supply Chain Risk Assessment and Vulnerability Analysis

- Methodologies for Security Risk Assessment.
- Identifying Critical Nodes and Links in the Supply Chain.
- Threat Identification and Prioritization Techniques.
- Mapping Physical, Procedural, and Cyber Vulnerabilities.
- Analyzing Risks in Transportation Modes (Air, Sea, Land).
- Assessing Warehouse and Distribution Center Security.
- Evaluating Risks from Third-Party Logistics Providers (3PLs).

Unit Three: Implementing Strategic Security Controls

- Developing a Multi-Layered Security Strategy.
- Best Practices in Physical and Facility Security.
- Securing Cargo: Tamper-Evident Seals, GPS Tracking, and Monitoring.
- Personnel Security: Vetting, Training, and Insider Threat Programs.
- Information Security and Cybersecurity for Logistics Systems.
- Implementing Access Control and Surveillance Technologies.
- Procedures for Secure Loading, Transit, and Unloading.

Unit Four: International Standards, Compliance, and Partnerships

- Introduction to ISO 28000: Security Management Systems for the Supply Chain.
- Understanding the Customs-Trade Partnership Against Terrorism (C-TPAT).
- The Authorized Economic Operator (AEO) Program.
- Navigating Customs and Border Security Requirements.
- Building Effective Public-Private Partnerships for Security.
- Managing Trade Compliance and Security Simultaneously.
- Auditing and Continuous Improvement of Security Programs.

Unit Five: Crisis Management and Building a Resilient Supply Chain

- Developing a Supply Chain Incident Response Plan.
- Business Continuity Planning for Logistics Disruptions.
- Crisis Communication Strategies for Stakeholders.
- Learning from Incidents: Post-Event Analysis and Review.
- Leveraging Technology for Enhanced Visibility and Predictive Analytics.
- Fostering a Proactive Security Culture Across the Organization.
- Future Trends and Innovations in Supply Chain Security.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

As global supply chains become increasingly interconnected and reliant on digital technologies, how can organizations balance the drive for efficiency and cost reduction with the escalating need for robust, multi-layered security protocols against both physical and cyber threats?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by adopting a holistic and strategic perspective on supply chain security, moving beyond conventional, siloed approaches that treat security as a mere operational checklist. While other programs may focus narrowly on specific threats or compliance standards, this training integrates physical security, personnel integrity, procedural controls, and cybersecurity into a unified framework for building enterprise-wide resilience. It emphasizes that true security is not just about installing cameras or fences but about cultivating a pervasive security-aware culture and designing intelligent, risk-adaptive processes. The curriculum is built upon real-world case studies and forward-looking scenarios, challenging participants to think critically and strategically rather than just reactively. By focusing on the intersection of risk management, international compliance, and business continuity, the course equips leaders not just to protect assets, but to transform their supply chain security posture into a sustainable competitive advantage that enhances reliability, protects brand reputation, and ensures operational continuity in an increasingly volatile global landscape.