SUPPLY CHAIN RESILIENCE & SUPPLIER CONTINUITY PLANNING



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Introduction

Supply Chain Resilience & Supplier Continuity Planning Training Course prepares organizations to keep goods and services moving when disruption strikes. Pandemics, natural disasters, geopolitical shifts, cyber incidents, and single-source failures all test a supply chain in different ways. This programme builds the practical capability to anticipate those shocks, map dependencies, and prepare tested responses. Participants work with supply chain mapping, risk registers, business impact analysis, and continuity plans following ISO 22301 principles. Furthermore, the course covers inventory buffers, dual sourcing, and contingency logistics. In addition, it addresses supplier recovery, communication protocols, and post-incident review. As a result, attendees can protect operations when the unexpected happens.

Supply Chain Resilience & Supplier Continuity Planning Course Objectives

- Map supply chains across tiers and identify critical dependencies and single points of failure.
- Apply business impact analysis to prioritise products, processes, and suppliers.
- Build supply chain risk registers with likelihood, impact, and mitigation ratings.
- Design continuity plans aligned with ISO 22301 business continuity principles.
- Apply the four resilience strategies: redundancy, flexibility, visibility, and collaboration.
- Design dual sourcing, near-shoring, and inventory buffer strategies.
- Assess supplier financial health, capacity, and continuity exposure.
- Establish disruption response procedures, roles, and escalation paths.
- Manage supplier recovery, alternative supply activation, and expedited logistics.
- Conduct continuity exercises, test plans, and post-incident reviews.

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Course Methodology

- Case studies on real supply chain disruptions and recovery outcomes.
- Hands-on supply chain mapping and dependency analysis exercises.
- Risk register and business impact analysis workshops.
- Group work on continuity plans and recovery procedures.
- Tabletop simulation of a major supplier disruption event.

Who Should Take This Course

- Supply chain and logistics managers.
- Procurement and category leaders.
- Operations and production planning staff.
- Risk and business continuity officers.
- Supplier development and quality professionals.
- Inventory and warehousing managers.
- Consultants advising on supply chain risk programmes.

Supply Chain Resilience & Supplier Continuity Planning Course Outlines

Day 1: Supply Chain Risk and Dependency Mapping

- Sources of supply chain disruption: natural, geopolitical, cyber, and financial.
- Multi-tier supply chain mapping and sub-tier visibility.
- Critical dependency and single point of failure identification.
- Concentration risk and geographic exposure analysis.

- Product and supplier criticality classification.
- Risk appetite and tolerance in supply chain decisions.
- Workshop: mapping a supply chain and identifying critical nodes.

Day 2: Business Impact Analysis and Risk Registers

- Business impact analysis methodology and recovery priorities.
- Defining maximum tolerable downtime and recovery time objectives.
- Financial, operational, and reputational impact assessment.
- Building the supply chain risk register with scoring.
- Likelihood, impact, velocity, and detectability ratings.
- Mitigation planning and residual risk evaluation.
- Exercise: completing a supply chain risk register.

Day 3: Resilience Strategies and Design

- The resilience framework: redundancy, flexibility, visibility, and collaboration.
- Dual sourcing and multi-source strategies.
- Near-shoring, regionalisation, and supplier diversification.
- Strategic inventory buffers, safety stock, and vendor managed inventory.
- Visibility tools: control towers, tracking, and early warning indicators.
- Collaboration with suppliers on joint contingency arrangements.
- Workshop: designing a resilience strategy for a critical category.

Day 4: Continuity Planning and Response

- ISO 22301 business continuity management principles.
- Continuity plan structure and activation criteria.

- Incident management roles, command structure, and escalation.
- Supplier communication protocols and stakeholder notification.
- Alternative supply activation and expedited logistics.
- Financial contingency and insurance considerations.
- Simulation: activating a continuity plan during a supplier disruption.

Day 5: Testing, Recovery, and Continuous Improvement

- Types of exercises: tabletop, simulation, and live testing.
- Designing and running a continuity exercise.
- Measuring recovery performance and deviation analysis.
- Post-incident review and lessons learned.
- Supplier recovery support and relationship management.
- Updating plans, training, and governance oversight.
- Capstone: presenting a supply chain resilience and continuity plan.

Conclusion

By successfully completing Supply Chain Resilience & Supplier Continuity Planning Training Course, participants will gain a structured command of supply chain risk assessment, resilience design, and continuity planning. They will acquire the ability to map dependencies, build risk registers, design continuity strategies, and test response plans before disruption strikes. As a result, they can protect operations, customers, and revenue during unexpected events. Gentex Training Center delivers this programme with a strong focus on practical mapping, planning tools, and real disruption cases.

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FAQs for the Supply Chain Resilience & Supplier Continuity Planning course

Q1 What is the "Supply Chain Resilience & Supplier Continuity Planning" course about?

It explains how to prepare a supply chain for disruption, covering multi-tier mapping, business impact analysis, risk registers, resilience strategies such as dual sourcing and buffers, continuity plans, and testing.

Q2 What are the key benefits of the "Supply Chain Resilience & Supplier Continuity Planning" course?

Participants identify critical dependencies before they fail, prepare tested response plans instead of improvised ones, and reduce recovery time when disruption occurs. They also strengthen supplier communication and continuity oversight, which limits customer impact.

Q3 What skills will I gain from the "Supply Chain Resilience & Supplier Continuity Planning" course?

Multi-tier supply chain mapping and critical dependency identification; business impact analysis with recovery time objectives; supply chain risk register construction and mitigation planning; and continuity plan design, disruption response management, testing exercises, and post-incident review.

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Q4 What tools, methods, or standards are covered in the "Supply Chain Resilience & Supplier Continuity Planning" course?

The course covers multi-tier supply chain mapping, sub-tier visibility, concentration and geographic exposure analysis, product and supplier criticality classification, business impact analysis with maximum tolerable downtime and recovery time objectives, risk registers with likelihood, impact, velocity and detectability ratings, mitigation and residual risk evaluation, the four-part resilience framework of redundancy, flexibility, visibility and collaboration, dual sourcing and multi-source strategies, near-shoring and supplier diversification, safety stock and vendor managed inventory, supply chain control towers and early warning indicators, ISO 22301 business continuity management principles, incident command structures, supplier communication protocols, and tabletop exercise design.

Q5 How is the "Supply Chain Resilience & Supplier Continuity Planning" course applied in real-world practice?

Participants map a supply chain and identify critical nodes, complete a supply chain risk register, design a resilience strategy for a critical category, activate a continuity plan in a supplier disruption simulation, and present a resilience and continuity plan. Each exercise mirrors the work of supply chain risk and continuity teams.