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Supply Chain Digital Strategy and Roadmap Training Course

28 February – 11 March 2027
Cairo

Supply Chain Digital Strategy and Roadmap Training Course

Ref: 1021_38583 **Date:** 28 February – 11 March 2027 **Location:** Cairo **Fees:** 6000 GBP

Supply Chain Digital Strategy and Roadmap is a 2-week training course for supply chain directors and digital transformation leads, and each participant leaves with a Digital Supply Chain Roadmap for one network. Organisations are investing in visibility platforms, control towers and analytics, yet many projects stall because they lack sequencing, clean data and adoption by planners. Jupiter Prime Training runs this Supply Chain Digital Strategy and Roadmap course for leaders shaping that investment.

Why Supply Chain Digital Strategy and Roadmap Matters Now

Three forces push digital choices up the agenda. Customers expect delivery promises tracked in real time, so blind spots between suppliers, plants and carriers now cost orders. Boards ask what each technology spend returns in service, inventory and cost, and they reject projects that cannot show it. Planners and buyers see automation change their decisions and need a clear role in the new model. Organisations that sequence digital capabilities well respond to disruption faster and hold less stock; those that buy tools without a roadmap end with disconnected systems. The course draws on ISO 28000 supply chain security principles and established maturity and control tower models.

Who Gains Most from Supply Chain Digital Strategy and Roadmap

- Leaders accountable for end-to-end planning, sourcing and fulfilment performance
- Heads of transformation who prioritise and fund digital initiatives
- Owners of supply chain data, master records and system integration
- Directors responsible for logistics visibility and carrier performance
- Senior planners moving into control tower and analytics leadership

A business unit that sends its supply chain director, its technology lead and its planning head together gains most, since all three return with one sequenced view of investment, data and role change.

Supply Chain Digital Strategy and Roadmap Capabilities

Participants leave able to turn scattered technology requests into a funded, sequenced set of capability waves with clear owners and benefits.

- Assess digital maturity across plan, source, make and deliver — executive priority setting
- Design a control tower operating model with escalation playbooks — operations directors
- Specify a network digital twin scope and its scenario questions — network design decisions
- Build a data architecture with clear stewardship by domain — technology and data owners
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Weigh platform and best-of-breed options using structured scoring — vendor selection panels
- Communicate a phased roadmap with benefit tracking and funding gates — steering boards

Key Supply Chain Digital Strategy and Roadmap Terms

- Control tower — a central function and toolset that monitors supply chain events, flags exceptions and coordinates responses across partners.
- Digital twin — a virtual model of the supply network used to simulate disruptions, policy changes and new sites before acting.
- Demand sensing — short-horizon forecasting that uses recent orders and market signals to adjust plans within days or weeks.
- Master data — the shared core records for items, locations and suppliers on which every planning and execution system depends.
- Digital maturity — the stage an organisation has reached in using connected data, analytics and automation in its supply chain.
- Capability wave — a group of related digital initiatives delivered together because they share data, skills or dependencies.

Supply Chain Digital Strategy and Roadmap Day by Day

Day 1: Digital Forces Reshaping Supply Networks

- Digital Maturity Assessment — Current Position Across Plan, Source, Make and Deliver
- Customer Promise Mapping — Which Service Gaps Digital Capabilities Must Close
- Competitor and Partner Digital Moves — Implications for Network Design
- Value Case Framing — Linking Digital Bets to Working Capital and Service
- Executive Sponsor Mapping — Who Funds, Owns and Benefits From Change

Day 2: End-to-End Visibility Design

- Event Data Capture — Track-and-Trace Signals From Suppliers and Carriers
- Supplier Portal and Collaboration Hubs — Shared Forecasts and Commitments
- Visibility Gap Heat Map — Blind Spots Between Tiers
- Exception Alert Rules — Which Deviations Deserve Human Attention
- Visibility Investment Sequencing — Inbound, Inventory or Outbound First

Day 3: Control Tower Operating Models

- Control Tower Archetypes — Monitoring, Decision Support and Autonomous Response
- Escalation Playbooks — Resolution Paths for Late Shipments and Shortages
- Control Tower Staffing Model — Analyst Roles, Shifts and Authority Limits
- Control Tower Dashboards — Signal Selection Versus Information Overload
- Service Level Commitments for the Control Tower — Response and Resolution Targets

Day 4: Digital Twins of the Network

- Network Digital Twin Scope — Nodes, Lanes, Capacities and Policies
- Scenario Simulation — Testing Disruptions, Demand Shifts and New Sites
- Twin Calibration — Keeping Model Parameters Aligned With Reality
- Inventory Positioning Experiments — Buffer Placement Across Echelons
- Twin Ownership Model — Who Maintains and Trusts the Simulation

Day 5: Predictive and Prescriptive Analytics

- Demand Sensing Models — Short-Horizon Signals From Orders and Point of Sale
- Lead Time Prediction — Supplier and Carrier Reliability Scoring
- Prescriptive Replenishment Rules — Optimisation Within Service and Cost Limits
- Model Monitoring and Drift — When Forecasts Lose Accuracy
- Analytics Use Case Prioritisation — Value Against Data Readiness

Day 6: Supply Chain Data Architecture

- Master Data Foundations — Item, Location and Supplier Records
- Data Integration Patterns — APIs, EDI and Event Streaming Choices
- Single Source of Truth Design — Reconciling ERP, WMS and TMS Records
- Data Quality Scorecards — Completeness, Timeliness and Accuracy Measures
- Data Ownership and Stewardship Roles — Accountability by Domain

Day 7: Technology Selection and Integration

- Capability Map to Vendor Shortlist — Planning, Execution and Visibility Suites
- Platform Versus Best-of-Breed Choice — Integration Burden and Flexibility
- Request for Proposal Scoring — Functional Fit, Roadmap and Total Cost
- Proof-of-Concept Design — Success Criteria Before Full Rollout
- Cyber Security and Resilience Requirements — ISO 28000 Supply Chain Security Lens

Day 8: Change Adoption and Capability Building

- Planner and Buyer Role Redesign — New Decisions After Automation
- Digital Skills Gap Assessment — Training Paths for Analysts and Supervisors
- Adoption Metrics — Usage, Override Rates and Trust in Recommendations
- Change Network of Champions — Site-Level Advocates and Feedback Loops
- Supplier Onboarding to Digital Processes — Readiness Tiers and Support

Day 9: Roadmap Sequencing and Funding

- Capability Waves — Foundations, Visibility, Analytics and Autonomy
- Dependency Mapping Between Initiatives — Critical Path for Digital Change
- Benefit Tracking Model — Service, Inventory and Cost Outcomes per Wave
- Funding Gates and Stage Reviews — Release Criteria for Next Investment
- Risk Register for Digital Initiatives — Integration, Vendor and Skills Exposure

Day 10: Practising the Digital Supply Chain Roadmap

- Maturity and Visibility Findings Applied — Target State for One Network
- Control Tower and Twin Choices Applied — Operating Design for the Target State
- Data Architecture and Vendor Choices Applied — Integration Blueprint
- Adoption Plan Applied — Role Changes and Training for First Wave
- Digital Supply Chain Roadmap — Final Version Presented to a Mock Steering Board

Applying Supply Chain Digital Strategy and Roadmap After the Course

- Run a digital maturity assessment with planning, logistics and procurement heads and agree the three largest visibility gaps.
- Draft the first capability wave with its data prerequisites, benefit measures and funding gate for the next steering review.

Supply Chain Digital Strategy and Roadmap Questions FAQ

What is Supply Chain Digital Strategy and Roadmap and why does it matter now?

It is the discipline of choosing and sequencing digital capabilities for a supply network. It matters now because visibility, analytics and automation investments only pay back when data, roles and integration are planned in the right order.

Which roles gain most from Supply Chain Digital Strategy and Roadmap?

Supply chain directors, transformation heads, data owners and logistics leaders gain most. You benefit if you prioritise technology spend, own system integration or must show boards what each digital initiative returns in service and inventory.

How does Supply Chain Digital Strategy and Roadmap differ from a supply chain analytics course?

It sets direction and sequence rather than teaching model building. An analytics course trains people to build forecasts and dashboards; this course decides which capabilities come first, how they connect and how the organisation adopts them.

What do you bring back from Supply Chain Digital Strategy and Roadmap?

You bring back a sequenced plan for one network. It covers the target state, control tower and twin design, data architecture, vendor approach, adoption steps and benefit tracking, ready for discussion with your steering board.

Supply Chain Digital Strategy and Roadmap: The Way Forward

The Digital Supply Chain Roadmap first informs which capability wave receives funding next and which prerequisites it needs. Supply chain, technology and finance leaders use it to judge proposals against one sequence. After the first wave goes live, revisit adoption measures and data quality scores, since trust from planners decides how fast later waves can move.