WAREHOUSE MANAGEMENT: STRATEGY, IMPLEMENTATION & CONTROL



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Introduction

Warehouse management works at three levels at once: a strategy that decides where and how stock is held, an implementation that turns design into buildings, systems, and trained crews, and controls that keep performance on target long after go-live. Most operations handle one level well and struggle with the others. This Warehouse Management: Strategy, Implementation & Control Training Course gives warehouse leaders, logistics managers, and supply chain professionals a complete method across all three. Participants learn to set warehouse strategy, design layouts and processes, select systems, implement change, and run daily controls through KPIs and audits. Furthermore, the course links warehouse decisions to cost, service, and capital outcomes.

Warehouse Management: Strategy, Implementation & Control Course Objectives

- Build a warehouse strategy aligned with network design, service targets, and cost goals.
- Evaluate location, capacity, and outsourcing decisions with a total cost view.
- Design layout, zoning, and slotting for efficient flow and future growth.
- Specify processes for receiving, put-away, replenishment, picking, packing, and dispatch.
- Apply ABC and XYZ classification to storage placement and inventory policy.
- Select WMS, barcode, and automation options against measured requirements.
- Build the business case, project plan, and cutover approach for warehouse change.
- Set KPIs, targets, and reporting routines that drive daily control.
- Apply 5S, standard work, and kaizen to hold performance at the improved level.
- Embed safety, risk assessment, and audit practice into warehouse governance.

Course Methodology

- Facilitated sessions built on real warehouse strategies, layouts, and performance data.

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- Strategy and network decision exercises with cost and service modelling.
- Process design workshops covering receiving through dispatch.
- Simulation of an implementation project with cutover and contingency planning.
- Group exercise on a warehouse control and KPI governance plan.

Who Should Take This Course

- Warehouse and distribution centre managers.
- Logistics and supply chain managers.
- Operations and industrial engineering leads.
- WMS and ERP super users and system owners.
- Continuous improvement and performance officers.
- Finance and audit staff reviewing warehouse cost and controls.

Warehouse Management: Strategy, Implementation & Control Course Outlines

Day 1: Warehouse Strategy and Network Design

- Role of warehousing in the supply chain and service promise.
- Network decisions: number, location, and role of facilities.
- Centralised versus decentralised stocking and its cost effect.
- Make, buy, or outsource decisions for warehousing and 3PL selection.
- Capacity planning and long-term space strategy.
- Cost to serve and warehouse cost structure.
- Strategy alignment with sales and operations planning.

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Day 2: Design, Layout, and Process Architecture

- Flow types: U-flow, I-flow, and through-flow compared.
- Zoning: receiving, bulk storage, pick face, packing, dispatch, and returns.
- Rack configuration, aisle planning, and vertical space use.
- Slotting by velocity, cube, weight, and product affinity.
- Process design for receiving, put-away, replenishment, picking, and packing.
- Picking strategies: zone, batch, wave, and cluster.
- Layout drawings, flow diagrams, and relocation sequencing.

Day 3: Systems, Technology, and Inventory Policy

- WMS functional requirements and integration with ERP and transport systems.
- Barcode, RF scanning, and label standards across processes.
- Automation options and when each pays back.
- ABC and XYZ classification for storage and control decisions.
- Economic order quantity, safety stock, and reorder point setting.
- Cycle counting design and record accuracy governance.
- Master data quality as the foundation of system performance.

Day 4: Implementation, Change, and Cutover

- Business case construction with cost, benefit, and payback.
- Project planning, milestones, and resource requirements.
- Vendor selection criteria and contract performance terms.
- User acceptance testing and parallel run design.
- Cutover planning, contingency steps, and rollback options.

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- Training, super users, and floor-level support at go-live.
- Change management for roles and working practices.

Day 5: Control, Performance, and Continuous Improvement

- KPIs: order accuracy, on-time dispatch, cost per order, lines per hour, and safety.
- Dock-to-stock, order cycle time, and perfect order measurement.
- Daily management boards and shift handover routines.
- Space utilisation, labour productivity, and cost reporting.
- 5S, standard work, and kaizen as control mechanisms.
- Safety governance, risk assessment, and warehouse audits.
- Building a multi-year warehouse strategy and control roadmap.

Conclusion

By successfully completing the Warehouse Management: Strategy, Implementation & Control Training Course, participants will have acquired a thorough working knowledge of warehouse strategy and network decisions, layout and process design, system selection, inventory policy, implementation and change management, and daily control through KPIs and audits. They will leave able to set direction for a warehouse, deliver change that sticks, and hold performance with routine controls rather than constant firefighting. Gentex Training Center delivers this programme with warehouse and supply chain practitioners who lead these operations in live environments.

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FAQs for the Warehouse Management: Strategy, Implementation & Control course

Q1 What is the "Warehouse Management: Strategy, Implementation & Control" course about?

It is a five-day programme on managing a warehouse at strategic, implementation, and control levels. It covers network and strategy decisions, layout and process design, systems and inventory policy, implementation and cutover, and daily control through KPIs and audits.

Q2 What are the key benefits of the "Warehouse Management: Strategy, Implementation & Control" course?

Participants make warehouse decisions with a total cost view, deliver projects that go live without disruption, and hold performance with routine controls rather than daily firefighting. They also gain KPIs and reporting that show management how the operation is actually performing.

Q3 What skills will I gain from the "Warehouse Management: Strategy, Implementation & Control" course?

You will gain warehouse strategy and network design, layout and process architecture design, systems selection and inventory policy setting, and implementation, change management, and KPI-based operational control.

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Q4 What tools, methods, or standards are covered in the "Warehouse Management: Strategy, Implementation & Control" course?

The course works with network design and centralised versus decentralised stocking analysis, cost to serve modelling, U-flow, I-flow, and through-flow layouts, velocity-based slotting, wave and batch picking methods, WMS functional requirements with ERP integration, barcode and RF scanning standards, ABC and XYZ classification, economic order quantity and safety stock models, cycle counting with tolerance thresholds, business case and payback modelling, user acceptance testing and cutover checklists, 5S and standard work, and warehouse KPIs including dock-to-stock time, cost per order, and lines per hour.

Q5 How is the "Warehouse Management: Strategy, Implementation & Control" course applied in real-world practice?

Teams apply it when reviewing the warehouse network, designing a new facility or zone, selecting a WMS, planning a system cutover, setting KPI targets for the year, and running the daily management routine. It also guides outsourcing decisions and warehouse audit programmes.