

OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE

Distribution Network Design

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

The number and location of warehouses and distribution routes shape cost and service for years. This course teaches distribution network design: analysing current networks, demand and cost data, service requirements, scenario modelling, total landed cost, trade-offs between inventory and transport, and implementing network changes.

Networks designed years ago rarely fit today's customers and costs. You will learn to evaluate and redesign distribution networks with data.

Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

Course methodology

Network modelling exercises, scenario analysis, case studies and implementation planning.

Course objectives

By the end of this course, participants will be able to:
• Analyse current distribution networks
• Define service and cost objectives
• Model network scenarios
• Evaluate total landed cost trade-offs
• Select warehouse locations and flows
• Plan network implementation

Target audience

This course is suitable for:
• Supply chain and logistics managers
• Network planners
• Operations directors
• Business analysts
• Consultants



Course content

Target competencies

Participants will develop competencies in:

- Network analysis
- Scenario modelling
- Cost trade-offs
- Location selection
- Implementation planning

Course outline

Day 1: Network Fundamentals

09:00–10:08	Network components
10:08–11:00	Service versus cost
11:00–11:30	**Coffee break**
11:30–11:45	Service versus cost (continued)
11:45–12:53	Current state analysis
12:53–14:00	Exercise

Day 2: Data

09:00–10:08	Demand and order profiles
10:08–11:00	Cost data
11:00–11:30	**Coffee break**
11:30–11:45	Cost data (continued)
11:45–12:53	Service requirements
12:53–14:00	Workshop

Day 3: Modelling

09:00–10:08	Scenario modelling
10:08–11:00	Optimisation concepts
11:00–11:30	**Coffee break**



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11:30–11:45	Optimisation concepts (continued)
11:45–12:53	Sensitivity
12:53–14:00	Hands-on

Day 4: Trade-Offs

09:00–10:08	Inventory versus transport
10:08–11:00	Centralisation
11:00–11:30	**Coffee break**
11:30–11:45	Centralisation (continued)
11:45–12:53	Risk and resilience
12:53–14:00	Case study

Day 5: Implementation

09:00–10:08	Business case
10:08–11:00	Transition plan
11:00–11:30	**Coffee break**
11:30–11:45	Transition plan (continued)
11:45–12:53	Risks
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in GBP, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (GBP)
Cape Town Confirmed dates	23 Nov 2026	27 Nov 2026	**£1,890.–**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**£1,250.–**
Dubai Confirmed dates	7 Dec 2026	11 Dec 2026	**£3,150.–**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**£1,250.–**
Cape Town Confirmed dates	11 Jan 2027	15 Jan 2027	**£1,890.–**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**£1,250.–**
Vienna Confirmed dates	1 Feb 2027	5 Feb 2027	**£2,940.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**£1,250.–**
Rome Confirmed dates	22 Feb 2027	26 Feb 2027	**£2,450.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**£1,250.–**
Amsterdam Confirmed dates	15 Mar 2027	19 Mar 2027	**£2,540.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**£1,250.–**
Rome Confirmed dates	29 Mar 2027	2 Apr 2027	**£2,450.–**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**£1,250.–**
Barcelona Confirmed dates	19 Apr 2027	23 Apr 2027	**£2,840.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	10 May 2027	14 May 2027	**£1,450.–**
Online Confirmed dates	10 May 2027	14 May 2027	**£1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Frankfurt Confirmed dates	31 May 2027	4 Jun 2027	**£2,650.-**
Online Confirmed dates	31 May 2027	4 Jun 2027	**£1,250.-**
Dubai Confirmed dates	21 Jun 2027	25 Jun 2027	**£3,150.-**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**£1,250.-**
Vienna Confirmed dates	5 Jul 2027	9 Jul 2027	**£2,940.-**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**£1,250.-**
Barcelona Confirmed dates	26 Jul 2027	30 Jul 2027	**£2,840.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**£1,250.-**
Rome Confirmed dates	16 Aug 2027	20 Aug 2027	**£2,450.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**£1,250.-**
Cape Town Confirmed dates	6 Sept 2027	10 Sept 2027	**£1,890.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**£1,250.-**
London Confirmed dates	27 Sept 2027	1 Oct 2027	**£2,450.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**£1,250.-**
Istanbul Confirmed dates	11 Oct 2027	15 Oct 2027	**£2,650.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**£1,250.-**
Paris Confirmed dates	1 Nov 2027	5 Nov 2027	**£2,860.-**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	22 Nov 2027	26 Nov 2027	**£2,450.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**£1,250.-**
Dubai Confirmed dates	13 Dec 2027	17 Dec 2027	**£3,150.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**£1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon UK certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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View the latest course details online