

DIGITAL INNOVATION AND TRANSFORMATION | COURSE BROCHURE

Internet of Things (IoT) for Business and Operations

5 days | Classroom training | English

SMART HORIZON

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Amsterdam
The Netherlands

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https://smart-horizon.eu



Course content

Why attend

The Internet of Things connects devices, sensors and machines to collect data and enable automation. This course explains IoT architecture, sensors and connectivity, data platforms and analytics, applications in manufacturing, logistics, buildings and utilities, security and privacy, and building IoT business cases.

IoT can improve efficiency, reliability and customer service, but many pilots never scale. This course helps you plan IoT initiatives that deliver measurable value.

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

The course uses architecture explanations, demonstrations, use-case workshops and business case exercises.

Course objectives

By the end of this course, participants will be able to:
- Explain IoT components and architecture
- Select sensors and connectivity options
- Understand IoT data platforms and analytics
- Identify IoT use cases across operations
- Address IoT security and privacy risks
- Build an IoT business case and scaling plan

Target audience

This course is suitable for:
- Operations and engineering managers
- IT and OT professionals
- Digital transformation leaders
- Facilities managers
- Supply chain professionals



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Target competencies

Participants will develop competencies in:

- IoT architecture
- Sensor and connectivity selection
- IoT analytics
- Use-case development
- IoT security
- Business case development

Course outline

Day 1: IoT Fundamentals

09:00–09:54	What IoT is
09:54–10:48	Architecture layers
10:48–11:00	Industry examples
11:00–11:30	**Coffee break**
11:30–12:12	Industry examples (continued)
12:12–13:06	Market trends
13:06–14:00	Exercise: IoT opportunity scan

Day 2: Devices and Connectivity

09:00–09:54	Sensors and actuators
09:54–10:48	Connectivity options
10:48–11:00	Edge computing
11:00–11:30	**Coffee break**
11:30–12:12	Edge computing (continued)
12:12–13:06	Device management
13:06–14:00	Workshop: Selecting technologies



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Day 3: Data and Analytics

09:00–09:54	IoT platforms
09:54–10:48	Data storage and processing
10:48–11:00	Real-time analytics
11:00–11:30	**Coffee break**
11:30–12:12	Real-time analytics (continued)
12:12–13:06	Integration with business systems
13:06–14:00	Demonstration: IoT dashboard

Day 4: Applications and Security

09:00–09:54	Predictive maintenance and asset tracking
09:54–10:48	Smart buildings
10:48–11:00	IoT security threats
11:00–11:30	**Coffee break**
11:30–12:12	IoT security threats (continued)
12:12–13:06	Privacy
13:06–14:00	Case study: Industrial IoT

Day 5: Business Case and Scaling

09:00–09:54	Value and costs
09:54–10:48	Pilots to scale
10:48–11:00	Vendor selection
11:00–11:30	**Coffee break**
11:30–12:12	Vendor selection (continued)
12:12–13:06	Organisation and skills
13:06–14:00	Capstone: IoT business case

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the



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sessions. They are indicative only and do not constitute a binding commitment.

Dates, venues and fees

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

Venue	Start date	End date	Fee (EUR)
Istanbul Confirmed dates	16 Nov 2026	20 Nov 2026	**€2,650.-**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**€1,250.-**
Amsterdam Confirmed dates	7 Dec 2026	11 Dec 2026	**€2,540.-**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.-**
Singapore Confirmed dates	14 Dec 2026	18 Dec 2026	**€2,820.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
London Confirmed dates	4 Jan 2027	8 Jan 2027	**€2,450.-**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Dubai Confirmed dates	18 Jan 2027	22 Jan 2027	**€3,150.–**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**€1,250.–**
Rome Confirmed dates	25 Jan 2027	29 Jan 2027	**€2,450.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.–**
Frankfurt Confirmed dates	1 Feb 2027	5 Feb 2027	**€2,650.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,450.–**
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,250.–**
Paris Confirmed dates	1 Mar 2027	5 Mar 2027	**€2,860.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**€1,250.-**
Istanbul Confirmed dates	15 Mar 2027	19 Mar 2027	**€2,650.-**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.-**
Barcelona Confirmed dates	29 Mar 2027	2 Apr 2027	**€2,840.-**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**€1,250.-**
Amsterdam Confirmed dates	5 Apr 2027	9 Apr 2027	**€2,540.-**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.-**
Singapore Confirmed dates	19 Apr 2027	23 Apr 2027	**€2,820.-**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	3 May 2027	7 May 2027	**€2,450.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**
Dubai Confirmed dates	17 May 2027	21 May 2027	**€3,150.–**
Online Confirmed dates	17 May 2027	21 May 2027	**€1,250.–**
Cape Town Confirmed dates	31 May 2027	4 Jun 2027	**€1,890.–**
Online Confirmed dates	31 May 2027	4 Jun 2027	**€1,250.–**
Frankfurt Confirmed dates	7 Jun 2027	11 Jun 2027	**€2,650.–**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,450.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.-**
Paris Confirmed dates	5 Jul 2027	9 Jul 2027	**€2,860.-**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.-**
Istanbul Confirmed dates	19 Jul 2027	23 Jul 2027	**€2,650.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**€1,250.-**
Amsterdam Confirmed dates	2 Aug 2027	6 Aug 2027	**€2,540.-**
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**€1,250.-**
Cape Town Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,890.-**
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,250.-**



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Dates, venues and fees (continued)

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Singapore Confirmed dates	16 Aug 2027	20 Aug 2027	**€2,820.-**
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**€1,250.-**
London Confirmed dates	6 Sept 2027	10 Sept 2027	**€2,450.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Dubai Confirmed dates	20 Sept 2027	24 Sept 2027	**€3,150.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.-**
Rome Confirmed dates	27 Sept 2027	1 Oct 2027	**€2,450.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Frankfurt Confirmed dates	4 Oct 2027	8 Oct 2027	**€2,650.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,450.–**
Online Confirmed dates	18 Oct 2027	22 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.–**
Istanbul Confirmed dates	15 Nov 2027	19 Nov 2027	**€2,650.–**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**€1,250.–**
Vienna Confirmed dates	29 Nov 2027	3 Dec 2027	**€2,940.–**
Online Confirmed dates	29 Nov 2027	3 Dec 2027	**€1,250.–**



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Dates, venues and fees (continued)

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Amsterdam Confirmed dates	6 Dec 2027	10 Dec 2027	**€2,540.-**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**€1,250.-**
Singapore Confirmed dates	13 Dec 2027	17 Dec 2027	**€2,820.-**
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 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