



SECURITY MANAGEMENT | SM-005

CCTV and Security Technology Systems

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Course content

Why Attend

Security technologies such as CCTV, video analytics, intrusion detection and integrated security platforms extend the reach of security teams when correctly specified and operated.

This Aractech course covers CCTV system design and camera selection, video management systems, analytics and AI, intrusion detection, integration platforms, networks and cybersecurity, privacy compliance and system maintenance. Participants specify a security technology solution.

Course Methodology

- Technology presentations
- Specification workshops
- Case studies
- Demonstrations
- Group discussions

Course Objectives

- Specify CCTV systems for operational requirements
- Select cameras, lenses and video management systems
- Apply video analytics and AI responsibly
- Understand intrusion detection and integration
- Secure security systems against cyber threats
- Comply with privacy rules and maintain systems

Target Audience

- Security managers
- Security technicians and integrators

Course content

- Facilities managers
- IT staff supporting security

Course outline

Detailed course outline

Day-by-day outline for CCTV and Security Technology Systems.

Day 1 - CCTV Requirements

- 09:00-09:45 | Operational requirements
- 09:45-10:30 | Detection, recognition and identification
- 10:30-11:00 | Coverage planning
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Coverage planning (continued)
- 11:45-12:30 | Standards
- 12:30-14:00 | Exercise: Requirements

Day 2 - Cameras and Recording

- 09:00-09:45 | Camera types
- 09:45-10:30 | Lenses and lighting
- 10:30-11:00 | Video management systems
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Video management systems (continued)
- 11:45-12:30 | Storage
- 12:30-14:00 | Workshop: Camera selection

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Day 3 - Analytics and Intrusion Detection

- 09:00-09:45 | Video analytics
- 09:45-10:30 | AI applications
- 10:30-11:00 | Intrusion detection sensors
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Intrusion detection sensors (continued)
- 11:45-12:30 | False alarms
- 12:30-14:00 | Demonstration: Analytics

Day 4 - Integration and Cyber

- 09:00-09:45 | Integration platforms
- 09:45-10:30 | Networks
- 10:30-11:00 | Cybersecurity
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Cybersecurity (continued)
- 11:45-12:30 | Remote monitoring
- 12:30-14:00 | Case study: Hacked cameras

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Day 5 - Privacy and Maintenance

- 09:00-09:54 | Privacy compliance
- 09:54-10:48 | Signage and retention
- 10:48-11:00 | Maintenance
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Maintenance (continued)
- 12:12-13:06 | Performance testing
- 13:06-14:00 | Capstone: Technology specification

Seminar dates

Available seminar dates

Live dates and pricing for CCTV and Security Technology Systems generated from the course details page.

Date	Location	Format	Fee
2 - 6 November 2026	London	Classroom	€2,315
21 - 25 December 2026	Amsterdam	Classroom	€2,830
18 - 22 January 2027	Amsterdam	Classroom	€2,830
15 - 19 February 2027	Istanbul	Classroom	€1,978
15 - 19 March 2027	Geneva	Classroom	€4,315
19 - 23 April 2027	Barcelona	Classroom	€2,815
17 - 21 May 2027	Rome	Classroom	€3,460
21 - 25 June 2027	Munich	Classroom	€3,225
19 - 23 July 2027	Geneva	Classroom	€4,315
16 - 20 August 2027	Amsterdam	Classroom	€2,830

Seminar dates

Available seminar dates

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Date	Location	Format	Fee
20 - 24 September 2027	Amsterdam	Classroom	€2,830
18 - 22 October 2027	Istanbul	Classroom	€1,978
15 - 19 November 2027	Geneva	Classroom	€4,315
20 - 24 December 2027	Barcelona	Classroom	€2,815
2 - 6 November 2026	Online / Live	Online / Live	€1,815
21 - 25 December 2026	Online / Live	Online / Live	€1,815
18 - 22 January 2027	Online / Live	Online / Live	€1,815
15 - 19 February 2027	Online / Live	Online / Live	€1,815
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19 - 23 April 2027	Online / Live	Online / Live	€1,815

Seminar dates

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17 - 21 May 2027	Online / Live	Online / Live	€1,815
21 - 25 June 2027	Online / Live	Online / Live	€1,815
19 - 23 July 2027	Online / Live	Online / Live	€1,815
16 - 20 August 2027	Online / Live	Online / Live	€1,815
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