



Training Course: Artificial Intelligence in National Security: Strategy, Innovation, and Impact

> 22 - 26 September 2025 Barcelona (Spain) Grupotel Gran Via 678

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Training Course: Artificial Intelligence in National Security: Strategy, Innovation, and Impact

Training Course code: SC236131 From: 22 - 26 September 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 6000 [] Euro

Introduction:

Artificial Intelligence AI is transforming the global landscape of national security by introducing new methods to detect threats, optimize defense strategies, and support faster, more informed decision-making. From strategic planning to tactical field operations, AI enables governments and security institutions to innovate in intelligence gathering, surveillance, crisis response, and threat prediction.

This program provides a comprehensive exploration of how AI is shaping the future of national security. Participants will gain strategic insights into AI applications across key security functions while also examining governance frameworks, ethical implications, innovation opportunities, and real-world implementation models.

Designed for security leaders, policymakers, and innovation teams, this course combines policy-level thinking with operational impact, offering a blend of strategic frameworks, case studies, and emerging trends.

Objectives:

By the end of the program, participants will be able to:

- Understand the strategic role of AI in modern national security architecture.
- Identify the key AI technologies applicable to defense, intelligence, and homeland protection.
- Analyze successful global case studies of AI-driven national security innovation.
- Explore ethical, legal, and policy considerations in deploying AI for security operations.
- Design roadmaps for integrating AI into national security initiatives.

Target Audience:

- National security and defense leaders
- Intelligence officers and analysts
- · Government innovation and digital transformation teams
- · Homeland security and civil protection officials
- Strategic policy advisors in ministries of interior or defense
- Technology leaders supporting government security initiatives



Outlines:

Day 1:

Foundations of AI and Its Relevance to National Security

- Overview of AI, machine learning, and deep learning
- · Strategic implications of AI on national and global security
- · AI capabilities across surveillance, threat detection, logistics, and command systems
- Frameworks for integrating AI into national security planning

Day 2:

Global Trends and Use Cases of AI in Security

- Case studies from defense, intelligence, and homeland security sectors
- Role of AI in border control, critical infrastructure protection, and tactical response
- · Civil-military integration of AI technologies
- · Risks and limitations of AI adoption in high-stakes environments

Day 3:

Innovation and Capability Development

- Identifying national security challenges that benefit from AI
- Building AI innovation pipelines in defense organizations
- Al ecosystem development: partnerships, academia, startups
- Resource planning and talent development for sustainable AI capability

Day 4:

Policy, Ethics, and Governance

- Ethical challenges of using AI in surveillance, defense, and intelligence
- Legal and regulatory frameworks for AI in public security
- Ensuring explainability, accountability, and non-bias in security AI systems
- Al governance models for national institutions



Day 5:

Designing Strategic AI Integration Plans

- Roadmapping AI adoption in national security entities
- Aligning AI innovation with national defense strategy and security doctrine
- Metrics and KPIs for evaluating AI performance and impact
- Group exercise: Designing an AI-driven initiative for a national security priority



Registration form on the Training Course: Artificial Intelligence in National Security: Strategy, Innovation, and Impact

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