Digital Transformation and Cyber-Security Integration Training Course



14 - 18 Dec 2026

Cairo

3700 € (Per Person)

Ref: #DT2748_264885

Course Introduction / Overview:

This training course is an essential program designed for leaders who recognize that cybersecurity is not a barrier to digital transformation but an enabler of it. It moves beyond a focus on simple security tools to address the strategic and cultural challenges of building a secure and resilient digital organization. Participants will learn how to integrate cybersecurity into their digital transformation strategy, from the initial planning stages to implementation and long-term management. The program covers key topics like risk management, data governance, and building a security-aware culture. It is informed by the work of authors like Michael Porter, who in his book Competitive Strategy, argues that a company can create a sustainable advantage by using technology to create value for its customers. This course at BIG BEN Training Center emphasizes a blend of strategic planning and operational security. By the end, professionals will have a clear, actionable roadmap for leading a secure digital transformation. This program is for any organization that wants to remain competitive and relevant while protecting its most valuable assets.

Target Audience / This training course is suitable for:

- Chief Information Officers (CIOs) and Chief Technology Officers (CTOs).
- IT and digital transformation managers.
- Cybersecurity professionals and risk managers.
- Senior executives and corporate leaders.
- Operations managers and department heads.
- Anyone responsible for managing digital assets.
- Consultants in technology and security.

Target Sectors and Industries:

- Financial Services and Banking.
- Healthcare and Pharmaceuticals.
- Technology and Software Development.
- Retail and E-commerce.
- Manufacturing and Industrial.
- Government agencies and equivalent public sector organizations.
- Telecommunications.

Target Organizations Departments:

- Information Technology (IT).
- Cybersecurity and Risk Management.
- Strategic Planning.
- Operations.
- Finance.
- Human Resources (HR).
- Legal and Compliance.

Course Offerings:

By the end of this course, the participants will have able to:

- Formulate a digital transformation strategy that includes cybersecurity.
- Identify and mitigate key cybersecurity risks.
- Implement a system for data governance and privacy.
- Lead a team through the change management process.
- Build a roadmap for secure implementation and execution.
- Overcome cultural and organizational barriers to change.
- Measure the return on investment (ROI) of digital projects.

Course Methodology:

This training course uses a highly practical and project-based methodology. The program is built around a single, comprehensive case study that follows an organization's digital transformation journey from a cybersecurity perspective. Participants will work in teams to apply a variety of frameworks, like the NIST Cybersecurity Framework, to analyze challenges and develop solutions. The course is designed to be highly interactive, with hands-on workshops that allow participants to build a realistic roadmap for their own organizations. Each unit includes a project where participants must present their strategic choices and justify their decisions. Instructors at BIG BEN Training Center will provide expert guidance, helping participants navigate the complex interdependencies between technology, security, and strategy. This pragmatic approach ensures that participants leave with a clear understanding of the principles of digital transformation and the practical skills to lead it in their own companies. This program is for professionals who want to move beyond abstract concepts to concrete, actionable plans.

Course Agenda (Course Units):

Unit One: The Foundations of a Secure Transformation

- Defining digital transformation and cybersecurity in a modern context.
- The strategic benefits and risks of digital change.
- Diagnosing your organization's digital maturity and security posture.
- The role of leadership in setting the vision.
- Case study on a company that successfully transformed.
- Identifying key digital opportunities and threats.
- Building a business case for digital investment.

Unit Two: Strategic Planning and Risk Management

- Developing a vision and mission for the digital journey.
- Using a digital business model framework.
- Identifying and prioritizing key strategic initiatives.
- Building a clear roadmap for implementation.
- The role of data and analytics in strategic decision-making.
- Planning for different transformation scenarios.
- Workshop on a digital strategy roadmap.

Unit Three: Managing the Change Process

- Understanding the cultural barriers to change.
- Communicating the vision to employees and stakeholders.
- Building a coalition of champions for transformation.
- The role of an agile mindset in a digital journey.
- Developing a change management plan.
- Overcoming resistance from within the organization.
- Case study on a company that failed to manage the change.

Unit Four: Technology and Security

- Identifying the right technology for your strategy.
- Understanding the role of cloud computing, AI, and automation.
- Transforming core government processes with technology.
- Managing the project lifecycle for a digital initiative.
- The role of cybersecurity and data governance.
- Building a seamless citizen experience.
- Workshop on a technology implementation plan.

Unit Five: Implementation and Sustainable Growth

- Developing a plan for piloting a new digital service.
- Establishing key performance indicators (KPIs) for digital projects.
- Measuring the return on public value of your transformation.
- The role of a leader in ensuring long-term success.
- Building a culture of continuous learning and improvement.
- Final project presentation on a digital transformation plan.
- Review and feedback session.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can a leader effectively manage the paradox of digital transformation, which requires both a long-term strategic vision and a culture of agile, rapid experimentation with a tolerance for frequent failure?

What unique qualities does this course offer compared to other courses?

This training course is unique because it is designed specifically for the public sector, addressing the unique challenges and opportunities of smart governance. It recognizes that digital transformation in government is about creating public value, not profit, and provides a clear framework for navigating the complexities of bureaucracy, politics, and citizen engagement. The curriculum is highly practical, with a focus on real-world case studies and hands-on workshops that allow participants to immediately apply new skills to their own organizations. Unlike a traditional business course, this program emphasizes a public value mindset, stakeholder management, and citizen-centric design. It gives professionals a valuable skill set that combines strategic foresight with a deep understanding of technology and change management, preparing them to lead their organizations into a more responsive and effective future.