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IT Master Plan Training

3 days (21 hours)

Presentation

The Information Systems Master Plan is a strategic step in planning the medium-term evolution of your information systems.

Our training course will enable you to understand the challenges of the IS Master Plan, to structure a complete development process, and to build a roadmap adapted to your organization.

You'll be able to carry out a diagnosis of the existing system, identify business needs, define a target vision, prioritize high-value projects and steer an action plan over 3 to 5 years.

You'll also know how to set up appropriate governance, communicate the IS Master Plan effectively and support change over the long term.

The IS Master Plan enables you to steer digital innovation, application rationalization, cloud or data transformation, and anticipate technological disruptions. It can be adapted to all types of organization: start-ups in the process of structuring, growing SMEs, international groups or government agencies.

Following this course, you will be able to design, formalize and manage an operational IS master plan, in line with your strategic challenges.

Like all our training courses, this one is based on market best practices, real multi-sector case studies and reusable tools.

Objectives

- Understand the purpose and scope of an IS master plan
- Carry out a complete diagnosis of the existing IS
- Draw up a target vision and prioritized roadmap

- Structure governance and sustainable management of the IS master plan
- Involve business departments and support digital strategy

Target audience

- CIOS
- Project managers
- PMO
- AMOA consultants

Prerequisites

- General knowledge of enterprise IS operations
- No advanced technical expertise required

Understanding the strategic role of the IS master plan

- Definition and purpose of an IS master plan
- Link between corporate strategy and IS strategy
- Benefits of the ISMS: management, alignment, performance
- Specific issues in technological environments
- Case studies from different sectors (public, tech, industry...)

Framing the approach and mobilizing stakeholders

- Identify ISDS stakeholders
- Clarify roles: senior management, IT department, business lines
- Organize the governance of the master plan project
- Set objectives, scope and deliverables
- Define the main strategic areas to be covered

Carry out a diagnosis of existing systems

- Map processes, applications and infrastructures
- Analyze data, flows, tools and dependencies
- Assess the organization's digital maturity
- Identify breaking points, technical debts and risks
- Gather business needs and user expectations
- Workshop: Express diagnosis of an existing IS based on a simulated case study

Formalize IS needs and ambitions

- Conduct effective business interviews or workshops

- Transform irritants or constraints into areas for improvement
- Prioritize needs according to their strategic impact
- Translate business needs into IS requirements
- Identify technological breakthroughs to be anticipated

Build a coherent and ambitious target vision

- Draw up a target architecture (functional, application, technical)
- Urbanize the IS and model target flows
- Anticipate the integration of emerging solutions (cloud, API, AI...)
- Define IS evolution guidelines
- Validate overall consistency with strategic orientations
- Workshop: Co-construction of an IS target (applications, data, infrastructure)

Draw up a strategic roadmap

- Prioritize projects according to value and feasibility
- Segment the roadmap into waves or cycles
- Define milestones, interdependencies and key milestones
- Estimate budgets, costs and resources
- Integrate quick wins, structuring projects and cross-functional initiatives

Define implementation governance

- Structure operational and strategic monitoring governance
- Define steering bodies, rhythms and roles
- Create a monitoring grid (KPIs, alerts, progress indicators)
- Set up shared reporting tools
- Identify risk management and arbitration mechanisms
- Workshop: Designing an SDS management dashboard

Communicate, drive change and engage teams

- Build a communication strategy around the SDS
- Tailor the message to the target audience (GM, business lines, users)
- Support teams through technological transitions
- Organize training and upgrading of IS skills
- Anticipate and deal with resistance to change

Ensure the long-term viability of the ISDS

- Plan review points (annual, rolling, ad hoc)
- Integrate the ISDS into the organization's multi-year budget
- Measure results and recalibrate if necessary
- Capitalize on feedback and disseminate best practices
- Maintain strategic agility in the roadmap

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.