



IT Strategy and Architecture Principles & Practices

Reconstructing the Enterprise in the Virtual World

► Upcoming Sessions

09-13 Sep 2024	Istanbul - Turkey	\$5,950
02-06 Dec 2024	Dubai - UAE	\$5,950
07-11 Apr 2025	Dubai - UAE	\$5,950

► Training Details

Training Course Overview

The IT strategy (information technology strategy) is a comprehensive plan that outlines how technology should be used to meet IT and business goals, and in the current working environment it is the cornerstone of any enterprise as the environment of business all over the world has changed dramatically. The IT strategy as a written document that details the multiple factors that affect the organization's investment in and use of technology is directly defining the IT architecture, Principles and Practices that the enterprise will use in order to achieve the level of digitalization that will enable it to reach its business goals.

This Anderson training course is designed to help the raining and future leaders face the challenge of fusing technology with business. This course is focused on the adequate ways and means of developing IT strategy and adopting adequate IT architecture, principles and practices to achieve the goals stated in the IT strategy.

Training Course Objectives

By the end of this Anderson training course, you will be able to:

- Apply the IT strategy development methods adequate for your enterprise
- Understand Enterprise Architecture and its adaptation steps
- Achieve Business Goals with implementation of IT Enterprise Objectives
- Identify the best model and framework for your enterprise
- Use the digitalization within the IT strategy and Enterprise Architecture
- Understand the use of digital twins for the optimization of the work and organisation

Designed For

This Anderson training course is suitable to a wide range of professionals but will greatly benefit:

- Technology Engineers, Chief Technology Officer (CTO) and Chief Information Officer (CIO)
- Enterprise Architect Team Members
- Business Analysts and Project Management Professionals
- Portfolio Executives for involvement with infrastructure and application development
- Team leaders, supervisors, section heads and managers
- Professionals who have an interest in a management position
- Anyone who wants to become a leader in their work role
- Project, purchasing, finance & production officers and personnel

- ▶ Technical professionals including those in Planning, Maintenance, Engineering & Production

Learning Methods

To enhance learning we utilize proven adult learning technology and methods that will result in maximum retention and application. This includes presentations, discussion, practical activities, videos, team practice exercises and case studies. The course also presents several examples of the use of digital twins within the IT Strategy and Architecture.

▶ Training Details

Day One: Introduction to Architecture and Architects

- ▶ Architects and IT Architecture
- ▶ Architecture and Strategy in Context
- ▶ Architecture Domains and Challenges
- ▶ Concepts behind Architecture Frameworks
- ▶ Focus on the users

Day Two: Enterprise Architecture and Digitalisation

- ▶ Terms and Domains Defined
- ▶ Enterprise Architecture Frameworks and Selection Principles
- ▶ Interface, Governance and Products for Enterprise Architectures
- ▶ Implementation Strategy of Enterprise Architecture Digitalization
- ▶ Enterprise Architecture Key Management Considerations
- ▶ Choices for Enterprise Architecture TOGAF, Zachman Framework (ZF) and RUP/EUP, DoDAF, MODAF, AGATE, FEA, CEAF and NASCIO

Day Three: Enterprise Architecture Concepts

- ▶ Architecture Frameworks and Enterprise Architecture
- ▶ Enterprise Architecture Principles and Practices
- ▶ Current State Future State Architecture
- ▶ Concepts behind Gap Analysis
- ▶ Business and IT/Technology Alignment Issues
- ▶ The Framework Dilemma
- ▶ Types of Architecture Frameworks

Day Four: Information Architecture and Digital Twins

- ▶ Modeling the Digital Twin of IT architecture
- ▶ Digital Twins in industry
- ▶ Data Management Tools
- ▶ Information Management Tools
- ▶ Approaches to Architecture (Business, System and Technical)
- ▶ Successfully leveraging Service-Oriented and Model Approach to Architecting
- ▶ Completing the Design and Avoiding Common Pitfalls
- ▶ Integration technologies, middleware platforms and architecture

Day Five: What Drives the future in IT strategy

- ▶ Aligning IT Requirements to Business Challenges
- ▶ Creating a digital twin for IoT
- ▶ Regulatory Compliance and Legal Considerations
- ▶ Customer journeys and interactions simulation
- ▶ Digital twin impact on the enterprise architecture
- ▶ Summary and Case Study

▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course

▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

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Request for a Tailor-made training and educational experience for your organization now:

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