



## **IT Strategy & Architecture Principles and Practices**

### **Objectives**

- Understand Enterprise Architecture, Its Strategic Aims and Objectives
- Align Commercial Drivers within the Enterprise with IT Enterprise Objectives
- Consider the best model and framework for current requirements
- Consider appropriate governance and legal considerations
- Appreciate the current state and future direction of Enterprise Architecture
- Appreciate best management practice to avoid commercial difficulties

### **Who Should Attend?**

- 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

### **Outlines:**

#### **Day One: Introduction to Architecture and Architects**

- Architects and IT Architecture
- Why, How, When on Architecting
- Architecture and Strategy in Context
- Architecture Domains and Challenges
- Concepts behind Architecture Frameworks

#### **Day Two: Enterprise Architecture**

- Terms and Domains Defined
- Enterprise Architecture Frameworks and Selection Principles
- Interface, Governance and Products for Enterprise Architectures
- Implementation Strategy
- Enterprise Architecture Key Management Considerations
- Choices for Enterprise Architecture TOGAF, Zachman Framework (ZF) and RUP/EUP, DoDAF, MODAF, AGATE, FEAF, 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 Integration Architecture**

- Modeling
- 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, architecture

### **Day Five: Current State and Future Strategic Drive**

- Aligning IT Requirements to Business Challenges
- Effective Planning and Portfolio Management
- Regulatory Compliance and Legal Considerations
- Future Trends and Social Networking
- Summary and Case Study