**STRATEGIC MODELLING FOR BUILDING ENTERPRISE ARCHITECTURE**

**3-Day Public or In-house Overview Course for Rapid Delivery of Enterprise Architecture, in 3-month Increments**

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## <u>Introduction</u>

Enterprise Architecture is essential to achieve business integration and technology integration in today's complex business environment. This is recognized by organizations and governments world-wide. Unfortunately most Enterprise Architecture projects to-date have been multi-year, high-cost projects before any value is delivered.

This 3-day course provides an overview of the methods and technologies that enable priority business activities and processes, as identified by management, to be delivered into production rapidly, in 3-month increments. These methods identify common shared data, enterprise-wide. They enable reusable business processes to be implemented once, yet shared throughout the enterprise. This saves not only on development time and cost, but also on day-to-day operational costs of the resulting shared, common processes.

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## <u>Objectives</u>

- Gain an Appreciation why Rapid Delivery Methods are needed today for Success with Enterprise Architecture
- Gain an Overview of which Rapid-Delivery Enterprise Architecture Methods and Technologies have been used Successfully by Government and Corporate organizations
- Gain an Overview of how Common, Reusable Business Activities and Processes can be identified as Priorities for Early Delivery into Production
- Gain an Introduction to Methods used to Derive Project Plans from Integrated Data Models, to manage these Priority Activities and Processes through Rapid Development into Production

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## <u>Audience</u>

CIO, CTO, Government Program Managers, Business Managers, Business Experts, IT Managers, Project Managers, Business Analysts, Systems Analysts, Enterprise Architects.

<u>**Course Outline**</u>

*An Overview of the Strategic Modelling Methods that are used for Rapid Delivery of Enterprise Architecture*

## 1. ESTABLISHING ENTERPRISE ARCHITECTURE DIRECTIONS

- Strategic e-Government and e-Business directions from Day 1
- Management priorities, governance and security issues
- Zachman Framework concepts and rules
- Methodologies for EA Reference Models plus C4ISR and DoDAF for Defense

## 2. ENTERPRISE ARCHITECTURE RAPID DELIVERY PROJECTS

- Real world examples of e-Government and e-Business projects for rapid delivery of priority Enterprise Architecture areas
- Criteria for Success, with potential failure issues to avoid

## 3. ASSURING INTEGRATION: BUSINESS DATA MAPPING FOR ENTERPRISE ARCHITECTURE

- Strategy-driven Data Modelling methods to transform business models into implementation
- Applying Enterprise Engineering disciplines and proven methodologies
- Resolution of semantic issues

## 4. FACILITATED STRATEGIC MODELING FOR e-GOVERNMENT AND e-BUSINESS

- In this facilitated session, team members learn how strategic modeling enables rapid delivery
- How to transform Business models to integrated databases and reusable processes
- Identifying priority activities for rapid delivery

## 5. BUSINESS NORMALIZATION TO IDENTIFY FUTURE e-GOVERNMENT AND e-BUSINESS NEEDS

- Business Normalization methods applied by business experts and IT
- Methods and rules for business model to systems model transformations
- Identifying further business data needs and activities that indicate business opportunities

## 6. VALIDATING ALIGNMENT GOALS AND PLANS

- Through this Interactive Workshop, team members learn how to identify e-Government and e-Business integration opportunities that are achieved through Strategic Alignment
- Engaging Executive Management in Security and Governance Analysis Frameworks
- Aligning Models across rows and columns to realise business integration opportunities

## 7. DERIVING PROJECT PORTFOLIOS FOR RAPID DELIVERY OF ENTERPRISE ARCHITECTURE

- In this Interactive Workshop, team members will learn important steps for deriving project plans and prioritizing implementation efforts based on data models, business plans and business rules.
- Refining project scope and deliverables for rapid sub-project deliveries in 3-month increments
- Balancing mandates, business plans and resource demands
- Demonstrating alignment and integration

## 8. DESIGN AND DELIVERY PERSPECTIVES

- Interactive Case Study session using learned methods to transform priority areas into Design and Delivery perspectives

## 9. OPPORTUNITY, ROI AND COST ANALYSIS METHODS FOR e-GOVERNMENT AND e-BUSINESS

- Costing methods to analyze e-Government and e-Business opportunities for efficiency, cost effectiveness and Return on Investment (ROI)
- Evaluating implementation alternatives

## 10. BRIDGING THE GAP: PORTFOLIO ALIGNMENT FOR e-GOVERNMENT AND e-BUSINESS

- Case Study session aligns transformed Business Models to Design Architecture across all columns of the Zachman Framework

## 11. VALIDATING ENTERPRISE ARCHITECTURE ALIGNMENT AND DELIVERABLES

- Case Study session to test all e-Government and e-Business deliverables developed in earlier workshops for completeness
- Determining Enterprise Architecture deliverables for business priority alignment
- Documentation of Enterprise Architecture Plan (EAP) for rapid delivery of priority areas into production in 3-month increments for success of e-Government and e-Business strategies

## 12. e-GOVERNMENT AND e-BUSINESS SUCCESSFUL IMPLEMENTATION

- Policies, roles and responsibilities
- e-Government Program Office strategies
- Communications, Promotion and Architecture access
- Sustaining executive involvement through Governance Analysis Frameworks for Audit and Security Internal Control Reporting