RAPID DELIVERY OF ENTERPRISE ARCHITECTURE

5-Day Public or In-house Course with Interactive Team Sessions to Fast Track your Enterprise Architecture Implementation, for Rapid Delivery in 3-month Increments

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<u>**Introduction**</u>

An effective 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. For example, the development of an Enterprise Architecture is mandated for USA Federal Government and Defense Departments today, through the Clinger-Cohen Act of 1996. This is reflected in the US Federal Enterprise Architecture Framework (FEAF) and similar DoD Architecture Frameworks, such the earlier C4ISR and the current DoDAF.

Unfortunately most Enterprise Architecture projects to-date have been multi-year, high-cost projects before any value is delivered. This 5-day course addresses that problem with rapid-delivery methods and technologies that enable priority business activities and processes, identified by management, to be delivered into production in 3-month increments. These methods identify common shared data, enterprise-wide. They identify reusable business processes that can 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 resulting shared, common processes. These methods can be used in your existing Enterprise Architecture projects, whether based on FEAF, C4ISR or DoDAF, or other approaches.

With the rapid pace of change today, the need for transformation through Enterprise Architecture to an agile enterprise that can change direction rapidly has never been greater. Yet the structures, processes and systems that we have today are inflexible: they are incapable of rapid change. This is both a business problem and a computer problem. It needs strategic direction from senior management and strategic planners, using management methods covered in Day 1 - Enterprise Architecture for Managers. These management directions are translated in Days 2 - 5 into rapid action by your business experts working with your IT experts.

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> *"Clive has developed a way to integrate the semantic models with the primitive process models. Strategically, this is important because if you align these with the goals of the business, you can determine what slivers need to be built first to implement Enterprise Architecture consistently in the enterprise."*

> ... < Architecture Enterprise and Governance on imperatives business legislative for organization your prepare to sessions team Interactive>< Architecture Enterprise and Governance on imperatives business legislative for organization your prepare to sessions team Interactive>**Stan Locke,** Zachman Framework Associates

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Objectives

- Understand why Rapid Delivery Methods are needed today for Success with Enterprise Architecture

- Learn which Rapid-Delivery Enterprise Architecture Methods and Technologies have been used Successfully by Government. Defense and Corporate organizations

- Understand how Common, Reusable Business Activities and Processes can be Identified as Priorities for Early Delivery into Production

- Learn how to Derive Project Plans from Integrated Data Models, to Manage these Priority Activities and Processes through Rapid Development into Production

- Learn how to use these Methods and Technologies through Interactive Team sessions to prepare your Organization for rapid delivery of Enterprise Architecture

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Audience

Day 1 Audience

CEO, COO, CFO, CIO, CTO, Senior Business Managers, Corporate Planners, Balanced Scorecard, Governance and Audit, Business Experts, IT Managers, Project Managers, Enterprise Architects.

Days 1-5 Audience

CIO, CTO, Business Managers, Corporate Planners, Business Experts, Balanced Scorecard, Governance and Audit, IT Managers, Project Managers, Enterprise Architects, BPR Analysts, BPM Analysts, Business Analysts, Systems Analysts.

Day One

ENTERPRISE ARCHITECTURE FOR MANAGERS

Essential for Executives, Business Managers, Program Office Managers and IT involved in Planning and Implementing Enterprise Architecture

1. PLANNING FOR BUSINESS TRANSFORMATION SUCCESS
- Why are Balanced Scorecard, Governance Analysis and Business Transformation Enablement so important today?
- Imperatives for alignment and integration of the business, its systems and technology
- Learn how the concepts and rules of the Zachman Framework for Enterprise Architecture provide a new paradigm for planning, scoping and fast-tracking Balanced Scorecards and Governance projects
- Transforming business perspectives directly to rapid design and delivery efforts

2. BUSINESS PLANS, GOALS AND BALANCED SCORECARD MEASURES

- Planning methods used to analyze business goals and Balanced Scorecard measures
- How to gather and interpret existing plans and directives
- How to analyze the Perspectives of Planners and Owners to provide the basis for business transformation and rapid delivery of Enterprise Architecture

3. BUSINESS PLAN ANALYSIS - CASE STUDY

- Case Study session for refinement of business plans and identification of organizational goals and business transformation opportunities
- Criteria for Success, with potential failure issues to avoid

4. IDENTIFYING STRATEGIC OPPORTUNITIES FOR BUSINESS TRANSFORMATION

- Translating business plans into opportunities for reusability and cost savings
- How the design and delivery of critical assets optimizes implementation
- Addressing current issues – e.g. Security legislation and initiatives, e-Government and e-Business Web Strategies, Business Intelligence and Supplier/Customer Integration

5. FOCUSING ON PRIORITY IMPLEMENTATIONS

- In this Interactive Workshop team members will learn how Strategic Plans and Business Goals are catalysts that identify common information assets and activities for Balanced Scorecard

- How to integrate organizational mandates and business priorities for Governance

6. STRATEGIC ASSETS AND BUSINESS ACTIVITIES – CASE STUDY

- Team members will learn how to identify reusable activities and how associated systems can be delivered rapidly

7. MANAGING AND SUSTAINING ENTERPRISE ARCHITECTURE

- Identifying Governance and Security issues
- Change Management goals

<u>Days Two and Three</u>

RAPID DELIVERY PORTFOLIO METHODS FOR ENTERPRISE ARCHITECTURE

Business and IT Methods for Transforming the Planning Deliverables from Day One, for Rapid Delivery of Priority Areas in 3-month Increments

1. ESTABLISHING ENTERPRISE ARCHITECTURE DIRECTIONS

- Strategic business transformation directions
- Management priorities, Balanced Scorecard, Governance and Security issues
- Zachman Framework concepts and rules
- Methodologies for FEAF Reference Models (plus C4ISR and DoDAF, if required)

2. RAPID DELIVERY CASE STUDY PROJECTS FOR ENTERPRISE ARCHITECTURE

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

3. ASSURING INTEGRATION: BUSINESS ARCHITECTURE-DRIVEN MODELING

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

4. MODELING FOR BUSINESS ARCHITECTURE

- In this facilitated strategic modeling session, team members will learn how to transform business plans and Balanced Scorecard measures to integrated databases and reusable processes for rapid delivery
- Identifying priority activities for rapid delivery

5. IDENTIFYING FUTURE BUSINESS NEEDS

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

6. VALIDATING ALIGNMENT GOALS AND PLANS

- Through an Interactive Workshop, team members will learn how to identify business transformation opportunities and Governance Analysis through Strategic Alignment
- Engaging Executive Management
- Aligning Models across rows and columns

7. DERIVING PORTFOLIO PLANS FOR THE 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 for rapid Balanced Scorecard and Governance Analysis implementation

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Days Four and Five

RAPID DELIVERY DESIGN AND TECHNOLOGIES FOR ENTERPRISE ARCHITECTURE

Methods and Technologies for Rapid Design and Delivery of Priority Systems, with Integrated Enterprise Architecture Implementation

1. TRANSFORMATION OF BUSINESS ARCHITECTURE TO DESIGN AND DELIVERY PERSPECTIVE

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

2. OPPORTUNITY, COST AND RETURN-ON-INVESTMENT (ROI) ANALYSIS

- Activity Based Costing methods to analyze Balanced Scorecard and Business Transformation opportunities for cost effectiveness
- Evaluating implementation alternatives

3. DEVELOPING PROCESSES, WORKFLOWS AND INTERFACE DESIGN

- Methods to implement reusable activities as reusable business processes
- Deriving Workflow Models for rapid delivery using latest technologies
- Methods for derivation of interfaces

4. BRIDGING GAP: PORTFOLIO ALIGNMENT FOR RAPID DELIVERY

- Case Study session refines strategic alignment for Governance Analysis
- Session further aligns transformed Business Models to Design Architecture across all columns of the Zachman Framework

5. VALIDATING BUSINESS ALIGNMENT AND ENTERPRISE ARCHITECTURE DELIVERABLES

- Case Study session to test all business transformation deliverables developed in earlier workshops for completeness
- Determining Enterprise Architecture deliverables for governance alignment with business priorities

6. TOOLS AND TECHNOLOGIES FOR RAPID IMPLEMENTATION

- Overview of latest rapid delivery technologies for Enterprise Architecture
- Web Services product strategies and evolution
- Using Web Services for rapid business transformation based on Service-Oriented Architecture (SOA) technologies
- Business Process Management (BPM) XML-based directly-executable languages: BPEL; BPML; and BPSS
- Considerations and product capabilities for automatic generation of BPM executable code from Workflow Models and Business Process Models

7. SUCCESSFUL ENTERPRISE ARCHITECTURE IMPLEMENTATIONS

- Policies, roles and responsibilities
- Executive and Program Office strategies
- Communications, Promotion and Enterprise Architecture access and evolution
- Sustaining executive involvement for further Balanced Scorecard and Governance Analysis opportunities