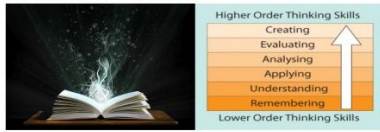




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## Rapid Enterprise Integration

With the rapid pace of change today, the need for transformation from today's inflexible business environment to an agile enterprise that can change direction rapidly has never been greater. Technologies for Technology Integration that achieve Rapid Delivery of e-Government and e-Business Strategies are needed that support rapid business change.

### Objectives

- XML and Enterprise Application Integration (EAI) Technologies and Strategies
- Enterprise and e-Government Portals for Integrated Access to Databases, Systems and other Enterprise Resources
- Web Services and Service-Oriented Architecture (SOA) Business Process Management (BPM) Concepts for Real-Time Enterprise Integration
- Evolving Enterprise Integration Strategies to Enterprise Architecture

### Audience

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

# Course Outline

*Strategies and Technologies for Enabling Enterprise Integration*

## **1. THE ROLE OF THE INTERNET IN ENTERPRISE INTEGRATION**

- B2B e-Business Integration Issues, and B2B cost effectiveness Business Drivers
- Introduction to XML and XSL for e-Business
- Demonstration of XML and XSL Transformation

## **2. ENTERPRISE APPLICATION INTEGRATION CONCEPTS**

- Growth of Trading Communities and XML Messaging Standards
- Enterprise Application Integration (EAI) Concepts
- EAI Technologies and Standards
- EAI Strategies: webMethods; Microsoft BizTalk; ebXML vendors

## **3. INTRODUCTION TO PORTAL APPROACHES FOR ENTERPRISE INTEGRATION**

- Characteristics of Collaborative, Business Intelligence and Integration Portals
- Portal capabilities that are essential for Enterprise Integration
- Portal product strategies

## **4. REAL WORLD ENTERPRISE PORTAL CASE STUDIES**

- Real World examples of Portals used for Enterprise and e-Government Integration

## **5. ENTERPRISE METADATA AND THE ROLE OF MODELING TOOLS**

- Review of Modeling Tools for Enterprise Architecture
- Code Generation concepts used by Modeling Tools
- Business Process Modeling Notation (BPMN) for Process Modeling
- Support by Modeling Tools for Code Generation and BPMN

## **6. WEB SERVICES CONCEPTS FOR REAL-TIME ENTERPRISE INTEGRATION**

- The role of Web Services in the Integrated Enterprise
- Concepts of Real-Time Web Services and Web Services Messaging

## **7. WEB SERVICES PRODUCT STRATEGIES AND EVOLUTION**

- How are Web Services evolving?
- Web Services products and strategies for .NET and J2EE
- How do Web Services enable evolution of the 21st century Enterprise

## **8. SERVICE-ORIENTED ARCHITECTURE FOR WEB SERVICES**

- Business Process Management (BPM) languages for Service Oriented Architecture (SOA)
- Automatic generation of executable code from Workflow Models or Business Process Models using XML-based BPM languages
- SOA BPM Vendors and Product Strategies
- The Role of BPMN in automatic generation of executable BPM code
- Enterprise Integration Strategies based on BPM languages

## **9. USING ENTERPRISE ARCHITECTURE TO EVOLVE TO INTEGRATED ENTERPRISES FOR THE 21ST CENTURY**

- What is missing from technologies above?
- What business imperatives must the 21st century enterprise adopt?
- How does Enterprise Architecture help Enterprise Integration?
- How do technologies work with EA for real-time Enterprise Integration?
- What are the Criteria for Success?

### **For registration**

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