

# ENTERPRISE AND E-GOVERNMENT PORTALS

## 3-Day Public or In-house Course on the latest Enterprise Portal Technologies for e-Business and e-Government

Presented by Clive Finkelstein

- Enterprise and e-Government Portals for Integrated Access to Databases, Systems and other Enterprise Resources

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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.

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### Days 1 -3 Audience

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

**DAYS 1 – 3**

# **ENTERPRISE AND e-GOVERNMENT PORTALS**

*Strategies, Methods and Technologies for Implementing Integrated Portals*

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## **1. PORTAL BUSINESS DRIVERS AND CONCEPTS**

- e-Business and e-Government Portals - The Promise of a Central Gateway to Information, Knowledge, Workflows and Processes of the Enterprise
- Architecture Approaches and Integration Implications
- Review of XML and XSL for Use in Portals

## **2. ENTERPRISE AND e-GOVERNMENT PORTAL EXAMPLES**

- Review of Enterprise Portal Categories: Collaborative, Business Intelligence and Integration Portals
- Critical Success Factors

## **3. ENTERPRISE ARCHITECTURE AND PORTAL PLANNING**

- Using Enterprise Architecture (EA) to Identify Enterprise Resources for Portals
- How to Utilize EA for Business Integration, to Provide an Enterprise-Wide Approach to Building Integrated Portals

## **4. REAL-WORLD CASE STUDIES FOR PORTAL PLANNING**

- Review of Real World Enterprise Architecture Portal Planning Projects for Government and Commercial Enterprise Portals

## **5. ENTERPRISE INTEGRATION USING PORTALS**

- Enterprise Integration Portal Framework and Levels
- User Interface Integration for Content Management, Application Integration and Collaborative Services
- Portal Case Studies and ROI
- Choosing Portal Architecture and Products

## **6. COLLABORATIVE PORTAL TECHNOLOGIES**

- Review of Features, Functions, Architecture and Components of Collaborative Portals from Various Vendors, Including IBM, Viador, Plumtree, Microsoft, Citrix, CorePort

## **7. BUSINESS INTELLIGENCE (BI) PORTAL TECHNOLOGIES**

- Review of Features, Functions, Architecture and Components of BI Portal Products from Various Vendors, Including Ascential, Brio, CA, Cognos and Hummingbird

## **8. INTEGRATION PORTAL TECHNOLOGIES**

- Review of Integration Portal Technologies, such as Hyper-Relational and Drag-and-Relate to Dynamically Integrate Unstructured Data Sources, Structured Data and the Internet
- How Integration Portals Integrate Unstructured Data Resources, Structured Data from ERPs, and Structured Data Bases of an Enterprise

## **9. CONTENT MANAGEMENT PRODUCT EXAMPLE**

- Overview of Content Management Solutions and Automated Taxonomy Vendors
- Review of Features, Functions, Architecture and Components of Content Management Products from Various Vendors, Including Convera, BroadVision, Autonomy, Semio

## **10. EVALUATION SUMMARY OF PORTAL PRODUCTS**

- Value Justification Approaches
- Evaluation Criteria Matrix: Platforms; Extensibility; Taxonomy; Categorization; Search; Personalization; Administration; and Security

## **11. EIGHT STEPS FOR PORTAL IMPLEMENTATION**

- Develop Portal Business Case, Select Team and Create Portal Project Plan
  - Understand User Functional and Content Requirements and Business Content Flow
  - Develop Portal Framework, Select, Install and Integrate Portal Products
  - Develop Portal Taxonomy and Categorization Scheme
  - Design and Customize Portal User Interface
  - Define Roles, Security and Single Sign-On
  - Develop and Implement Integration Services
  - Prototype Portal, Educate Users and Deploy in Phases
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# Clive Finkelstein

Clive Finkelstein is acknowledged worldwide as the "Father" of Information Engineering, and is Managing Director of Information Engineering Services Pty Ltd in Australia. He has over 46 years' experience in the Computer Industry. He has published many books and papers, and contributed Chapters and Forewords to books published by McGraw-Hill and Springer-Verlag. Clive has authored the following books:

- *"Information Engineering"*, James Martin and Clive Finkelstein, Savant Institute, Carnforth: Lancs UK (1981). This was the book that started the Information Engineering Revolution in the 1980's.
- *"An Introduction to Information Engineering"*, Clive Finkelstein, Addison-Wesley, Sydney: Australia (1989). This book covers the history and evolution of Information Engineering.
- *"Information Engineering: Strategic Systems Development"*, Clive Finkelstein, Addison-Wesley, Sydney: Australia (1992). This is the "how-to" book on using Information Engineering.
- *"Building Corporate Portals with XML"*, Clive Finkelstein and Peter Aiken, McGraw-Hill New York: NY (2000). This book covers methodologies and technologies for Enterprise Portals.
- *"Enterprise Architecture for Integration: Methods and Technologies"*, Clive Finkelstein, Artech House, Norwood, MA (2006)5. This brings together the methods and technologies for rapid delivery of integration areas for the 21<sup>st</sup> Century enterprise. This course covers much of the material from this book.

Clive Finkelstein is an internationally renowned consultant and instructor, and has completed projects for Defense, Government and Commercial organizations throughout the world and in most industries. The emphasis of these projects has been to bridge from strategic business plans to information systems, so aligning systems closely with corporate goals. Many projects have involved the *Zachman Framework for Enterprise Architecture*, using the latest methods and technologies for rapid delivery of priority areas into implementation. These methods use Enterprise Engineering for rapid definition of Enterprise Architecture. His technology focus addresses Enterprise Integration technologies using XML, Enterprise Application Integration (EAI), Enterprise Portals, Web Services and Service-Oriented Architecture (SOA) for Business Process Management (BPM) using XML-based BPM languages.

His application of these methods in large and medium Government, Defense and Commercial enterprises results in *Business Transformation Enablement*, so that business and IT managers and their staffs can plan for and achieve rapid business change. Enterprise Architecture provides a Governance Analysis Framework that supports Sarbanes-Oxley and other Governance Audit requirements. It provides direct support and linkage to Balanced Scorecard for Strategy-Focused Organizations, to ensure that IT systems and databases support defined scorecard strategies and governance requirements.

He provides training and consulting in all aspects of the Zachman Framework for Enterprise Architecture, with rapid delivery of priority areas using Enterprise Engineering. During implementation he also moves organizations to rapid implementation using XML, Enterprise Portals, Web Services and BPM. These provide a central gateway to the information and knowledge resources of an enterprise on its Intranet and via the Internet. Enterprise Architecture, Enterprise Portals, Web Services, SOA and BPM will be key development methods and delivery technologies for most enterprises in the 21<sup>st</sup> century.

Clive writes a monthly online column titled: *"Web Services for the Dynamic Enterprise"* for the B-Eye Network Online magazine in the USA. He also publishes a free, quarterly technology newsletter via email: *"The Enterprise Newsletter (TEN)"*. Past issues of TEN are available from: <http://www.ies.aust.com/>. Click on the *Papers* link. His books, papers and projects are summarized at <http://www.ies.aust.com/~ieinfo/cbfindex.htm>. He can be contacted at <[cfink@ies.aust.com](mailto:cfink@ies.aust.com)>. Many in-house skills-transfer courses and webcast seminars presented by Clive Finkelstein are at <http://shop.ies.aust.com/>



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