Setting up an Enterprise Architecture Practice
A CGI experience
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Agenda

- Definition of EA
- Client Base
- Core Competencies
- Training
- Focus
- Tools
- Chunking
- Conclusions
Define EA

- Many definitions
- Enterprise Application Integration (EAI) ?
- Framework
- Deliverables
- Methodology
- Metrics
Client Base

- **Private Sector**
  - Publicly Owned
  - Quarterly Focus
  - Clear quantitative ROI
  - Planning Culture
  - Legislation

- **Public Sector**
  - State of Government
  - Architecture consciousness
  - Legislation
  - Funding Formula
  - Contracting
Core Competencies

- **Business**
  - Need to engage executive management
  - Understanding
  - Experience
  - Facilitation & Negotiation
  - Project Management

- **Technical**
  - Conceptual Thinkers
  - Abstraction
  - Formal Broad Knowledge
  - Specific expertise
Training

- EA is all-encompassing
- Multi-disciplinary
- Soft skills
- Formal
- Certification
Focus

- Corporate Business Model
- EA Model
- Business Architecture
  - Management Consulting
  - Has to be done
- Implementation Architectures
  - Select Dimension
  - Achieve
  - Proceed to next
- Build References
Tools

- Consistency
- Speed
- Ease of Use
- Solvency
- Openness
- Abstraction
Chunking

- Rome not built overnight
- Discrete deliverables
- Study and Listen
- Customize
- Blocks
Conclusions

- Difficult Practice
  - Major Impact
- Multi-Disciplinary
- Incremental Delivery
- Teamwork
  - Horizontal practice
- Many Years
  - Competence
  - Credibility
QUESTIONS?

Thank-you

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A New Way of Looking at EA - Logical

- Business Architecture
- Enterprise Implementation Architectures
- Financial Management
- Supply Chain
- Human Resource Management
- Public/Corporate Policy and Management
- Information Technology

And so on …
IT Governance Processes

How

Set Objectives
- IT aligned with business
- IT enables business & maximizes benefits
- IT used responsibly
- IT-related risks managed

Provide Direction
- IT Part of corporate guidance
  - Best Practices
  - Value
  - Alignment
  - Manage Resources
  - Manage Risk
  - Manage Performance

IT Activities
- Increase automation
- Decrease Cost
- Manage Risks

Compare

Measure Performance
- Key Goal and Performance Indicators (CoBIT) and PRM
- Customer Orientation, Operational Excellence, Future Orientation and Corporate Contribution (BSC)
IT Governance Who and When

**Who**
- Board – Board of Directors and IT Strategy Committee
- Executive Management – Commissioners, D/Com, and CIO (Portfolio Management)
- Committees – IT Steering Committee, Tech Council, IT Arch Review Board

**When**
- Implement an IT Governance Implementation Plan Now
- Implement IT Governance iteratively and move up the maturity ladder

<table>
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<th>Defined</th>
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IT Governance - Concluding Comments

- Manage IT like any other corporate asset
- IT becoming key corporate value delivery enabler
- Need to involve non-IT personnel
- Existing body of governance knowledge
  - E.g. Information Technology Governance Institute, OECD
- Enterprise Architecture for
  - strategic alignment,
  - efficient resource management and
  - capability delivery
    - E.g. Federal Enterprise Architecture Framework
    - E.g. DoD Architecture Framework