Integrating Enterprise Architecture

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Enterprise Architecture

“The process of translating business vision and strategy into effective enterprise change by creating, communicating, and improving the key principles and models that describe the enterprise’s future state and enable its evolution.” (Gartner Group)

“A coherent whole of principles, methods, and models that are used in the design and realization of an enterprise’s organizational structure, business processes, information systems, and infrastructure” (The ArchiMate Foundation)

“The fundamental organization of a system, embodied in its components, their relationships to each other and the environment, and the principles governing its design and evolution.” (ANSI/IEEE)
Organization

» $17B revenue / 26,000 employees
» 3,000 IT personnel / 100 Architects
» 25 Architecture domains
» 5 Architecture Boards
» 800 applications
» 400 architecturally significant projects
Challenges
Architecture Definition

- Target Architecture Definition
  - Based on TOGAF
  - Standard Artifacts
  - Valuation of Alternatives

- Formal Approval of Target
  - Architecture
  - Business

- Work Prioritization
  - Portfolio Management

- Architecture Implementation
  - SDLC
EA Repository

- Gateway
- Catalogs
- Detailed ArchiMate
- BPMN
- ERD
Meta-Model

- Business Process
- Business Role
- Application Component
- Node
- System Software
- Device
- Artifact
- Different Domain/Cloud/Location
- Assignment
- Association
- Flow
- Used By
- Aggregation
- Composition
- Specialized By
- Composite By

Stakeholders

- Business Catalog
- Application Catalog
- Technology Catalog
- Data Stewardship
Keeping It Fresh

» Centralized responsibility for data quality and publishing

» Ownership of information stays with the knowledge

» Shared responsibility for currency
Lessons Learned

» Know why you want Enterprise Architecture
» Be mindful about how much you can manage
» Build on existing foundation if possible
» Establish taxonomy first
» Establish information ownership and governance
» It is about information, not about the tool
» It is about people
Thank You

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