

Applying TOGAF

To Create

Reference Enterprise Architecture

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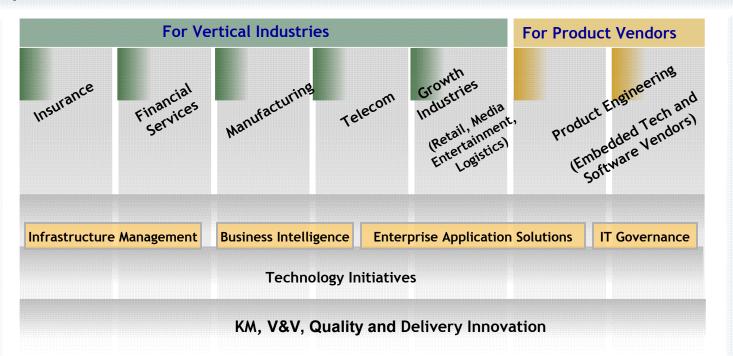
Agenda

- About Patni
- Motivation
- Elements of Patni SOEA Reference Architecture
- Next Steps



About Patni

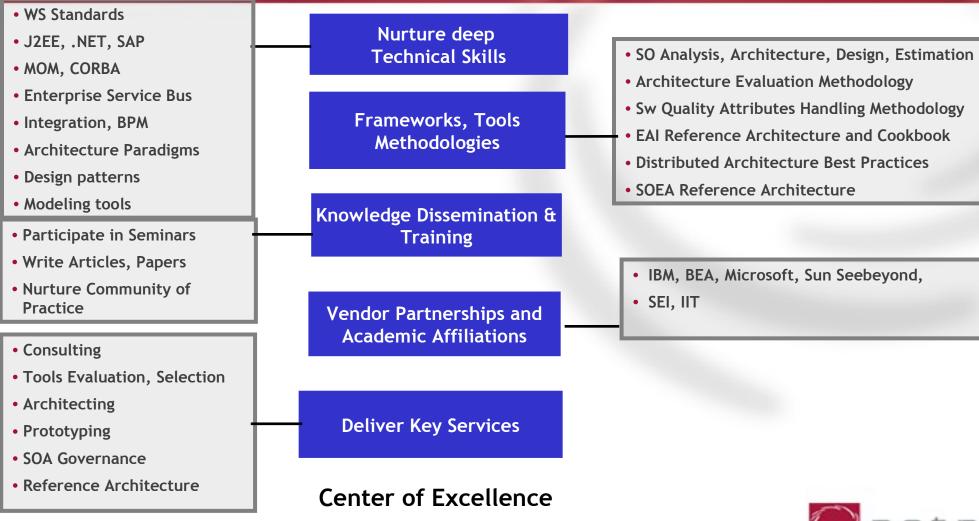
Global provider of IT services



Horizontal Practices, CoEs, Innovation Arm



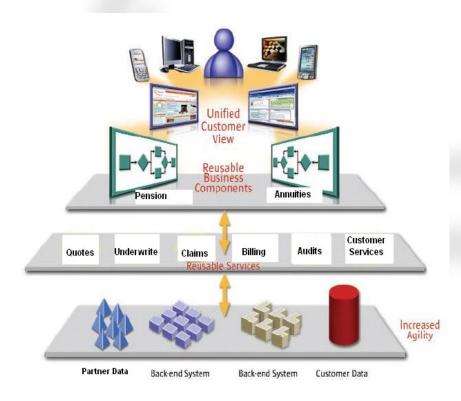
Patni's Architecture Center of Excellence





Motivation

- Increasing interest for EA within customers
- Drivers
 - Business Agility
 - Business Model Innovation
 - Operational Efficiency
 - Single Customer View
 - Manageability, Accountability
 - Interoperability
 - Maintainability
 - Cost Reduction
 - Standardization





Observations

- SOA is the recent choice for EA
- Customers initiate EA programs... but,
 - "Now how do we proceed?"
 - "How do we set up governance model?"
 - "Which technologies suit our need best?"
- Customers looking for collaborative architecture development



Elements of Patni SOEA Reference Architecture

Service Oriented Enterprise Architecture Development Method

Analysis Business Process Architecture Services, Composite Services, Composite Applications Architecture Metadata, Data Services Architecture SOA Technology Architecture

Reference SOEA Governance Model

Continuum and Resource Base

- Templates, Checklists
- Products & Tools Evaluation Criteria
- Architecture Review Method
- Vendor Evaluation Criteria
- Evaluation, Comparison Documents
- Standards (W3C, OASIS, IEEE, Vertical Industry Standards)
- · Patterns, Libraries, Frameworks
- Integration Cookbook
- Reference Models
- Open Source Software Stacks
- Working Prototypes
- Guidelines for System Quality Attributes Handling
- Process for Reuse
- Aids for Estimation and Testing of SOA Projects
- Application Portfolio Rationalization Methodology



Reference SOEA Governance Model: Process

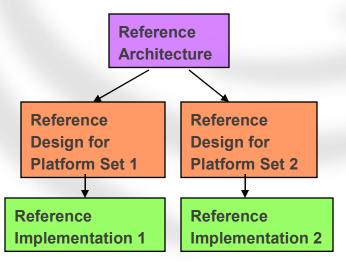
- Form cross-organization SOA governance board
- Identify service owners, decide Services funding model
- Define SOA principles, guidelines, best practices, standards, policies
- Define governance processes for
 - > Service identification, management, audit
 - For improving organization's SOA maturity level
 - For ensuring consistent implementation of SOA
 - For acceptance and approval of architecture
 - For resolving conflicts, handling escalations
 - For access control to SOA artifacts
 - For policy management and compliance assessment
- Define metrics



Next Steps

- Combine Zachman Framework
- Bridge the disconnect between Enterprise
 Architects and implementation project teams
 - Progression towards reference implementations
 - Make ADM an integral part of SDLC processes
- Tool based EA

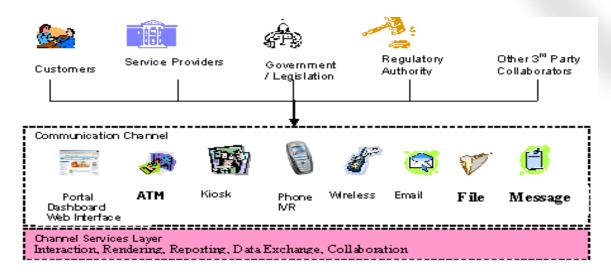
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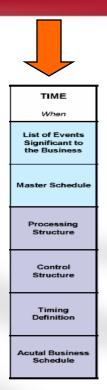




The Architecture Layers / Views Gaining Focus

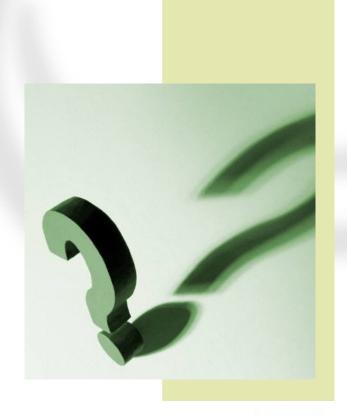
- Time
- Integration
- Security
- Rules
- Interaction







Questions?





Thank You

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