Delivering Enterprise Agility

Sparx Services North America

www.sparxsystems.us
About Sparx Services North America

“Align information technology and systems engineering capabilities with business strategy using industry best practices and industry leading tooling to deliver world-class results.”

- Industry thought leader in enterprise architecture, business architecture, systems and software engineering, business analysis, and agile methods
- Member and contributor to
  - UML®, SysML®, SPEM, UPDM™/UAF, BACM at OMG®
  - TOGAF®, ArchiMate®, IT4IT™ at The Open Group®
  - UML Profile and Metamodel teams at Business Architecture Guild®
  - Frameworx, ODA, and Open APIs at TM Forum
- Open Group Accredited Training Provider, Guild Accredited Training Partner™, IIBA® Endorsed Education Provider (EEP™)
What is Business Agility?

• “...the ability of an organization to sense environmental change and to respond efficiently and effectively to that change.”
  - Gartner

• Effectively achieving agility requires the business to understand...
  • What motivates the business?
  • How does the business behave?
  • How does the business fit together?
  • How does technology support the business?
Understand What Motivates the Business

- What is the mission and vision?
- What are the current business goals and objectives?
- Are objectives quantified and measurable?
- What external and internal factors are driving the business?
- What constraints govern motivation?
- What policies influence culture?
- Are these motivation factors prioritized and co-related?
- Have they been described in a coherent strategic plan?
Understand How the Business Behaves

- Who are your customers, suppliers, and partners?
- What are your externally facing value streams?
- What external events must your business respond to?
- How do people and systems internally collaborate to fulfill external requests?
- What security and regulatory policies govern behavior?
Understand How the Business Fits Together

- What are your internal capabilities?
- How does one capability integrate with another? Where are the handoffs and touch points?
- What data is shared between capabilities?
- How is the business organized?
- Who “owns” particular business processes?
- Who “stewards” common data?
Understand How Technology Supports the Business

- How much money is invested in technology?
- What is the impact of a change to a business process to existing applications?
- Are there business processes that are supported by multiple (possibly redundant) applications?
- What data is shared between applications and business processes?
- What is the impact of an application outage on other applications and business processes?
- Are business critical functions supported by highly-available applications and servers?
- What applications run on which technical platforms?
- What is the impact of a change in security requirements (i.e. new regulation or statute) on existing systems and networks?
Business Architecture Driven Strategy

- **Analyze** competitive landscape and current state capabilities
- **Define** strategy and key initiatives
- **Assess** viability and impact

- **Plan** initiative delivery
- **Implement and operate** solutions
- **Monitor** outcomes and establish strategy feedback loop
Evolution of Business Outcomes

- Areas of emphasis of capabilities tend to evolve over time
- Need to establish sound foundation at lower level before moving on to the next level

Application Rationalization
- Remove redundant and over-lapping software applications

Technology Consolidation
- Reduce over-proliferation of divergent and conflicting technologies

Business Optimization
- Improve efficiency of business operating model

Digital Transformation
- Deliver enterprise agility with seamless integration of business and IT
Exploit Federated Repositories

Other Modeling Tools and Repositories

CMDB
- Applications
- Servers
- Networks

Files
- Excel
- CSV

Databases
- SQL Server
- Oracle

Server-Based Plug-Ins

Agile
- Sprints
- User Stories

PPM
- Programs
- Projects

IT Finance
- Application
- Infrastructure
- Projects

HR
- Org Structure
- People

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Complete Lifecycle Solution

- Value Streams
- Organizations
- Capabilities
- Information

Operating Model

- End-to-end perspective
  - Strategy-to-Solution
- Integrated knowledgebase
  - All stakeholders informed
- Sustain agility
  - Instantaneous impact analysis

IT Architecture

Archimate®

Architecture & Business Analysis

API Management

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Product Demonstration

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Q&A

Thanks for your attention and participation!

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