

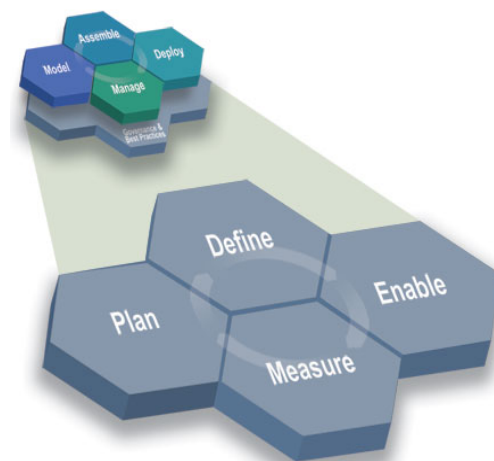


Advancing SOA Governance

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SOA on your terms and our expertise



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What the Analysts Are Saying

“Half of all companies and 77% of large enterprises reported that they are or will be using SOA by the end of 2005. Why? Evidence is mounting that SOA provides real benefits for business integration and flexibility.”

Real-World SOA: SOA Platform Case Studies, Forrester Research, Inc., September 2005

CIOs continue to struggle to align business and IT in meaningful, measurable ways. More effective IT governance processes and tools are becoming top priorities among business-savvy CIOs.

Five Ways the Rise of IT Governance Will Change How Enterprises Buy IT, Summit Strategies, December 2005

In 2006, lack of working governance mechanisms in midsize-to-large (greater than 50 services) post-pilot SOA projects will be the most common reason for project failure (0.8 probability).

Management Update: Predicts 2006: The Strategic Impact of SOA Broadens, Gartner, Inc., Jess Thompson, Yefim V. Natis, Massimo Pezzini, Paolo Malinverno, November 23, 2005

With the widespread adoption of SOA, the challenges associated with SOA projects are emerging. SOA governance isn't optional — it's imperative. Without it, return on investment will be low and every SOA project out of pilot phase will be at risk.

Service-Oriented Architecture Craves Governance, Gartner, Inc., Paolo Malinverno, January 20, 2006

What is Governance?

Establishing chains of responsibility, authority and communication to **empower** people (decision rights)

Establishing measurement, policy and control mechanisms to **enable** people to carry out their roles and responsibilities

What is Management?

Governance determines **who is responsible** for making the decisions; Management is the process of **making and implementing** the decisions



What is IT Governance?

Establishing decision making rights associated with IT

Establishing mechanisms and policies used to measure and control the way IT decisions are made and carried out

What is SOA Governance?

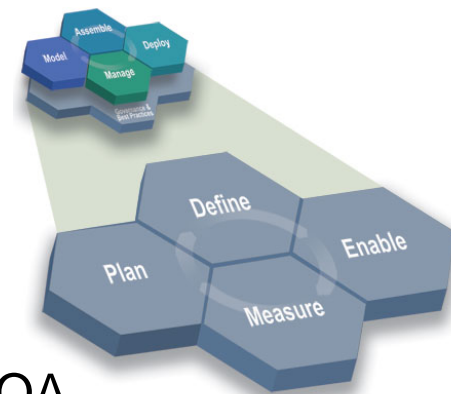
Extension of IT governance focused on the **lifecycle of services** to ensure the business value of SOA



SOA Governance is a catalyst for improving overall IT governance

General Assertions

- **Governance is not Management**
 - Separate but related disciplines
 - Both need to be done well to maximize the benefits of SOA
 - Good SOA Governance increases SOA success by accelerating the alignment between Business needs and IT
- **SOA Governance is not completely brand new**
 - It is a specialized form of IT Governance
 - Governance *of* Service-Orientation & Governance *using* Service-Orientation
- **No silver bullet**
 - No one size fits all solution exists



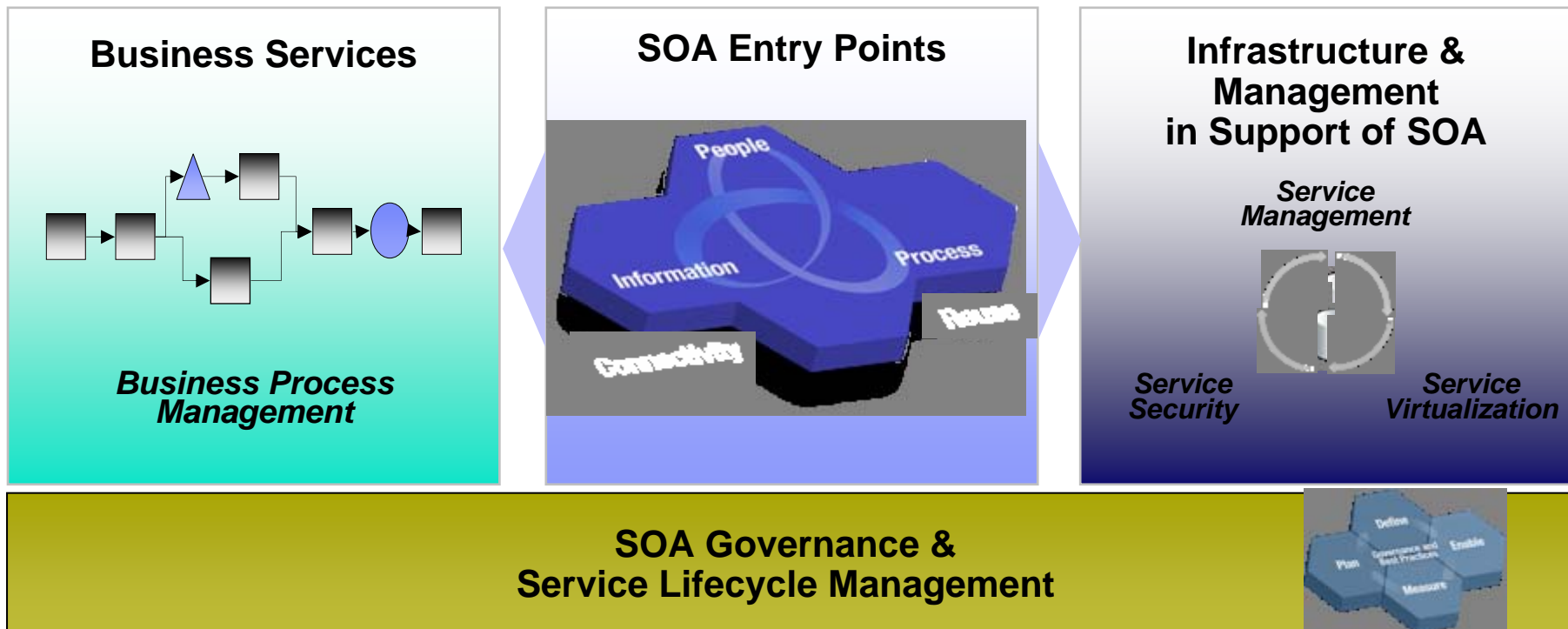
Why SOA Governance matters

- Realize business benefits of SOA
 - Business process flexibility
 - Improved time to market
- Mitigate business risk and regain control
 - Maintaining quality of service
 - Ensuring consistency of service
- Improved team effectiveness
 - Measuring the right things
 - Communicating clearly between business and IT

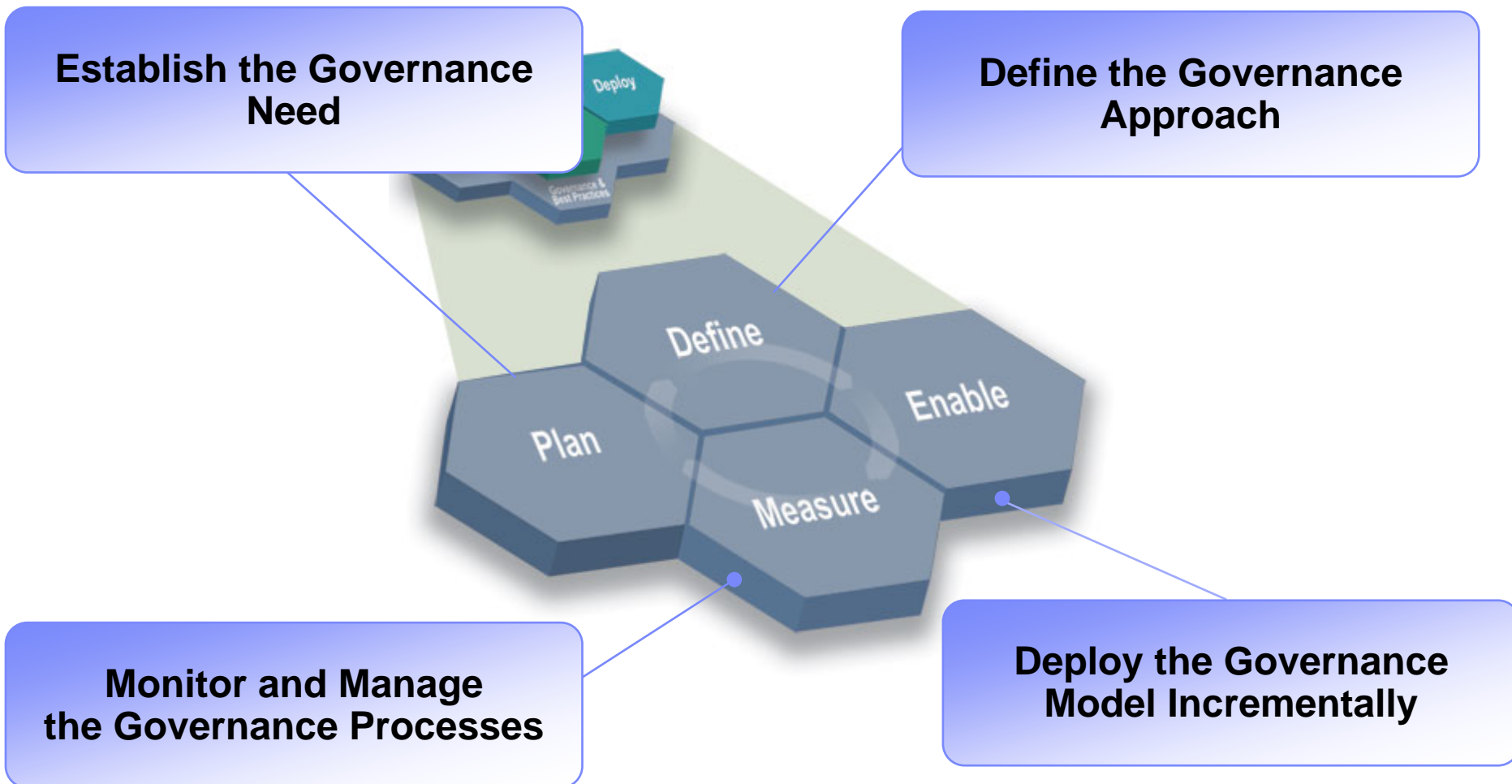


***SOA Governance
empowers teams
to innovate***

SOA Governance and Service Lifecycle Management



SOA Governance Lifecycle



SOA Governance Lifecycle

Scope the Governance Need

- Document and validate business strategy for SOA and IT
- Assess current IT and SOA capabilities
- Define/Refine SOA vision and strategy
- Review current Governance capabilities and arrangements
- Layout governance plan

Design the Governance Approach

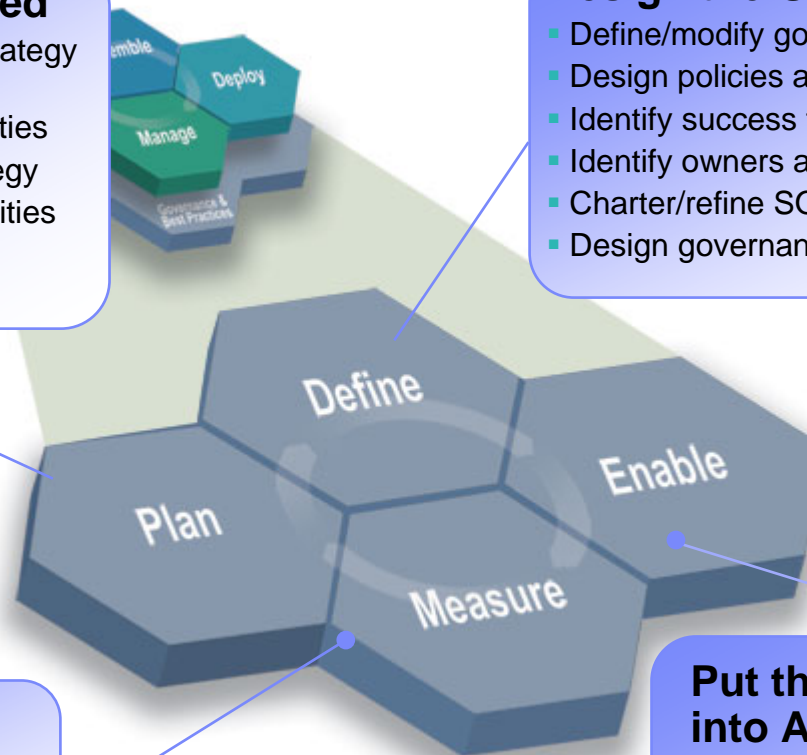
- Define/modify governance processes
- Design policies and enforcement mechanisms
- Identify success factors, metrics
- Identify owners and funding model
- Charter/refine SOA Center of Excellence
- Design governance IT infrastructure

Manage & Monitor the Governance Processes

- Monitor compliance with policies
- Monitor compliance with governance arrangements
- Monitor IT effectiveness metrics

Put the Governance Model into Action

- Deploy governance mechanisms
- Deploy governance IT infrastructure
- Educate and deploy on expected behaviors and practices
- Deploy policies

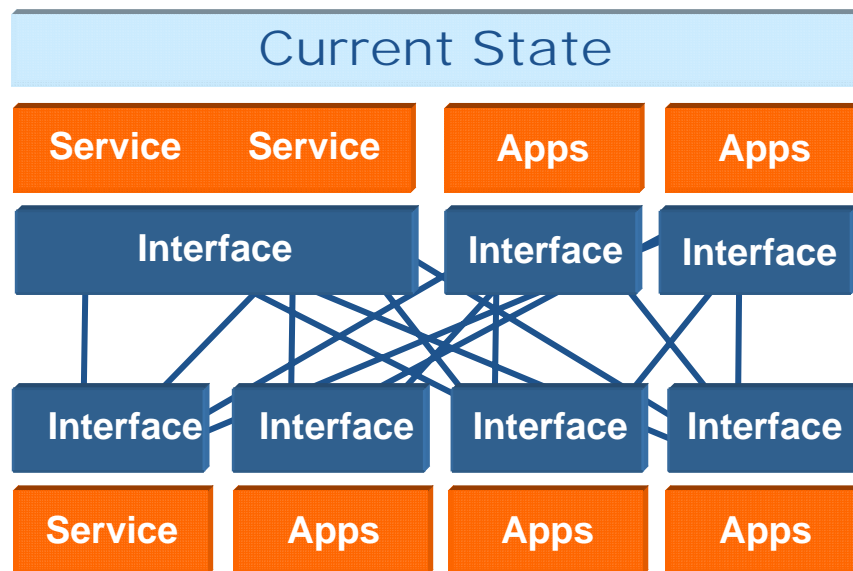


Case Study

Enabling Business Agility Through SOA Governance

Challenges

- Complex environment
- Disparate sets of applications and data
- High costs for new project delivery and Legacy Transformation
- Legacy Systems leading to low level of flexibility and agility
- The past organized the business and applications to think & act 'siloed'



Case Study

Entry Points into SOA - Governed Services on the ESB

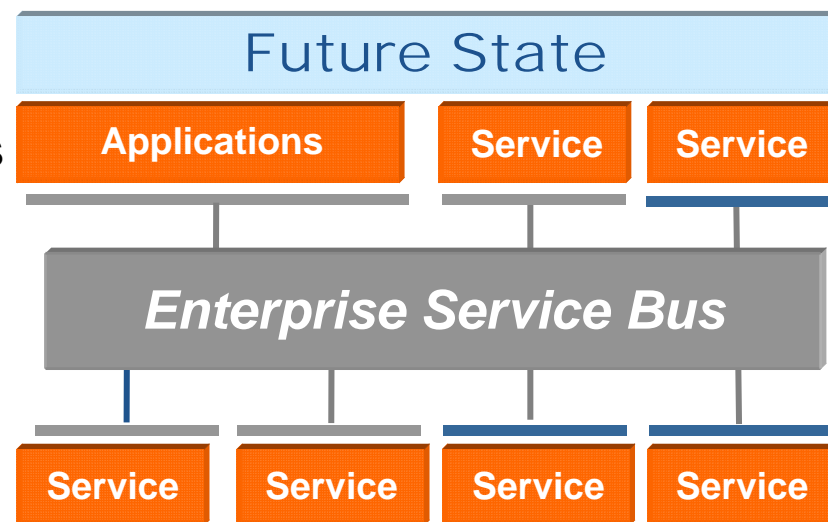
Business says:

- “We need to increase customer satisfaction and decrease operation cycle time.”
- “We need flexible systems to meet changing business needs quickly.”

Case Study

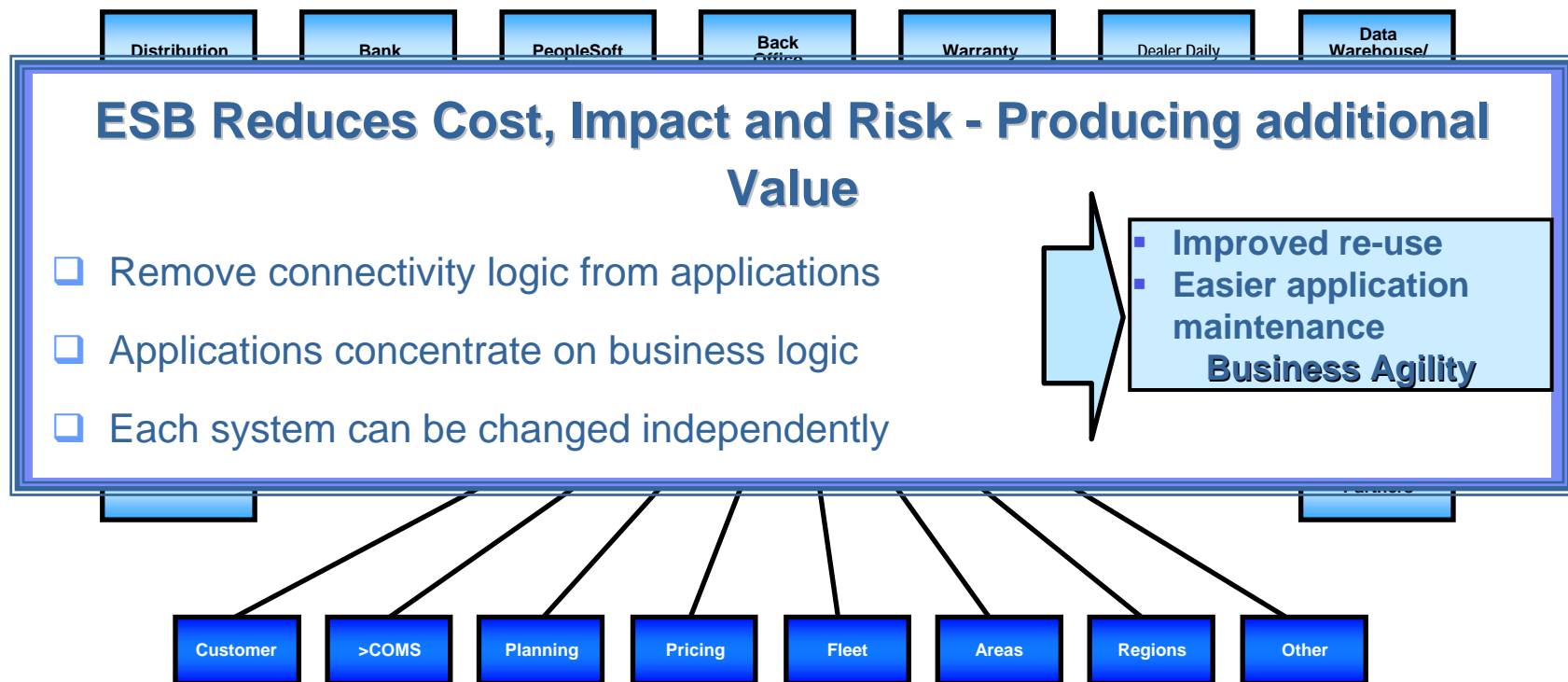
Results So Far

- Improving customer satisfaction (sales and delivery to support cycle)
 - reducing customer data duplication and providing near real time access to vehicle information
- Increasing agility through a governance focus
 - driving shared infrastructure and services across the organization
 - ease of partner integration (e.g. Dealer access to vehicle or customer information)



Case Study

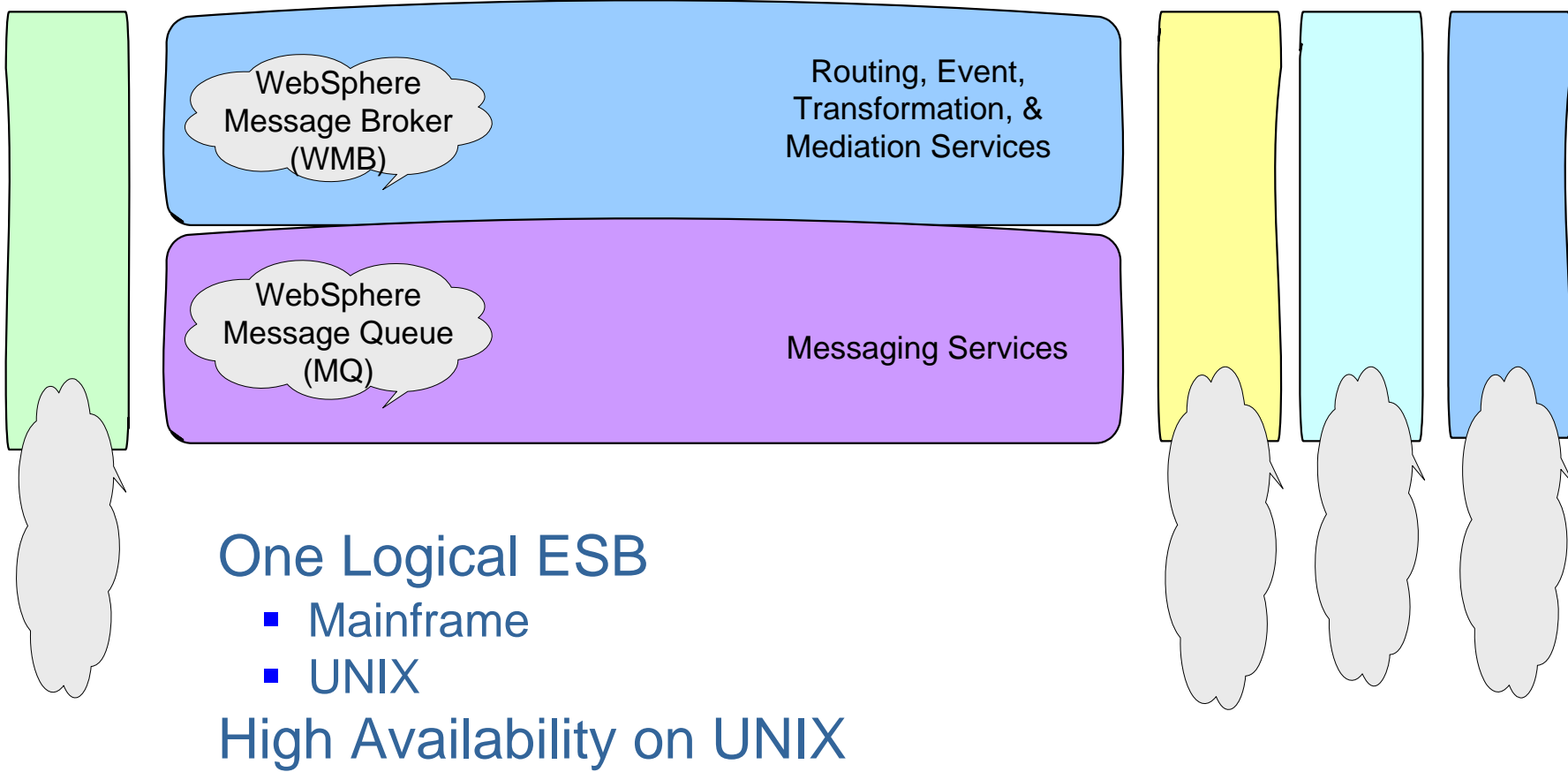
Implementing ESB Technology to Drive Business Value



Case Study

ESB Architectural View

TMS ESB Stack



Center of Excellence Organization Model

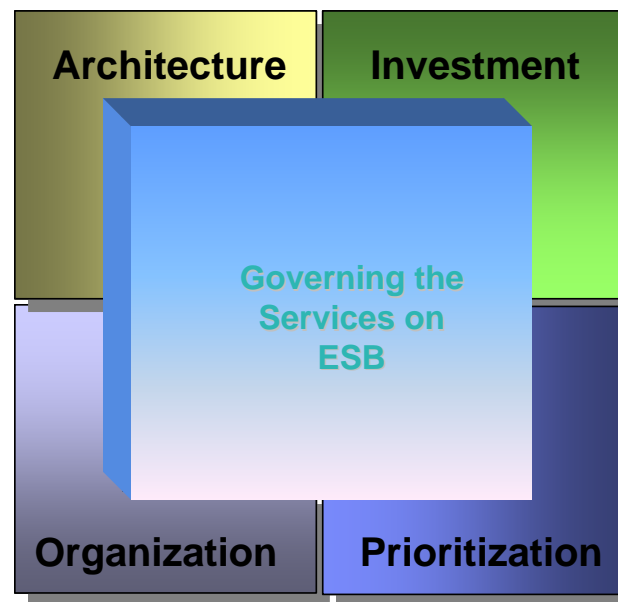
Proven Model for Governance and Management

Established an SOA Center of Excellence (ICE) to foster Governance around the ESB and any Services deployed in it's infrastructure. Emphasis is placed on organizational change management to adopt this new rigor and "Enterprise Thinking".

▪ Expected Results

- Decreased maintenance expense: smaller application and data portfolio
- Quicker response to changing requirements: flexible connectivity and reusable services
- Smoother growth: scaleable, reliable infrastructure

Components of the Governance Model



SOA Governance Pre-Requisites

- Engagement and Active Participation from Business Stakeholders
- Alignment of the SOA Value Proposition with Business Goals and Objectives
- Commitment to and Realization that Governance is Essential to Realizing the SOA's Value
- Defined, Communicated and Accepted SOA Vision
- Existing IT Governance and Decision Making Framework (Highly Desirable)
- Support and Commitment from Executive Management

