Agenda
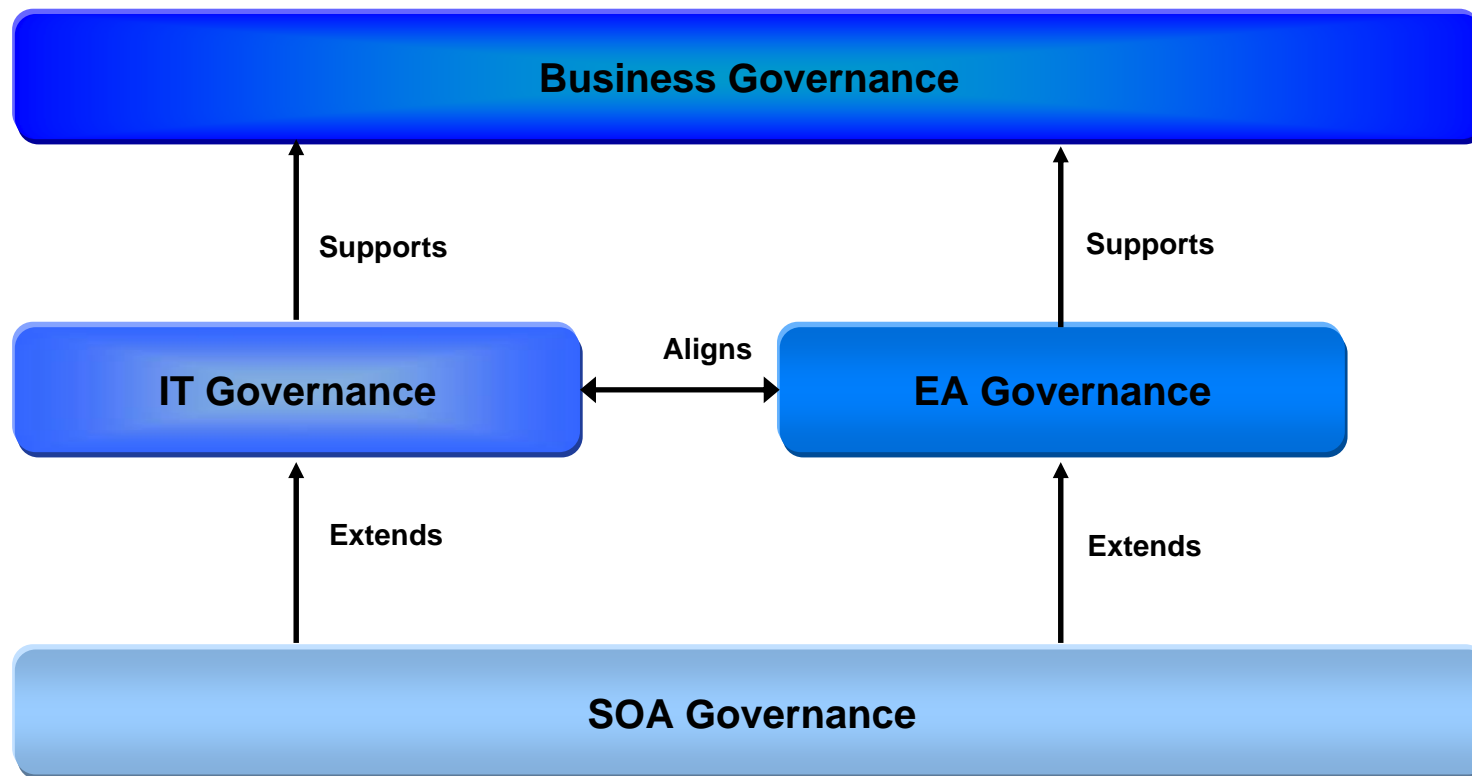
- SOA Governance

- SOA Governance Technical Standard Value

- SOA Governance Framework

  - SOA Governance Reference Model

  - SOA Governance Vitality Method

- Summary

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SOA Governance

- Governance is a *means for establishing and enforcing how people and solutions work together to achieve organizational objectives*

- SOA Governance provides the framework for planning, developing, deploying and managing the SOA environment

- Extends IT and EA governance to ensure that the benefits that SOA extols are met

Relationships with Other Governance

Business Governance

IT Governance ← Aligns → **EA Governance**

Supports (left)   Supports (right)

Extends (left)   Extends (right)

SOA Governance

The Value of Taking a Standardized Approach to SOA Governance

- ❑ Best practices from multiple vendors
- ❑ Reduces risk
  - ▪ Knowledge more mature/validated
  - ▪ More options
- ❑ Common foundation of understanding
  - ▪ Common structure for approaching governance
  - ▪ No mapping terminology
- ❑ Enables automation of governance processes
- ❑ Vendor-neutral

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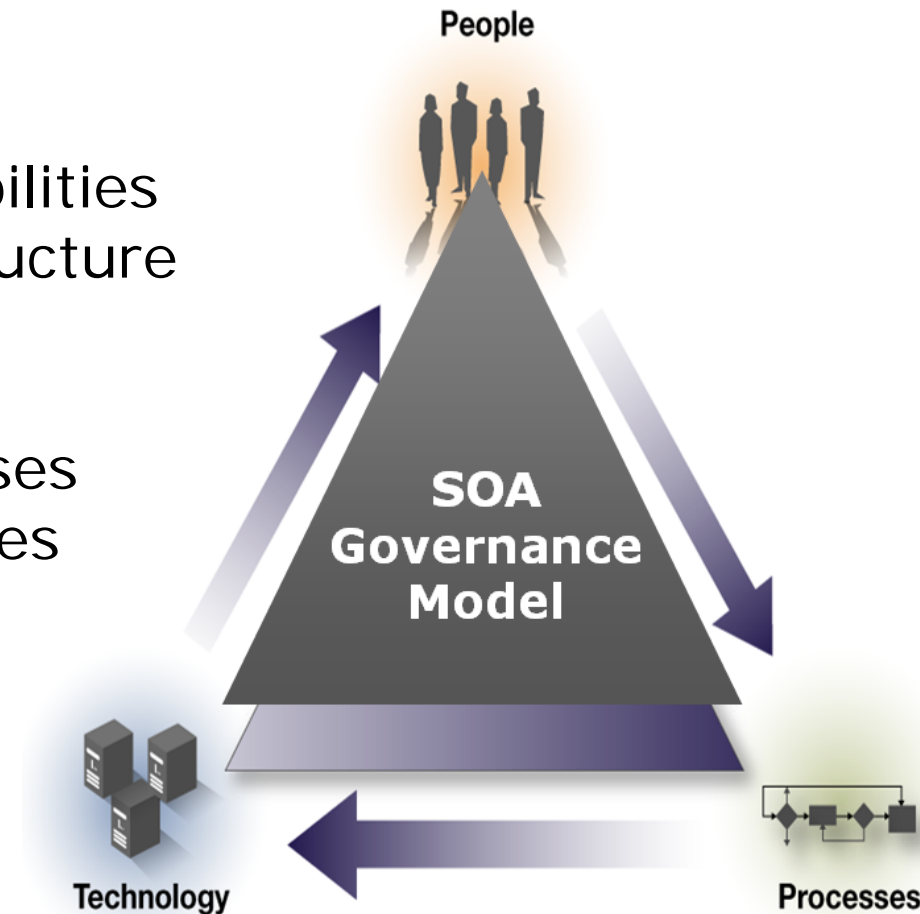
SOA Governance Scope

□ *People*
- Roles & Responsibilities
- Organizational structure
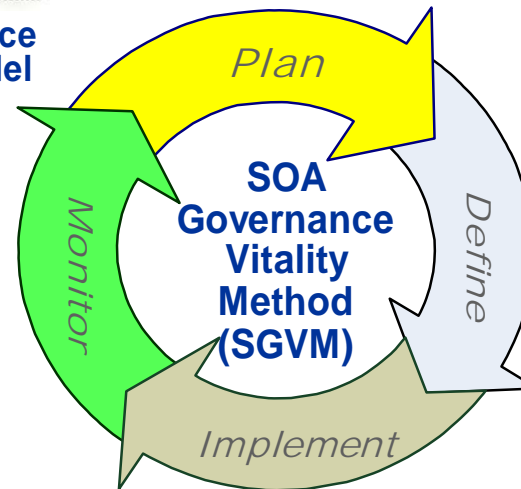
□ *Processes*
- Governing processes
- Governed processes

□ *Technology*
- Infrastructure
- Tools

People

SOA Governance Model

Technology

Processes

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The SOA Governance Framework

- Adaptable and extensible generic reference model for SOA Governance

- Method to create and keep Governance regimen vital

- Division between SOA Governance and SOA Management

SOA Governance Reference Model (SGRM)

Plan

Monitor

SOA Governance Vitality Method (SGVM)

Define

Implement

Customized & Focused SOA Governance Regimen

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SOA Governance Reference Model

- ❑ Guiding Principles
- ❑ Roles and Responsibilities
- ❑ SOA Processes
  - ▪ Governing
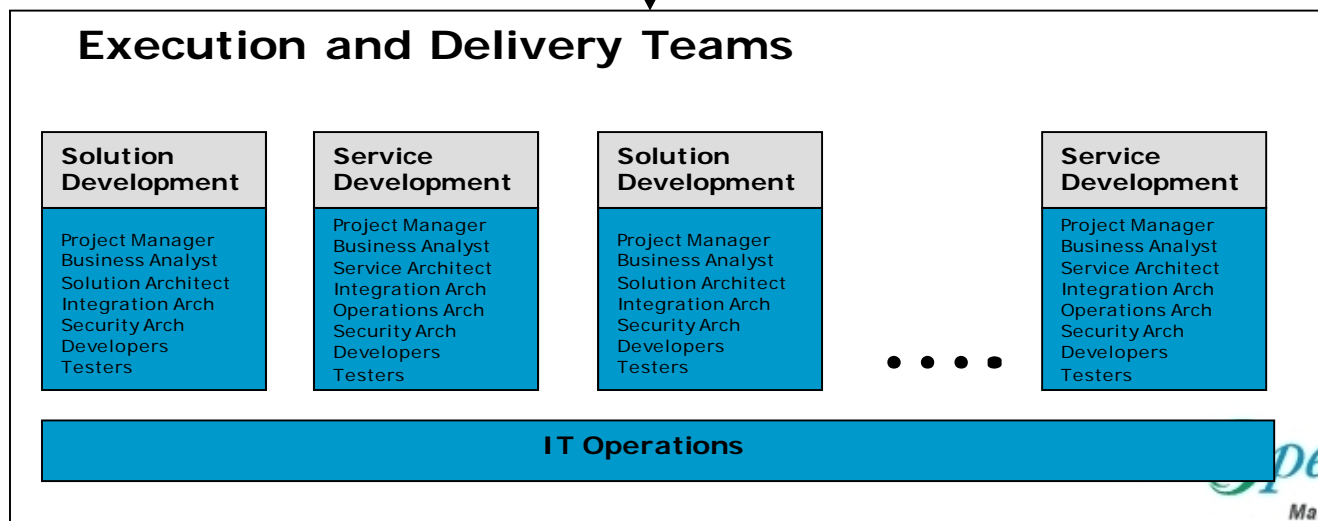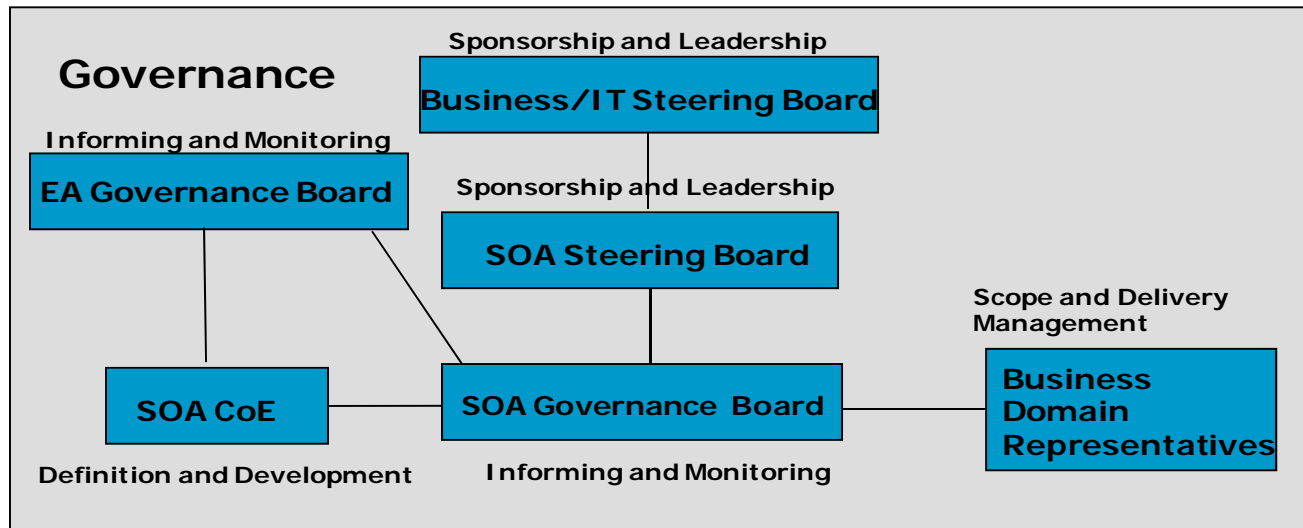 - ▪ Governed
  - ▪ Process artifacts
- ❑ Technology
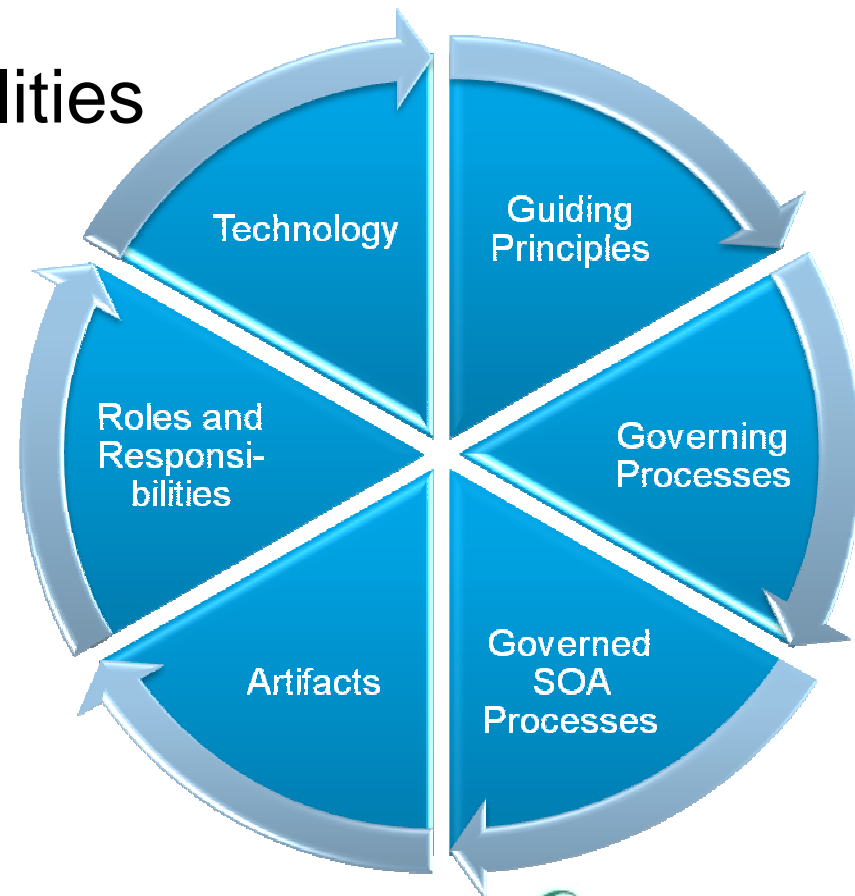
Sample SOA Governance Guiding Principles

- Conformance to the organization's:
  - Business governance
  - Enterprise architecture
- Adherence to the SOA Reference Architecture
- Provider & consumer contracts
- Tailored SOA Governance processes
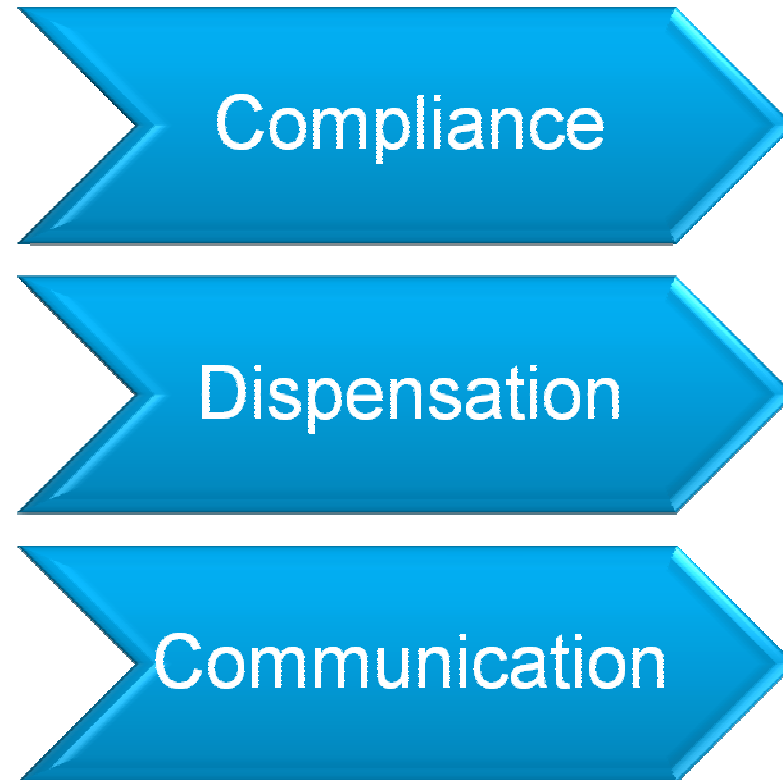- Governance funding model

Guiding principles are adapted to the organization and assist in prioritization and decision making for SOA and SOA Governance

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SOA Governance Roles and Responsibilities

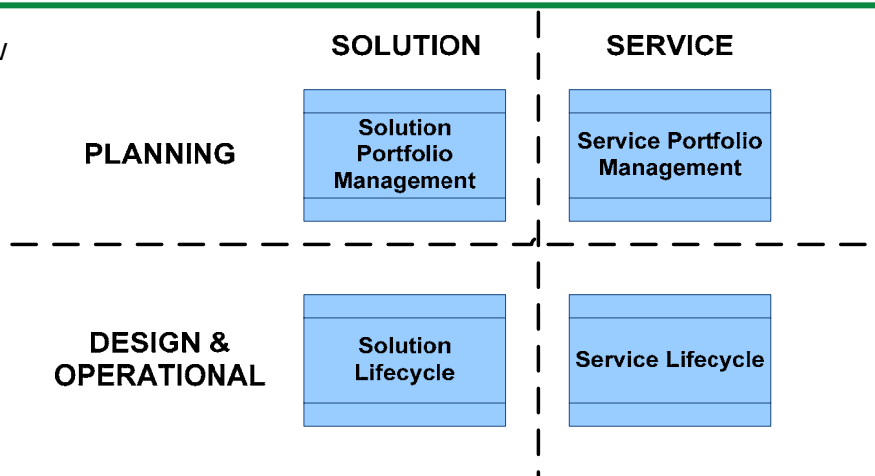# SOA Governing Processes

- **Compliance** - provides the mechanism for review and approval/rejects against the criteria established

- **Dispensation** - allows for appeals of noncompliance to established processes

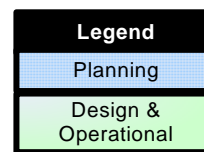- **Communication** - educates, supports and communicates SOA governance across the organization

Compliance

Dispensation

Communication

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SOA Governed Processes

Functional View

	SOLUTION	SERVICE
PLANNING	Solution Portfolio Management	Service Portfolio Management
DESIGN & OPERATIONAL	Solution Lifecycle	Service Lifecycle

Detailed View

Provides Services To

Defines Services for

Service Portfolio Management

Complies

Solution Portfolio Management

Prioritizes SOA Solutions For

Manages SOA Solutions Of

Solution Lifecycle

Prioritizes Services For

Manages Services Of

Service Lifecycle

Consumes Services From

Legend
Planning
Design & Operational

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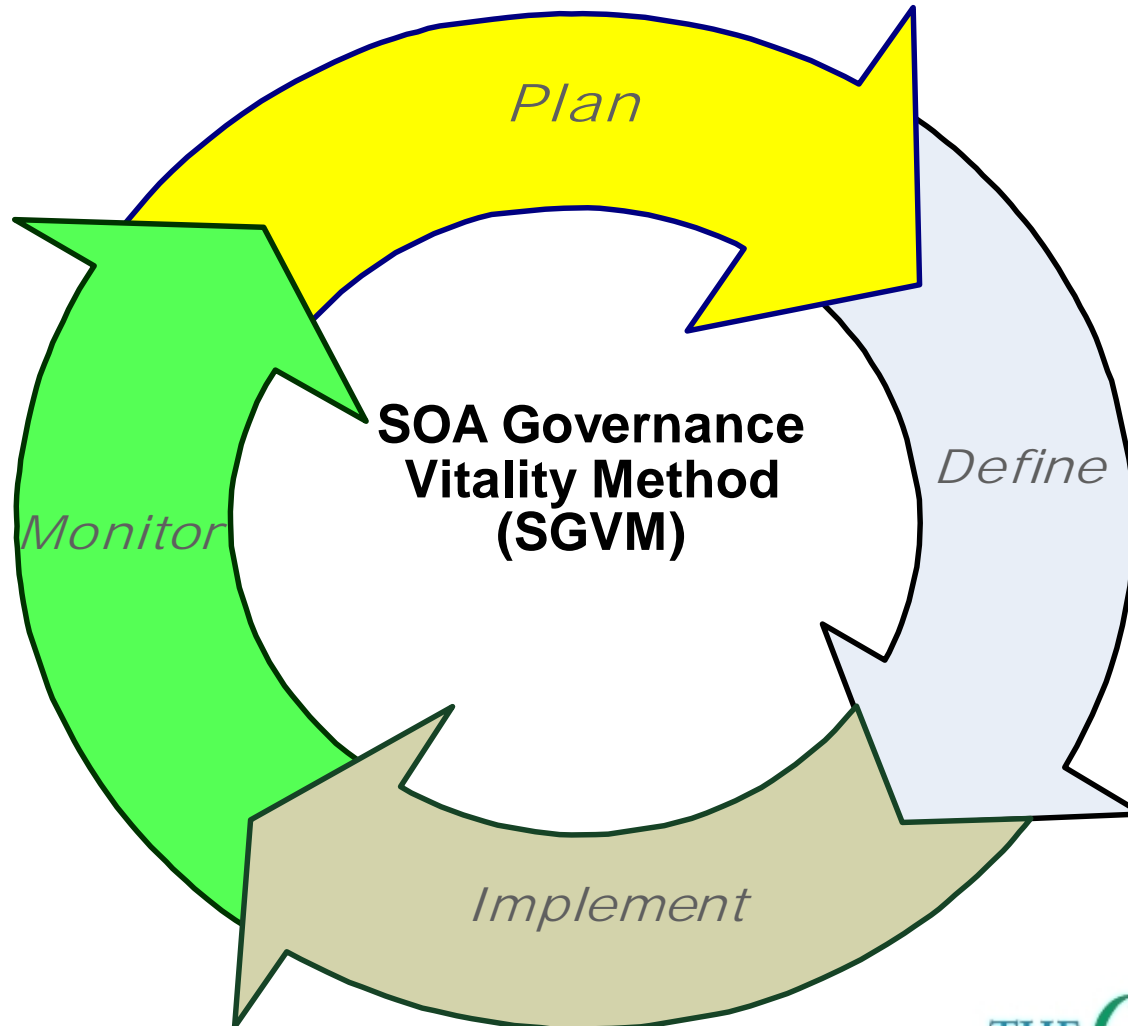*Making standards work*®

SOA Governance Technology

- ❑ Store and access capability
- ❑ Policy enforcement capability
- ❑ Monitoring capability
- ❑ Management capability
- ❑ Workflow capability

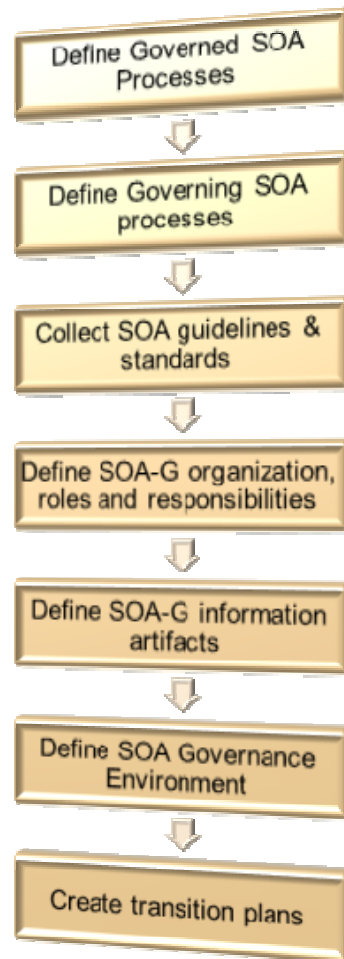**Technology to support development and enforcement of the SOA Governance Regimen**

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SOA Governance Vitality Model

Plan Phase

Understand current governance structures

↓

Assess SOA maturity

↓

Develop SOA Governance vision and strategy

↓

Develop SOA Governance scope

↓

Develop SOA Governance principles

↓

Develop SOA Governance roadmap

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Define Phase

Define Governed SOA Processes

↓

Define Governing SOA processes

↓

Collect SOA guidelines & standards

↓

Define SOA-G organization, roles and responsibilities

↓

Define SOA-G information artifacts

↓

Define SOA Governance Environment

↓

Create transition plans

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Implementation Phase

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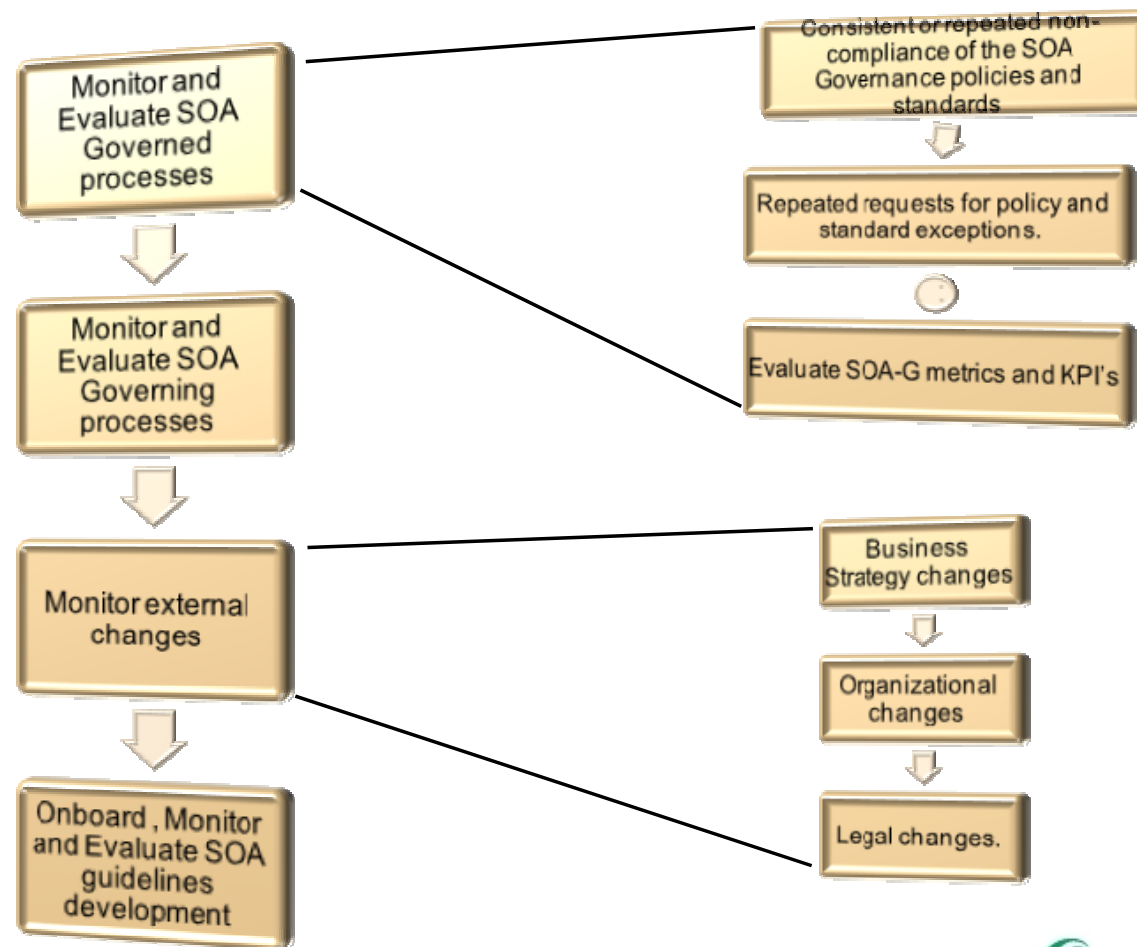
Monitor Phase

Summary

❑ SOA Governance provides the way for business and IT alignment to drive the promise of value for SOA

❑ SOA Governance address key concerns for SOA

   ▪ Which services and when

   ▪ Ownership and funding

   ▪ Reuse and development

❑ Open Group SOA Governance Framework Standard is:

   ▪ A vendor and tool neutral framework developed from best practices and experienced vendor implementations

   ▪ Based on an approach that addresses multiple industries and organization types

   ▪ Extensible and customizable

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