

# “A Standard Framework for SOA Governance”

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# SOA Governance

SOA Governance cannot be addressed by technology alone. A comprehensive view of SOA Governance includes:

## *People*

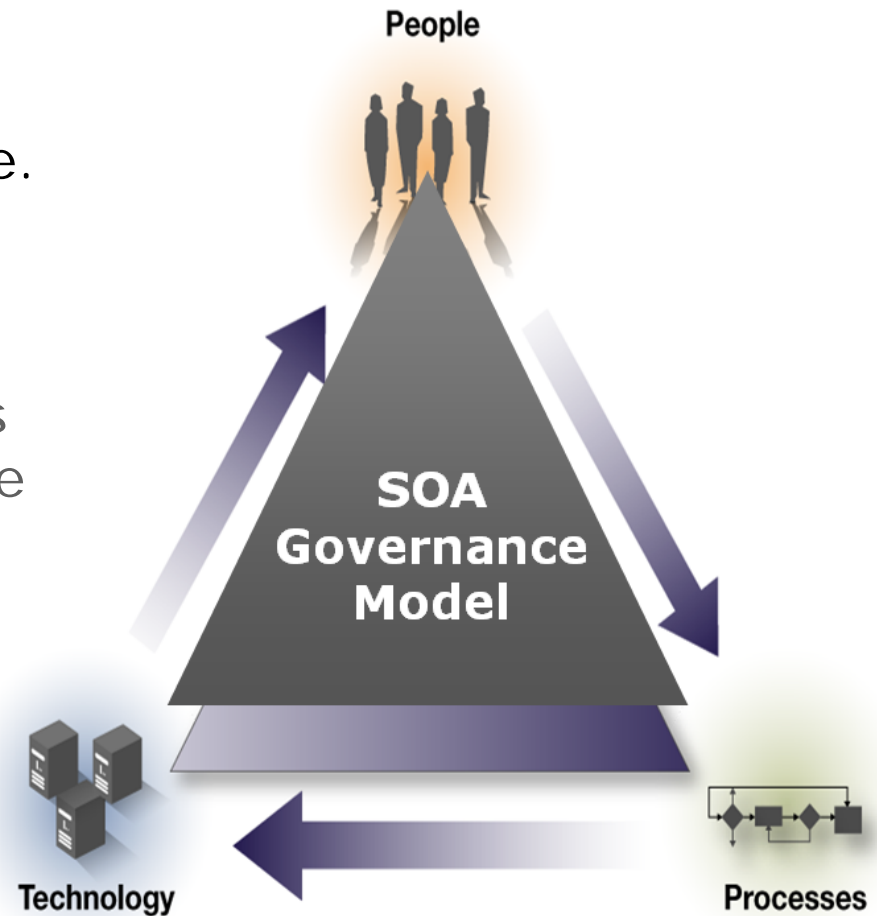
Roles & Responsibilities  
Organizational structure

## *Processes*

Governing processes  
Governed processes

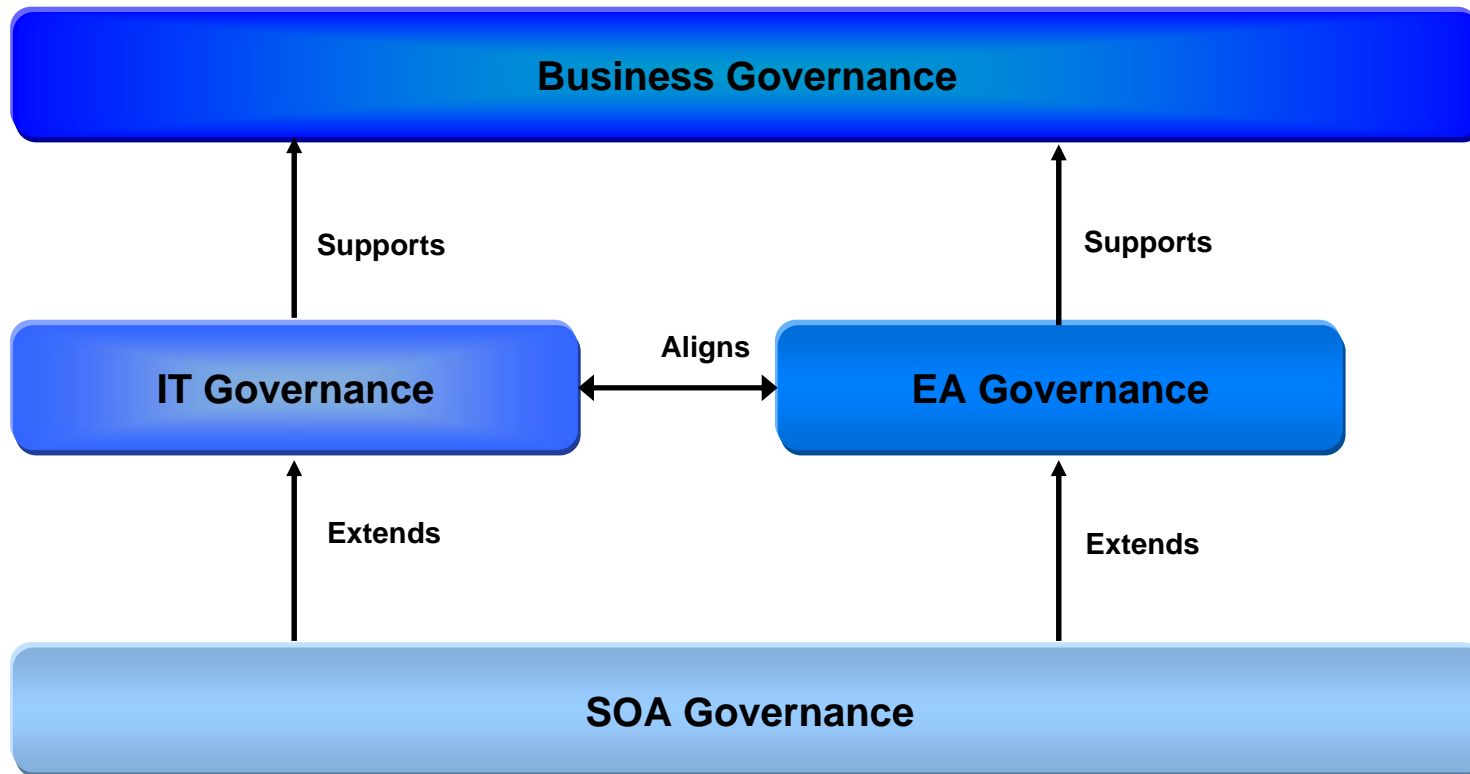
## *Technology*

Infrastructure  
Tools



# Relationships with other governance

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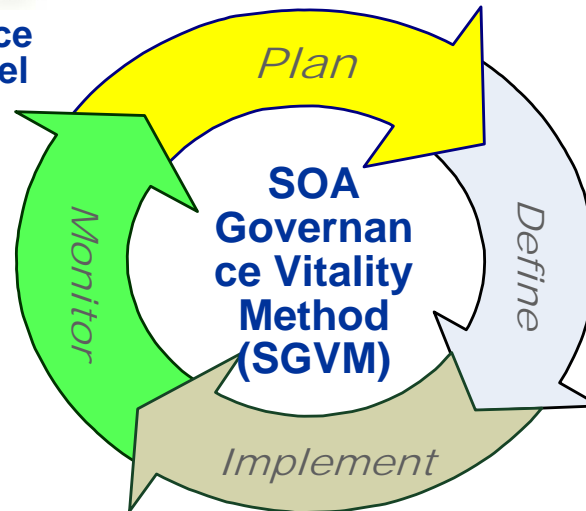


# SOA Governance framework

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- ❑ No one-size-fits-all SOA governance due to organization variants:
  - SOA maturity level
  - existing governance in place
  - size of the organization, etc.
  
- ❑ Customizable framework
  
- ❑ A SOA Governance model is one that defines for the organization:
  - What decisions need to be made in their organization to have effective SOA Governance
  - Who should make these SOA Governance decisions in their organization
  - How these SOA Governance decisions will be made and monitored in your organization
  - What organization structures, processes, and tools should be deployed in your organization
  - What metrics are required to ensure that the SOA implementation meets strategic goals

# SOA Governance Framework

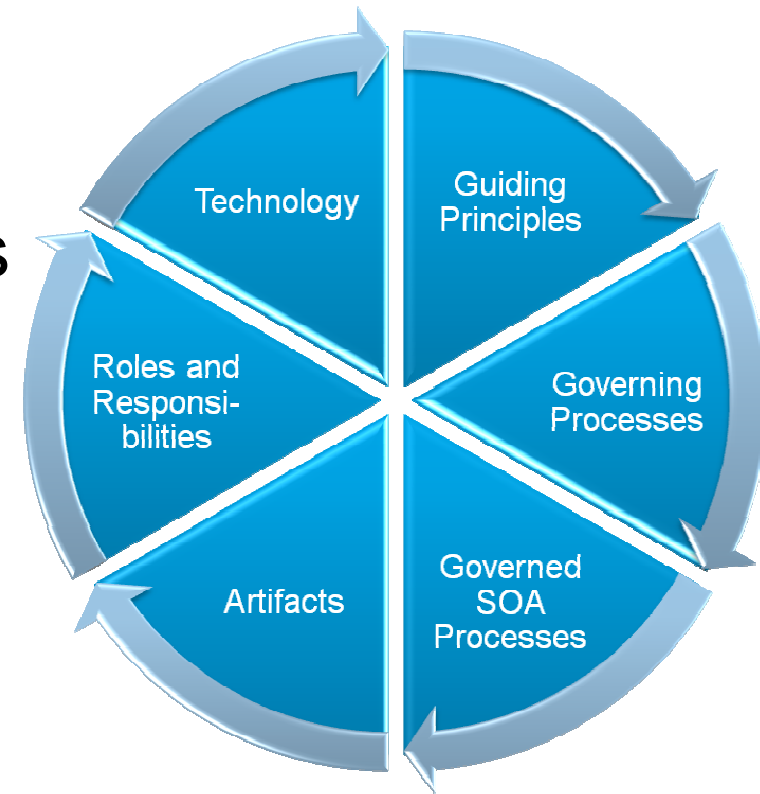


# SOA Governance Reference Model

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SGRM:

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



# SOA Governance Guiding Principles

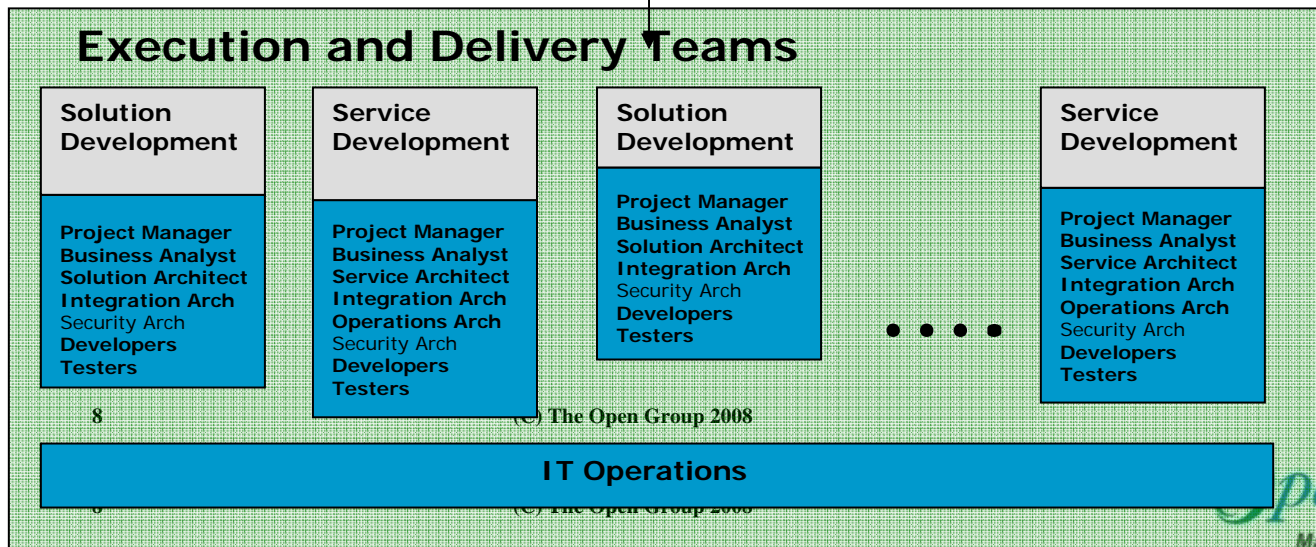
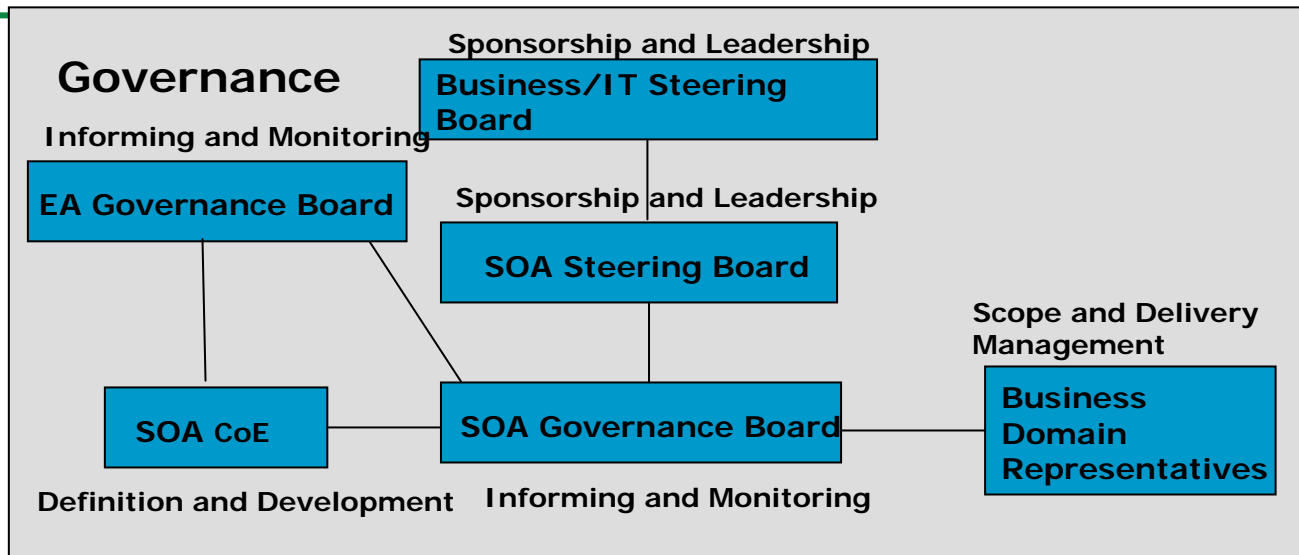
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- ❑ **Guiding principles assist in prioritization and decision making for SOA and SOA Governance**
- ❑ **Guiding Principles are selected and modified based on the organizations maturity and goals**

Examples:

- ❑ Conformance to the organization's:
  - business governance
  - enterprise architecture (if any)
  - security best practices
- ❑ Alignment of business and IT
- ❑ Presence of the SOA Reference Architecture
- ❑ Existence of provider & consumer contracts
- ❑ Managed service metadata
- ❑ Identified stakeholders; Assigned responsibility for the governance processes.
- ❑ Tailored SOA Governance processes based on project scope, objectives and risk.
- ❑ Existence of CoE with business, technical and program / management representation.
- ❑ Implemented Governance funding model.

# SOA G roles and responsibilities





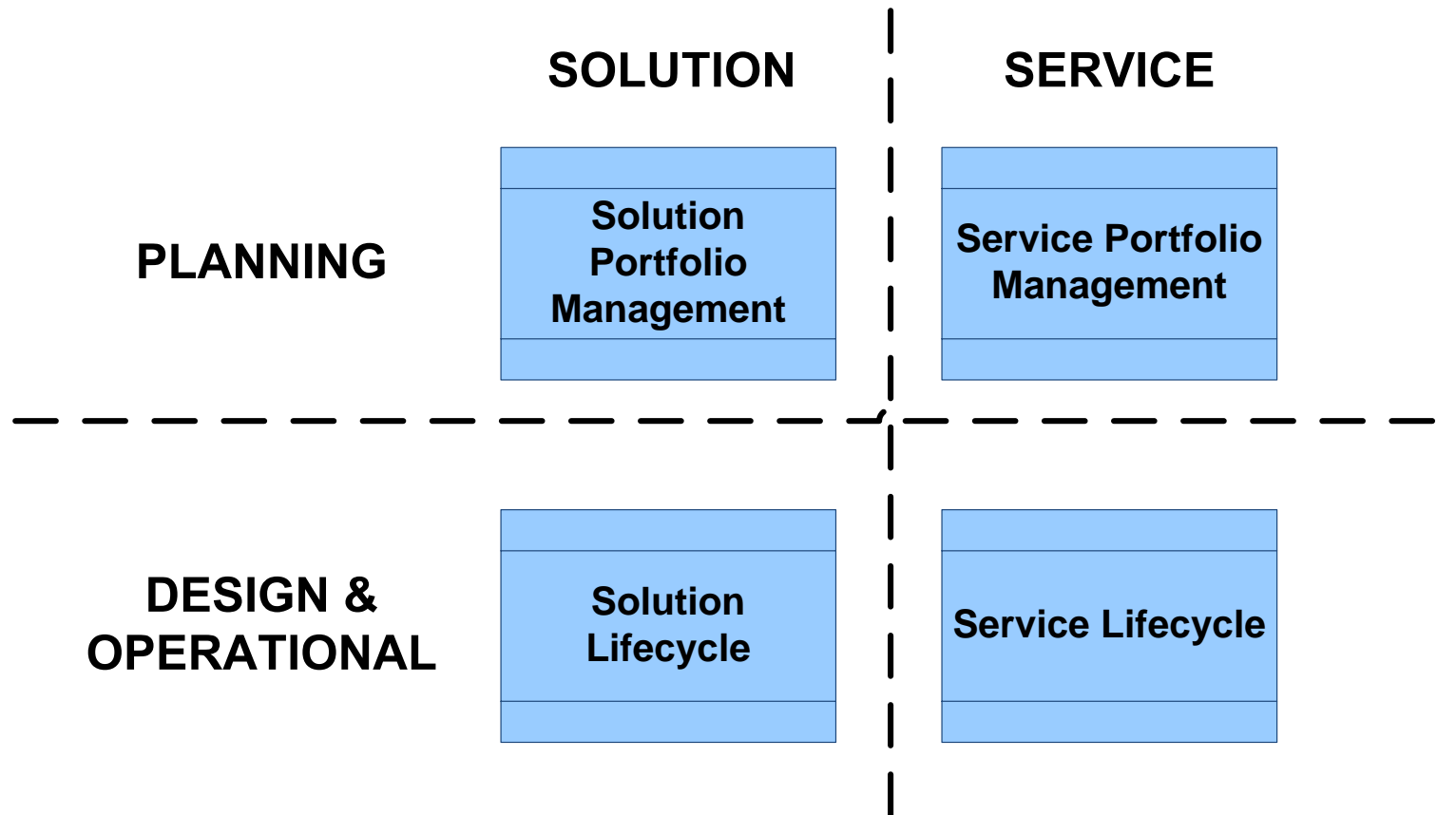
# SOA Governing Processes

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- ❑ **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.

# SOA Governed Processes

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# SOA Governance Technology

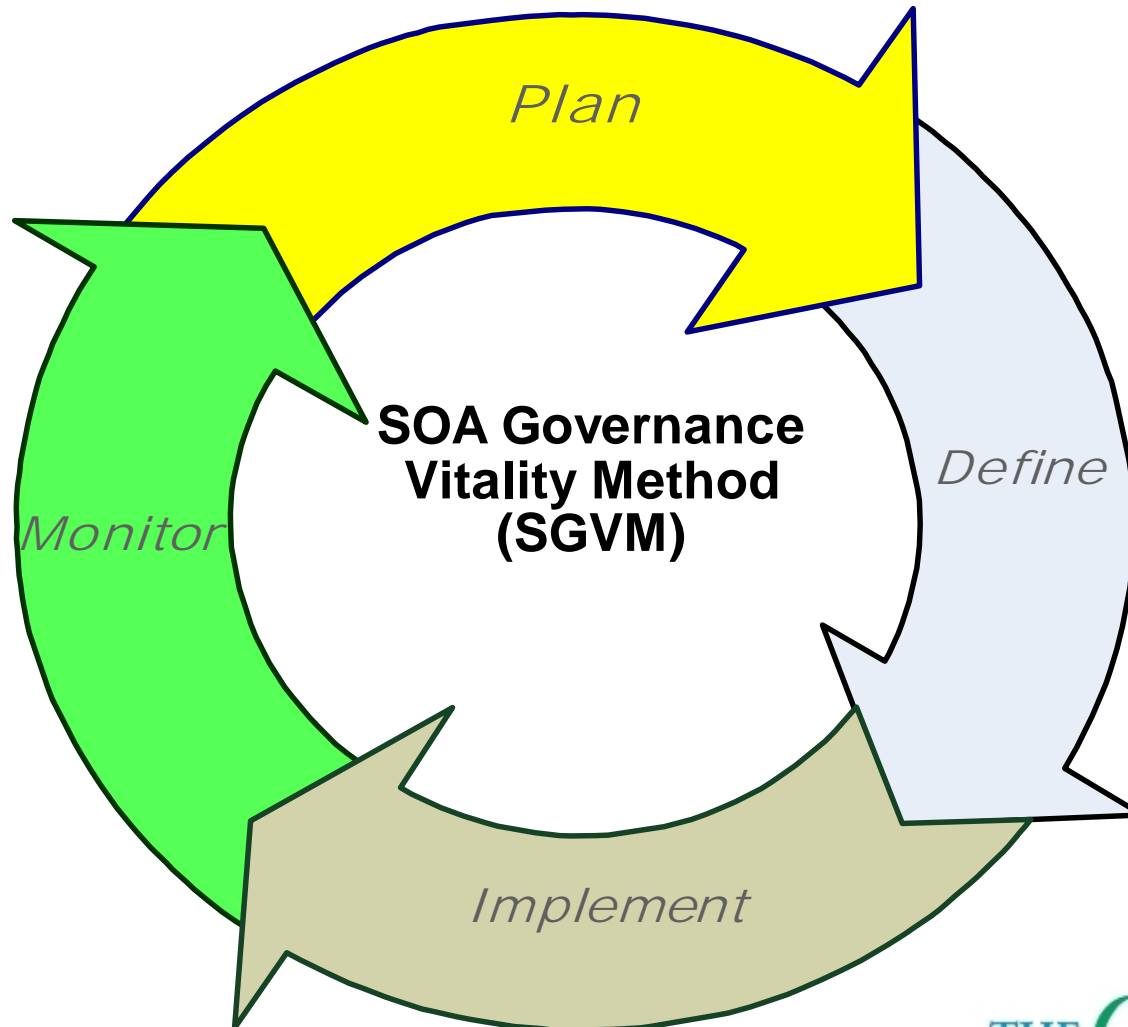
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## Technology to support development and enforcement of the SOA Governance Regimen

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

# SOA Governance Vitality Model

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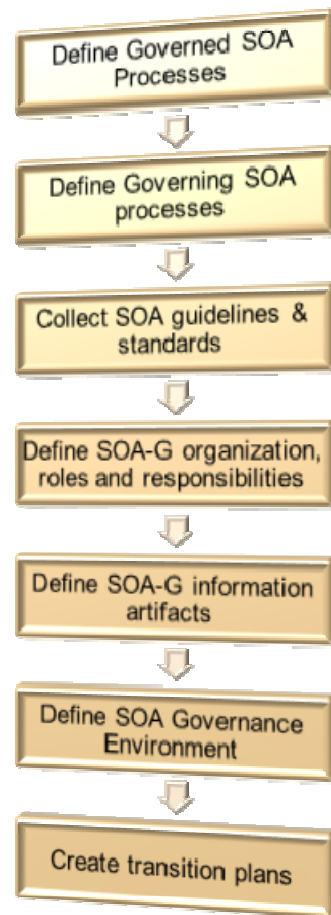
# Plan phase

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# Define phase

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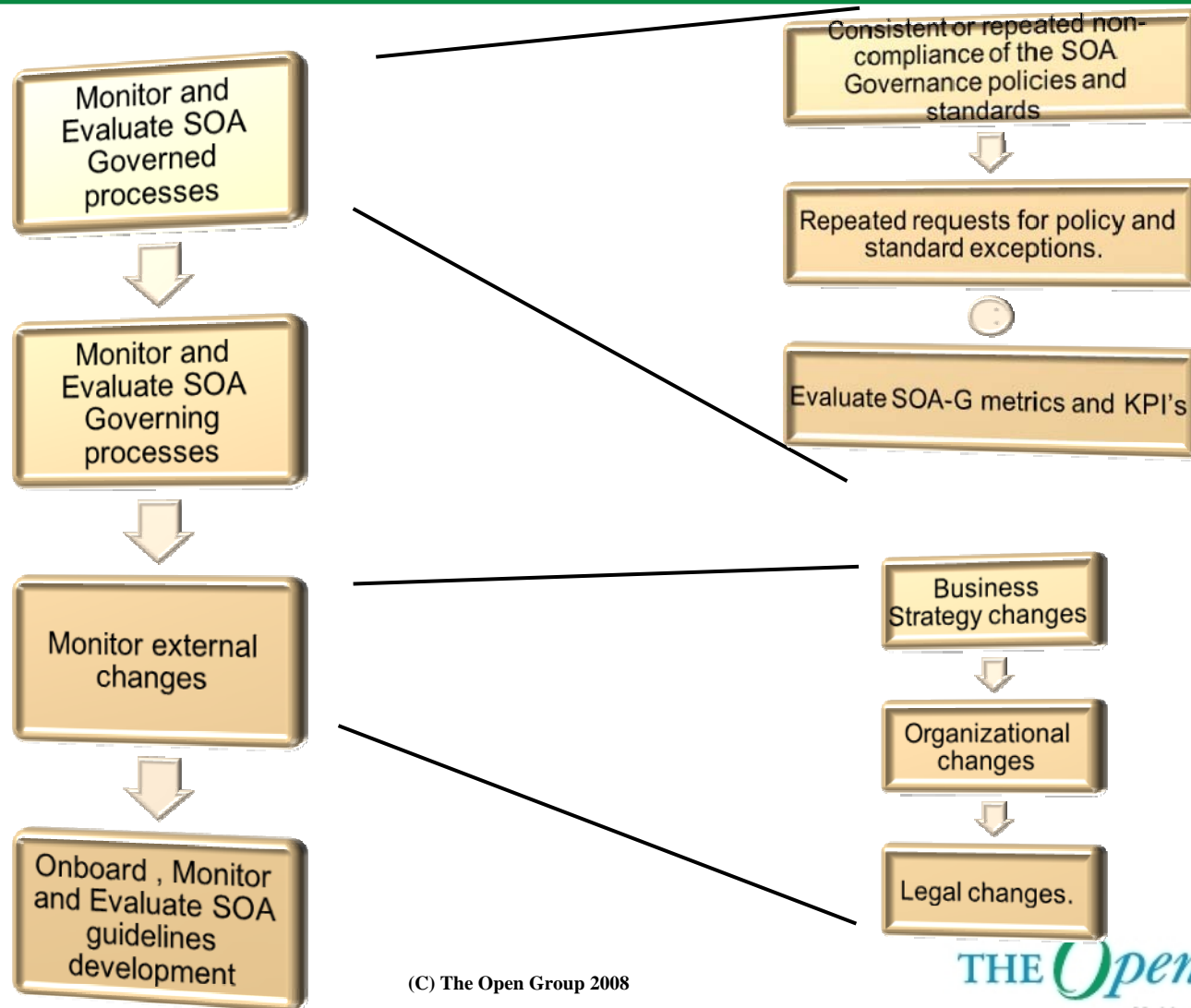


# Implementation phase

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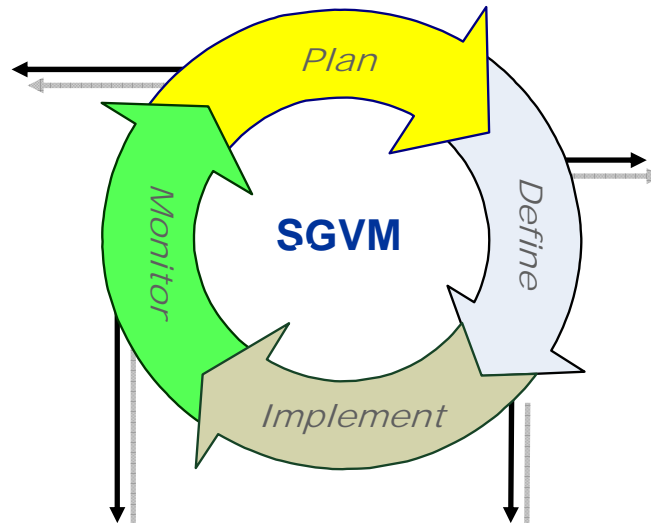
# Monitor





# SGVM Use of SOA Governance Artifacts

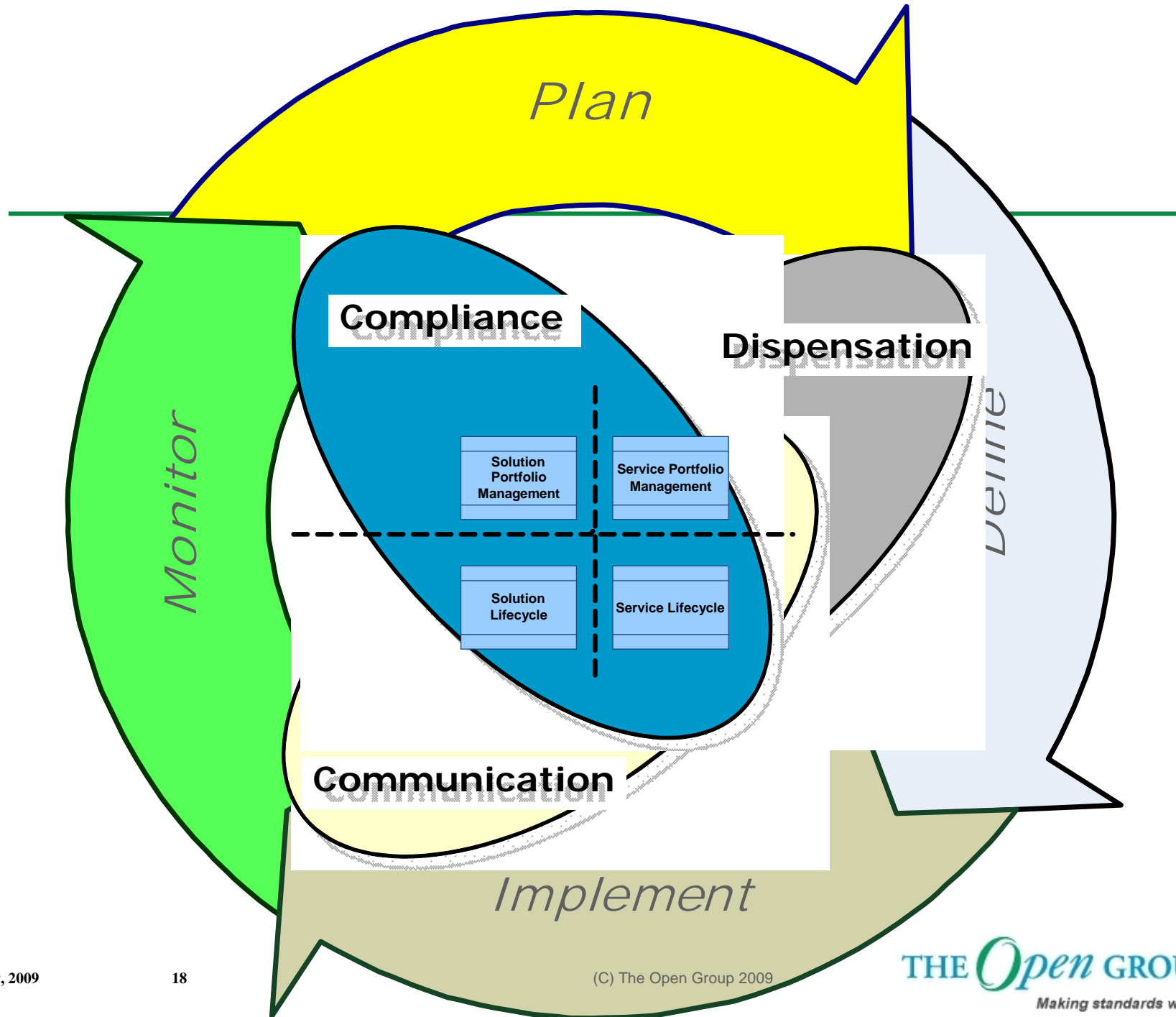
- Principles
- Guidelines
- Vision
- Scope
- Maturity



- Governing Processes
- Governed Processes
- Roles
- Transition Plans
- Roadmaps

- Governance Compliance Policies
- SGVM iteration triggers

- Implementation Plans



# SOA Governance Benefits

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- ❑ Creates mechanisms for better business/IT alignment
- ❑ Cross-division integration –removes uncoordinated silo-es and duplicated coverage
- ❑ Reduces risk
- ❑ Early identification and response to problems
- ❑ Creates efficiencies:
  - Increases reuse
  - Reduces costs
- ❑ Traceability

# The value of taking a standard approach in SOA Governance

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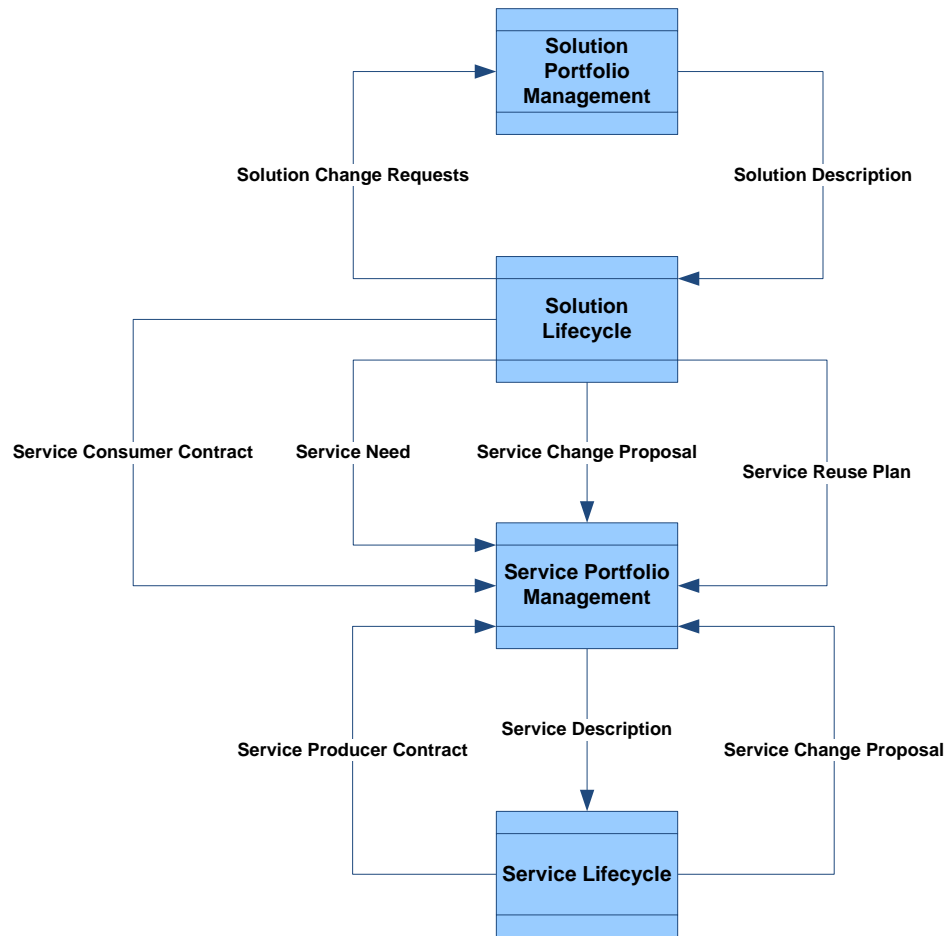
- ❑ Vendor Neutral
- ❑ Best Practices from multiple vendors
- ❑ Reduces risk
  - knowledge more mature/validated
  - more vendor options
- ❑ Common foundation of understanding
  - common structure for approaching governance
  - no mapping vendor terminology
- ❑ Enables automation of business and compliance processes



# Backup

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# SOA Governed Processes



# Governed SOA Process Relationships

