Open Group SOA Governance

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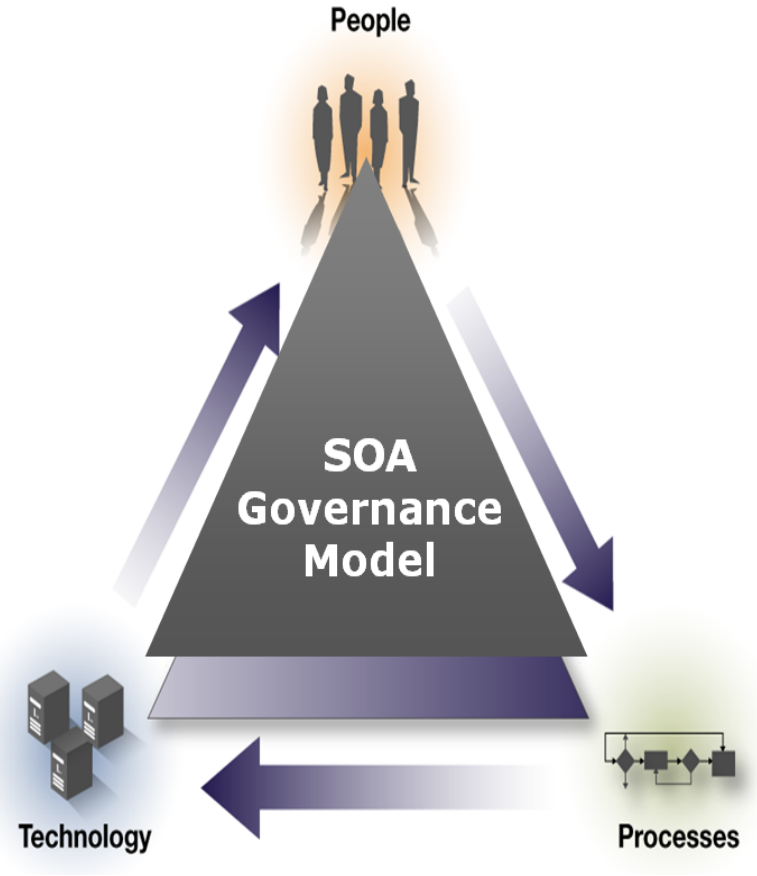
SOA Governance Aspects

A comprehensive view of SOA Governance includes:

- *People*
  - Organizational structures
  - Roles & Responsibilities
- *Processes*
  - Governing processes
  - Governed processes
- *Technology*
  - Tools
  - Infrastructure



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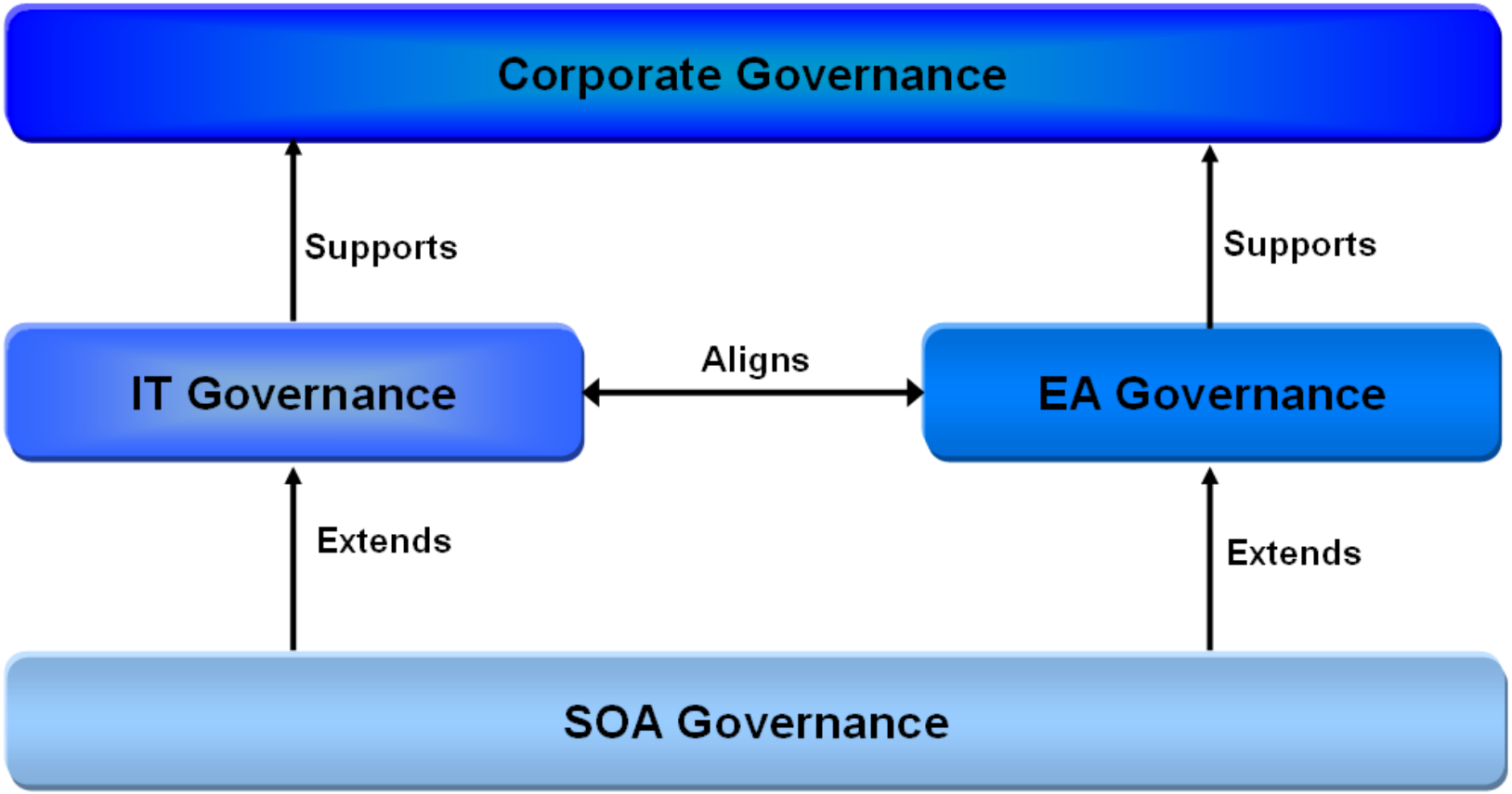
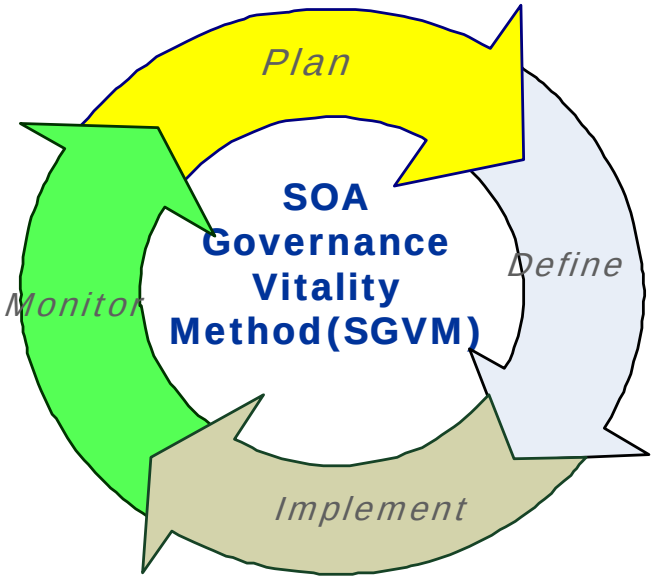
SOA Governance definition



SOA Governance should be viewed as the application of Corporate Governance, IT Governance and EA Governance to Service Oriented Architecture.

Open Group SOA Governance Framework

SOA Governance Reference Model (SGRM)



Customized and Focused SOA Governance Regimen

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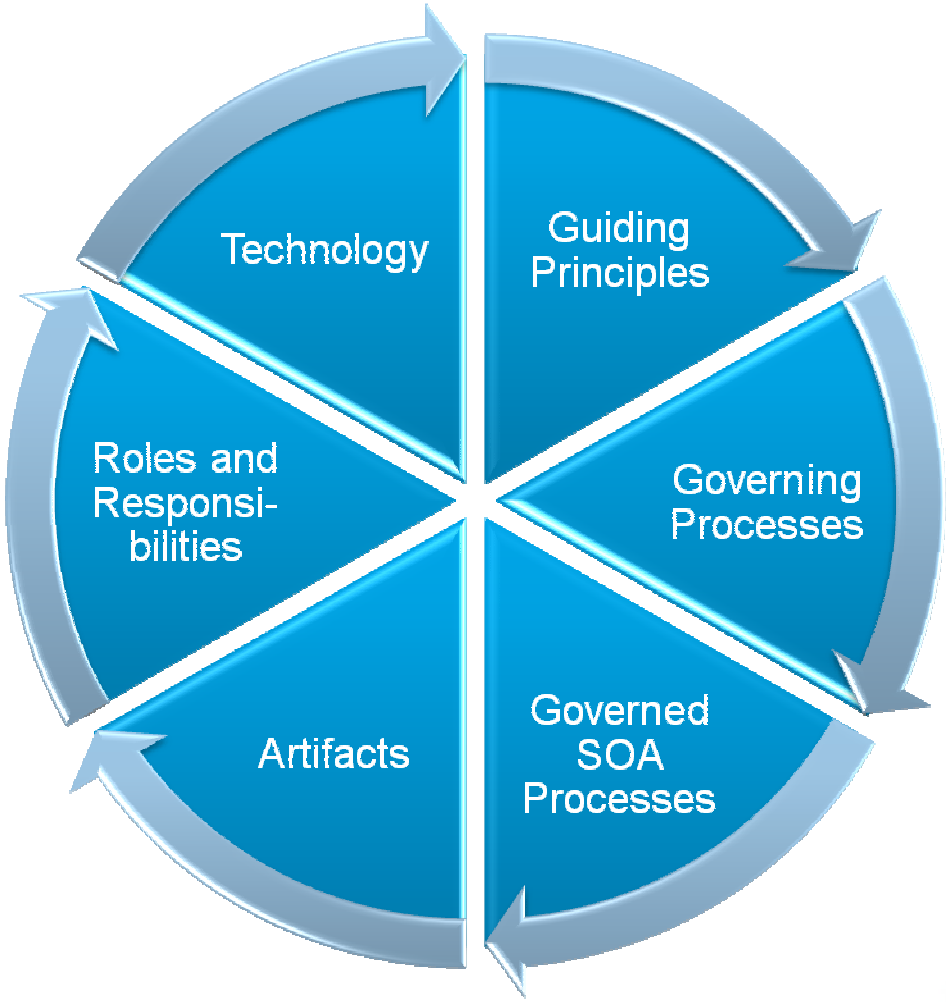
SOA Governance Reference Model



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SOA Governance principles

SOA Governance principles

- Conform to organization's governance
- Comply with EA
- An SOA Reference Architecture is required
- Identified stakeholders
- Provider & Consumer contracts
- Service & SOA Solution metadata management
- Tailor SOA Governance processes
- Automate SOA Governance processes
- Governance funding model

Important SOA Principles to apply governance to

- Service reuse
- Service harvesting
- Service monitoring
- Service policy enforcement
- Service security

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Governing processes

- **Compliance** - it provides the mechanism for review and approval/rejects against the criteria established in the governance framework (i.e. principles, standards, roles, and responsibilities etc.).

- **Dispensations** -exception and appeals processes that allows a project or application team to appeal noncompliance to established processes

- **Communications** - it is aimed at educating, supporting and communicating about the regimen across the organization.

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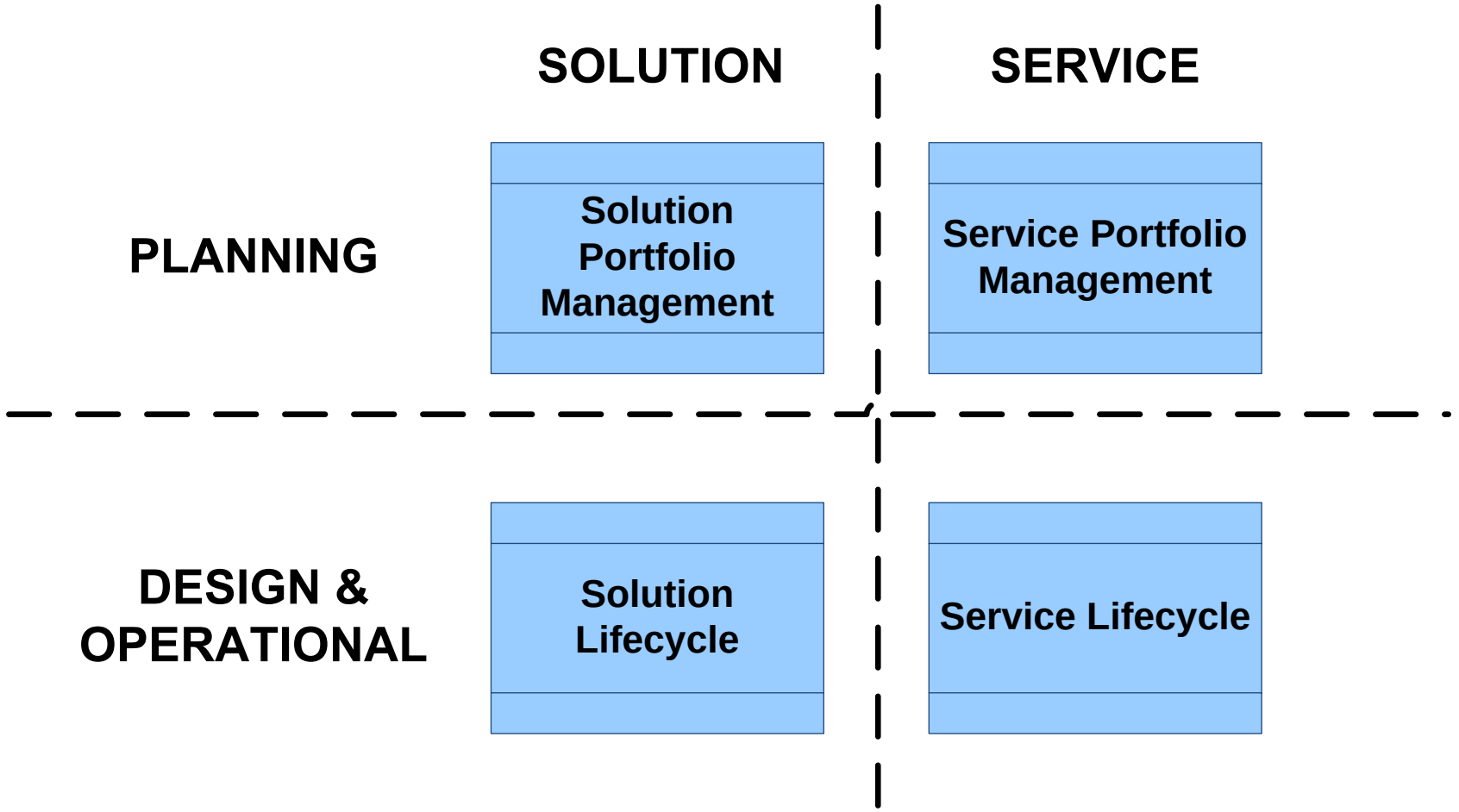
Governed SOA processes



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Portfolio Management

SOA Solution Portfolio Management is the process of ensuring that the organization has a set of SOA solutions appropriate to its needs.

Service Portfolio Management is the process of ensuring that the organization has a set of services appropriate to its needs.

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Lifecycle

Service Lifecycle processes cover the design, development, deployment, management, and ultimate retirement of services.

Solution Lifecycle processes cover the design, development, deployment, management, and ultimate retirement of SOA solutions.

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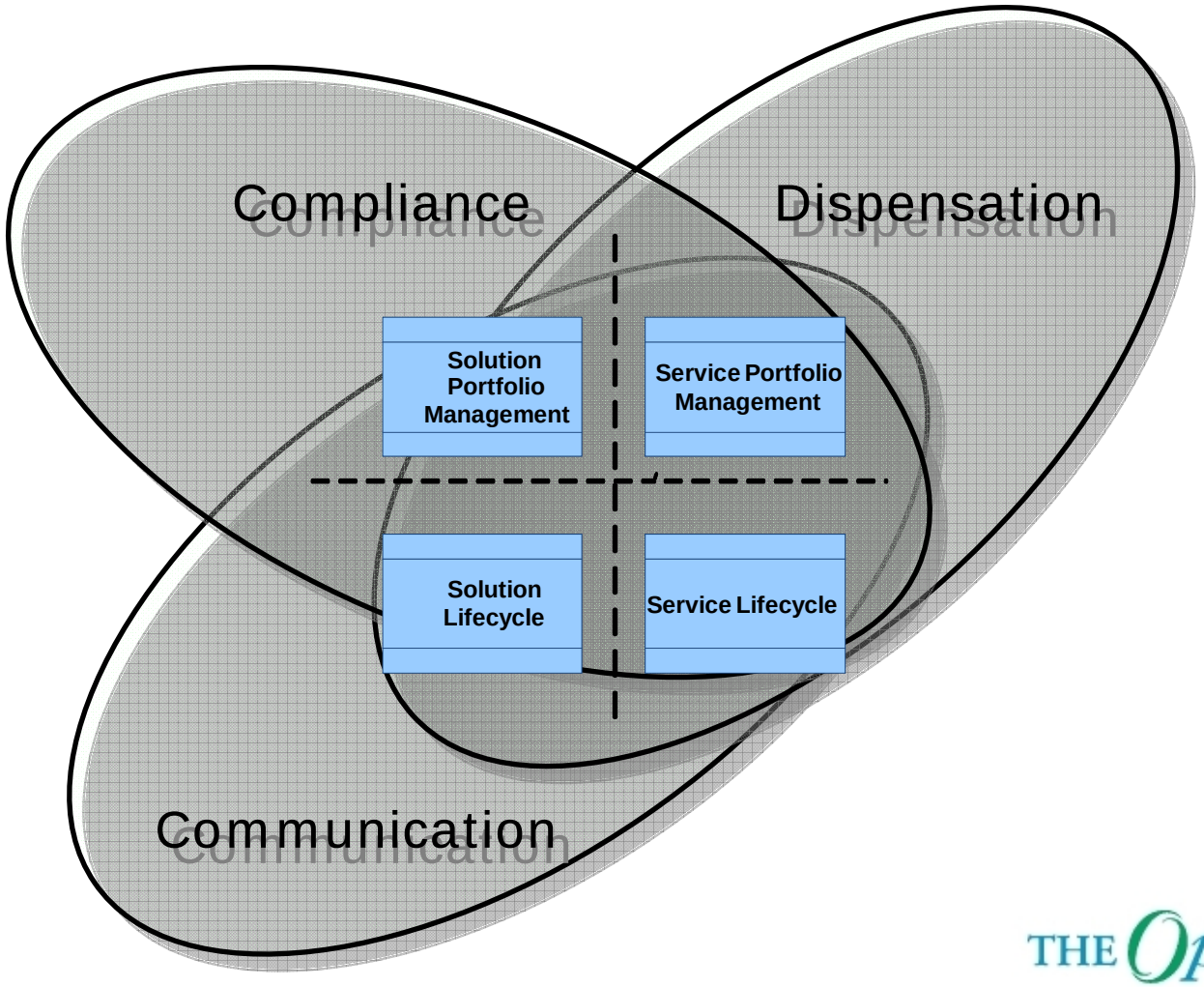
Governed Processes and Governance Processes



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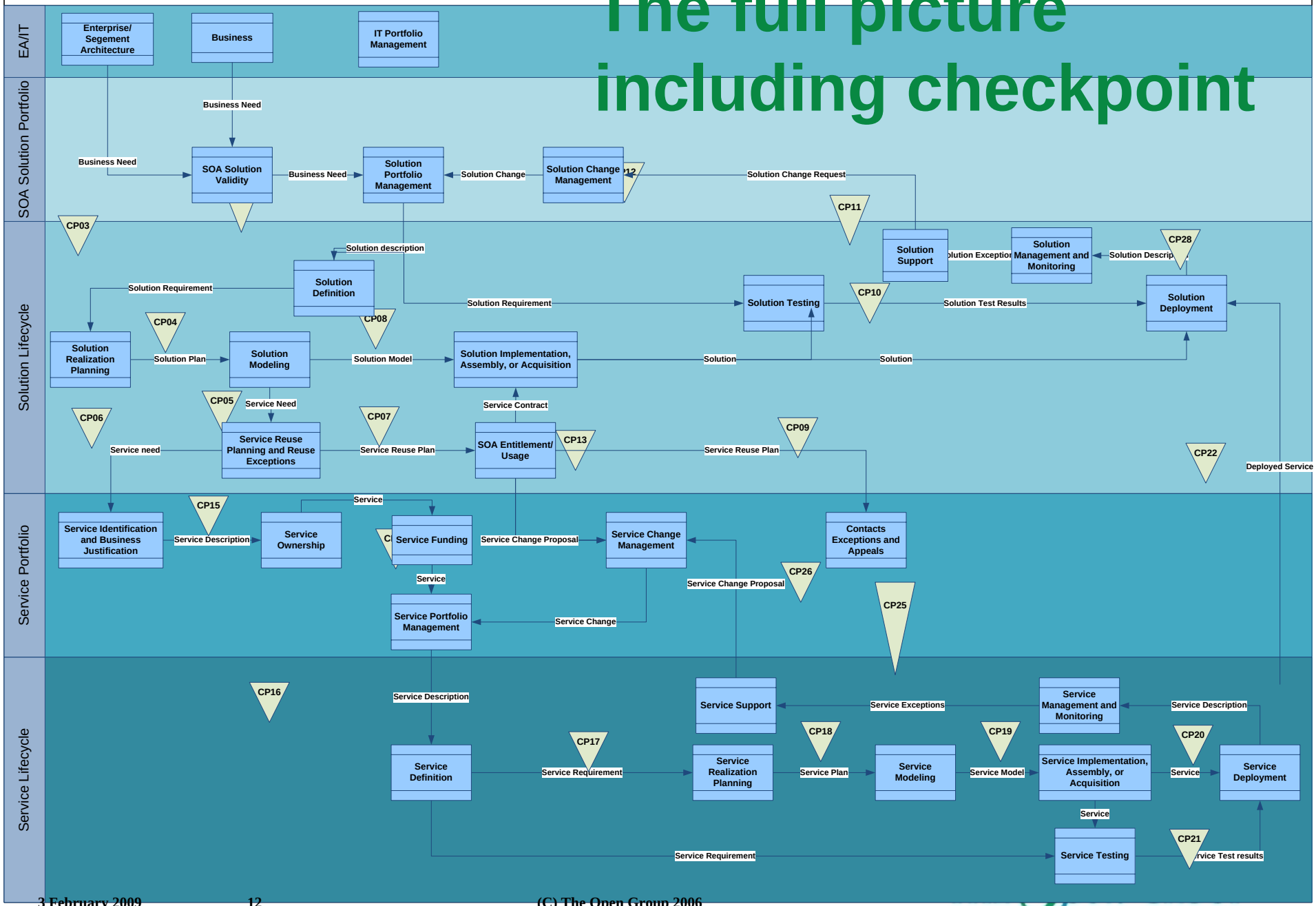
The full picture including checkpoint



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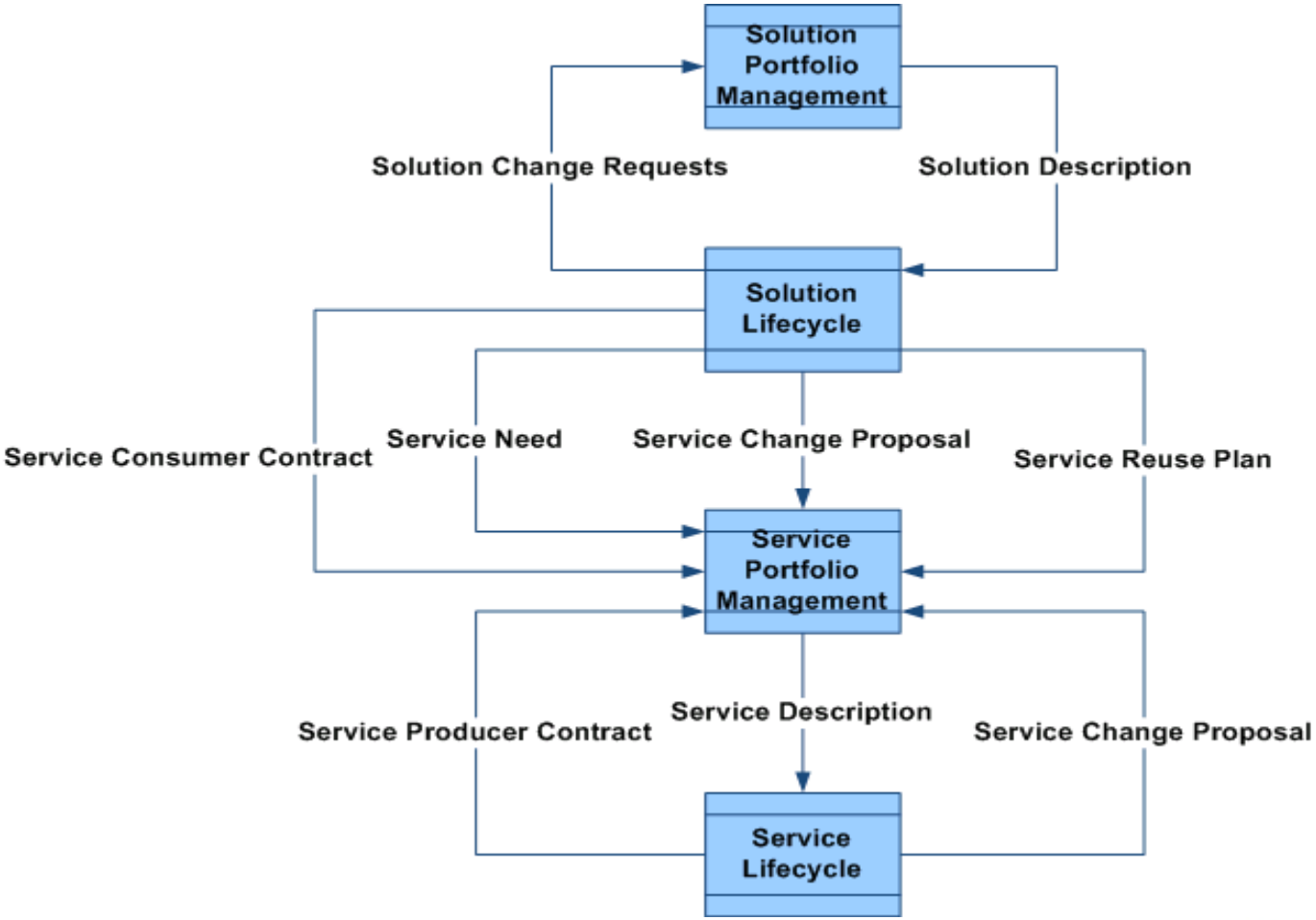
Information flows to identify opportunities for governance



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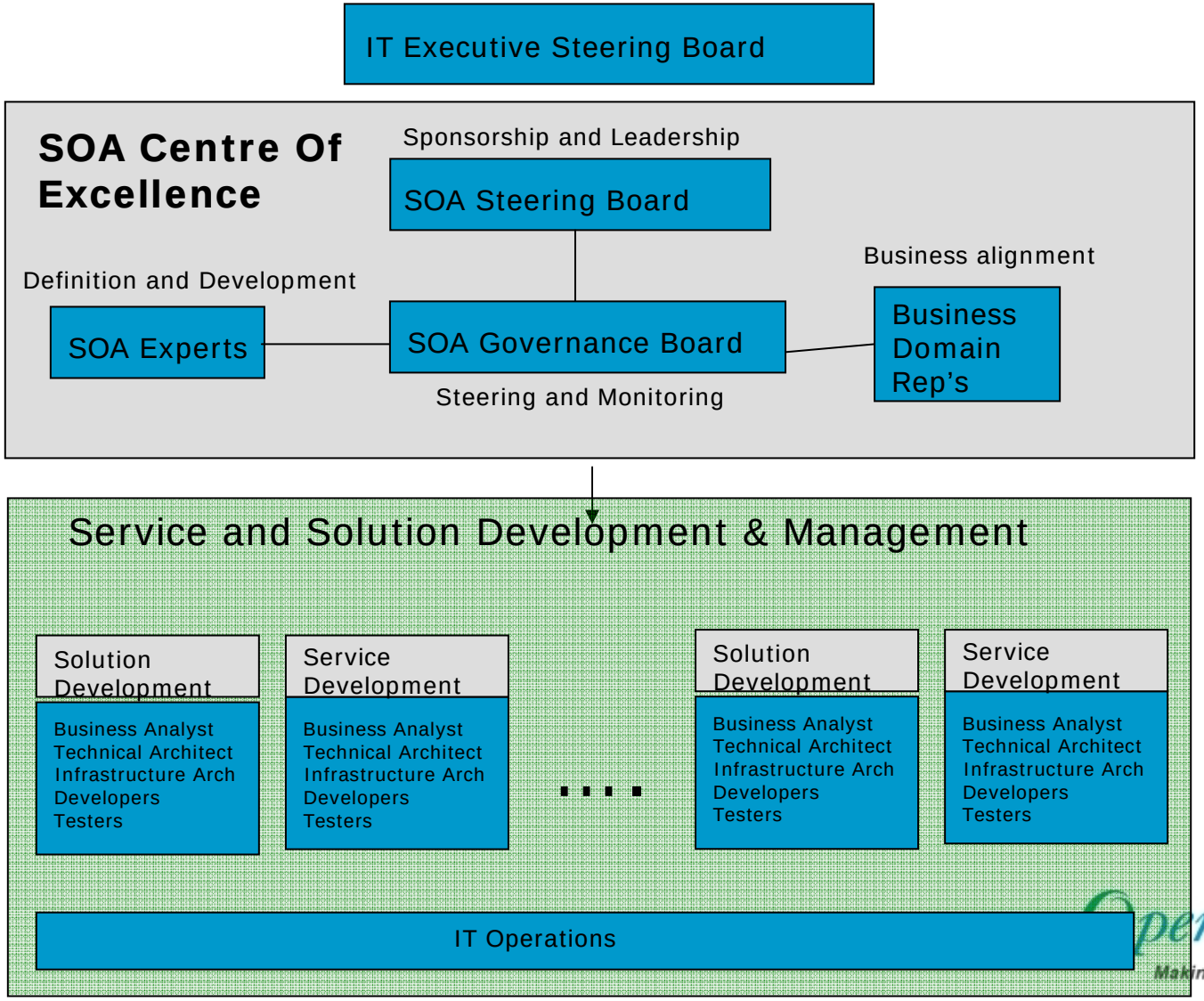
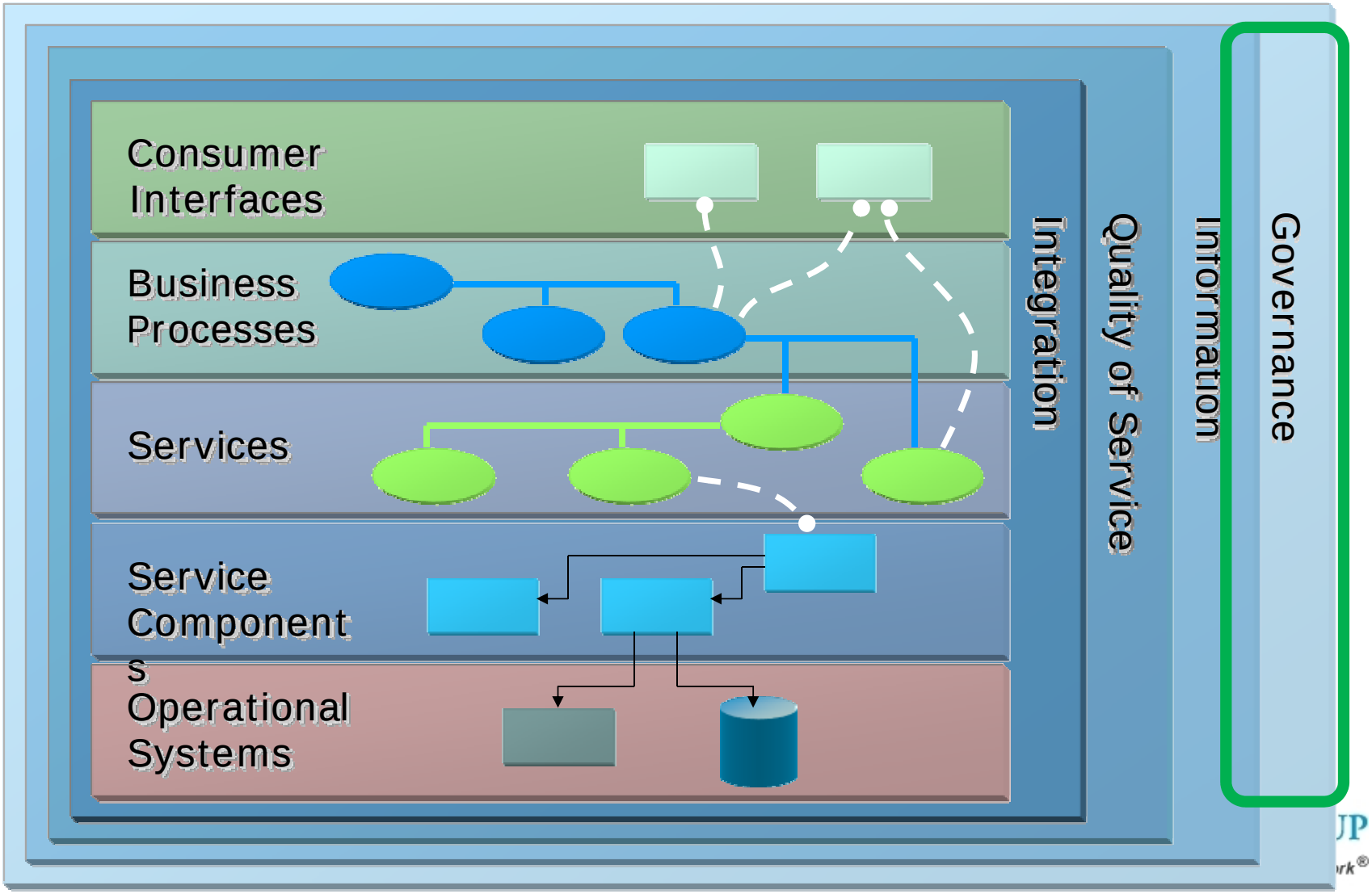
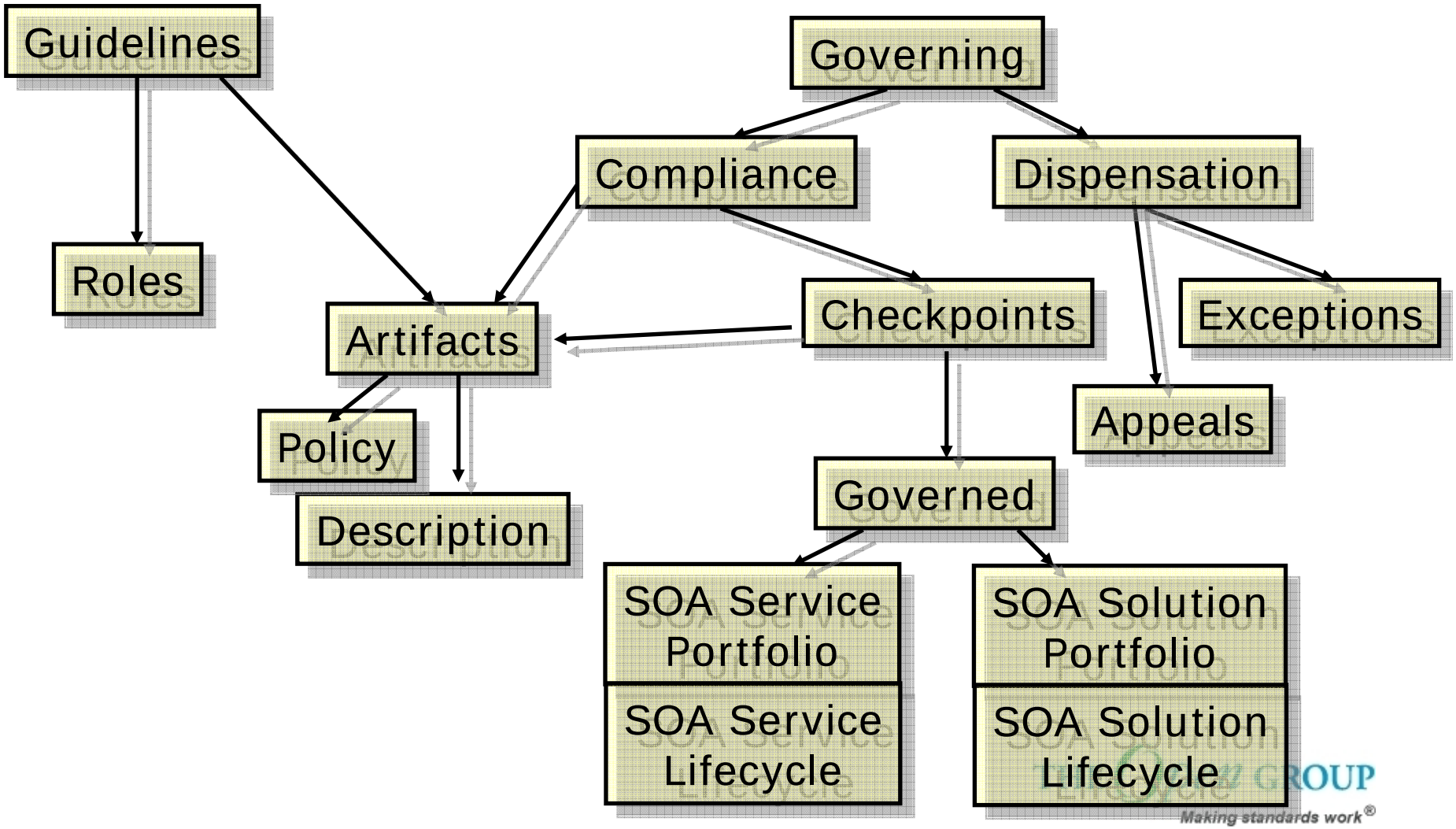
SOA Governance Structures



SOA Reference Architecture



SOA Governance Reference Model



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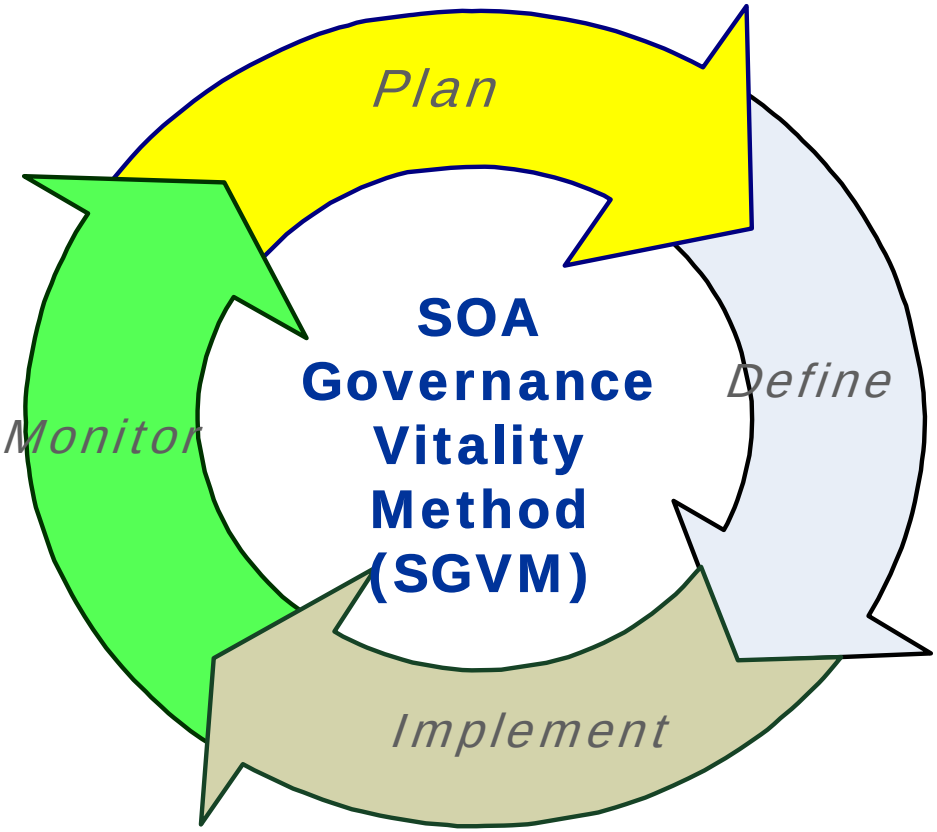
SOA Governance Vitality Method (SGVM)



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Planning phase

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Define phase

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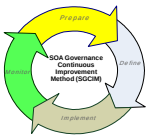
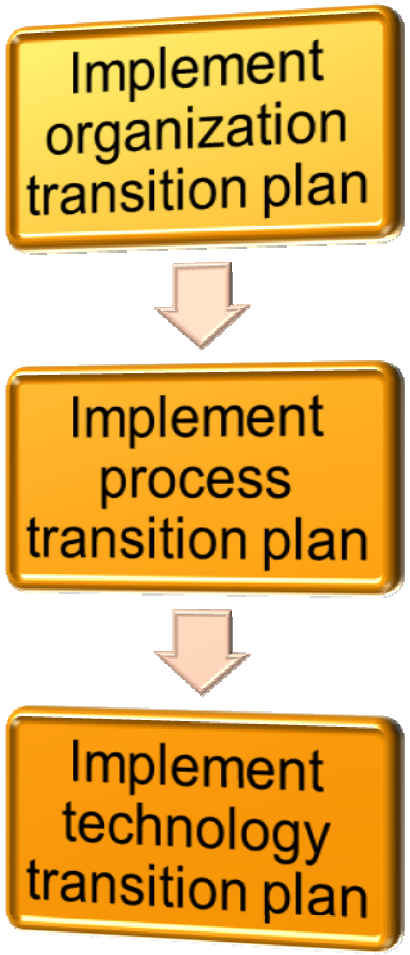


Implementation phase



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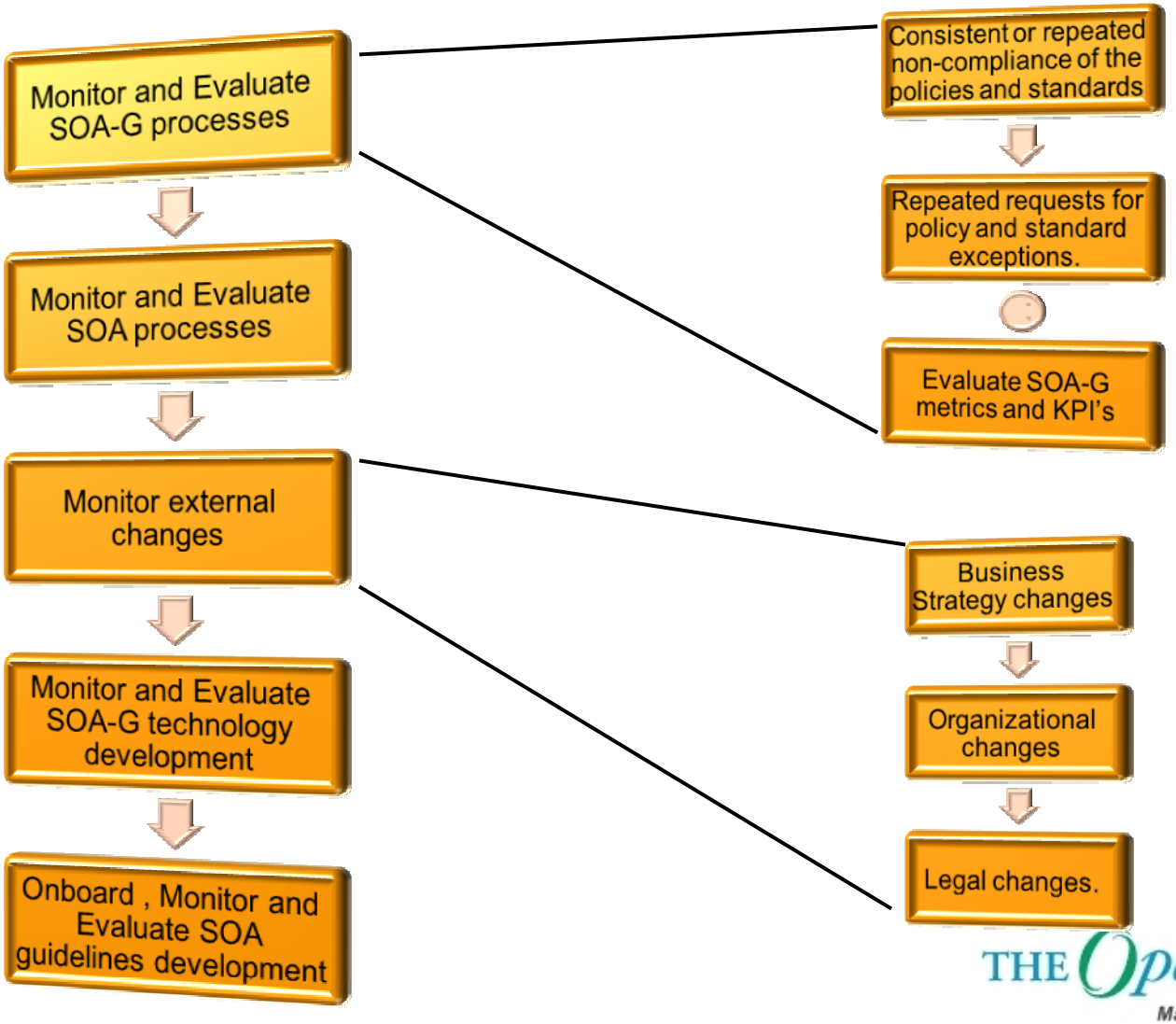
Monitoring phase



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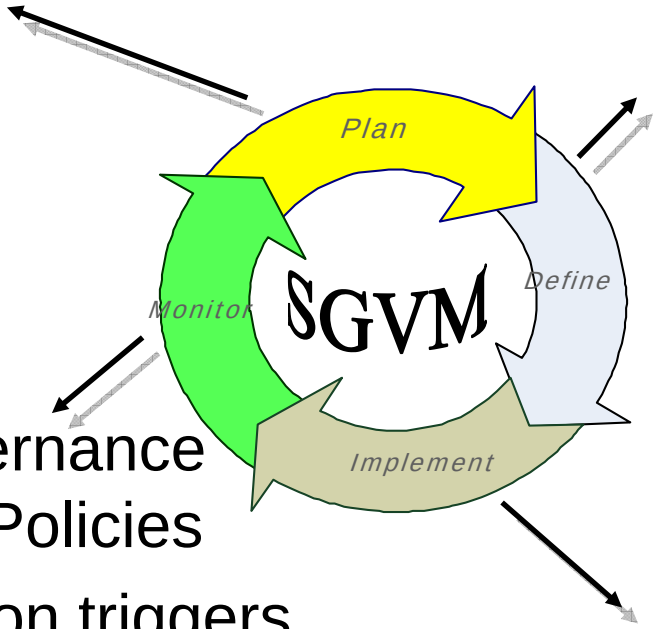
Governance Artifacts

- Principles/Guidelines
- Vision
- Scope
- Maturity



- Governing
- Governed
- Roles
- Transition Plans
- Roadmap

- Monitor Governance Compliance Policies
- SGVM iteration triggers

- Implementation Plans

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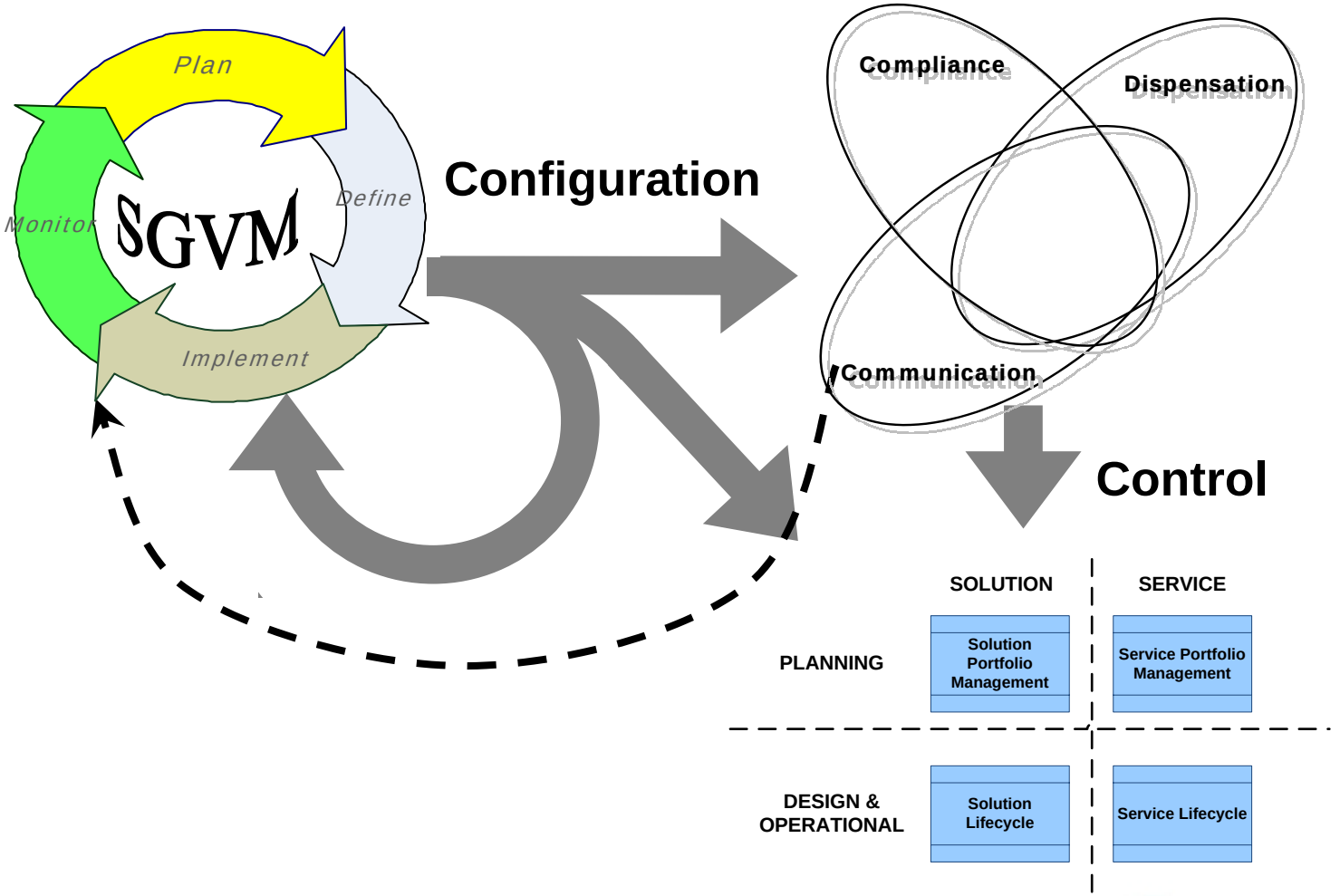
Relations in SOA Governance



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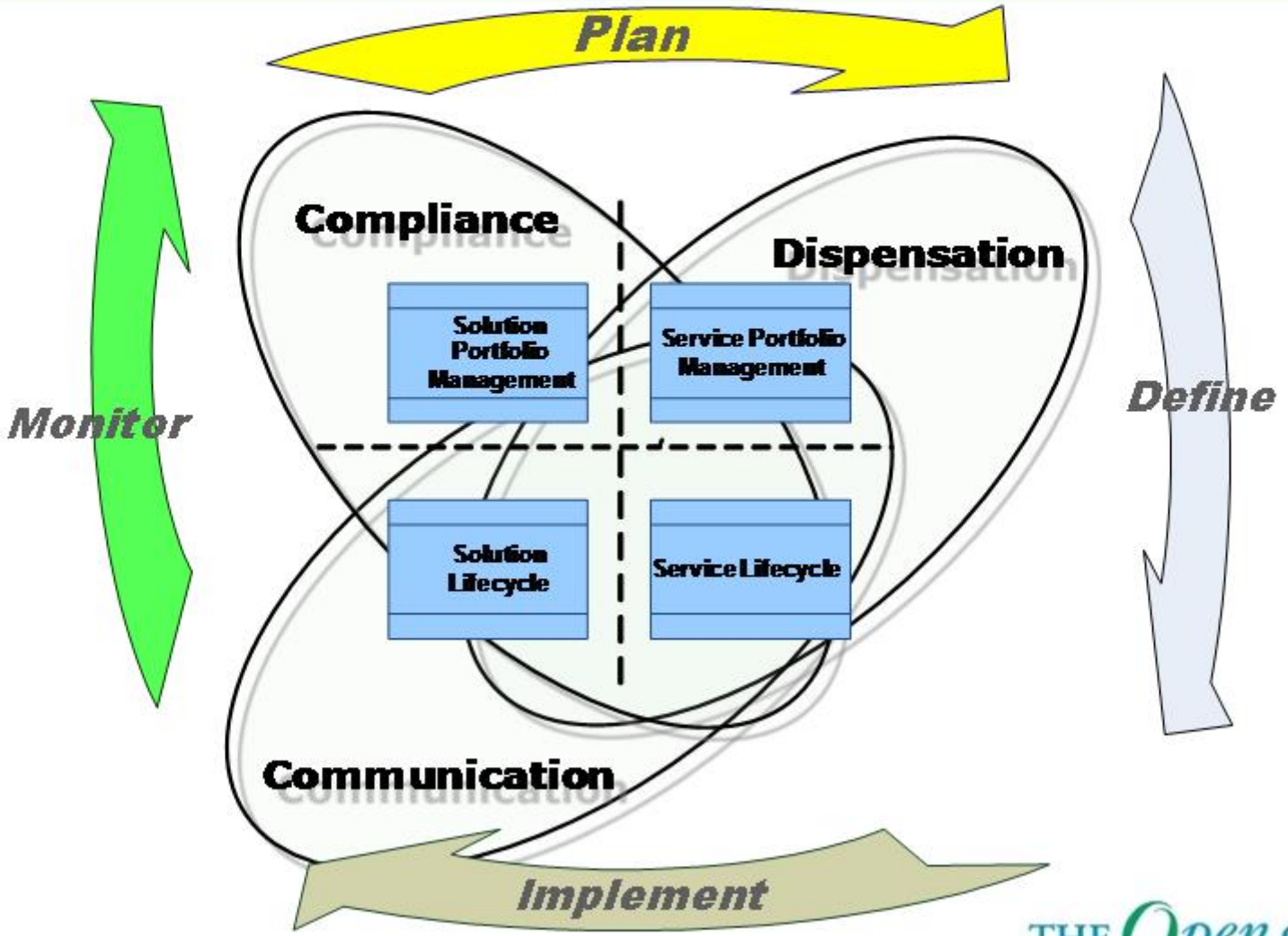
Summary



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Questions?

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