iServer 2010

Enterprise Architecture and Business Process Solutions
For Microsoft and Visio users

TOGAF 9 In Pictures

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Enterprise Architecture Software

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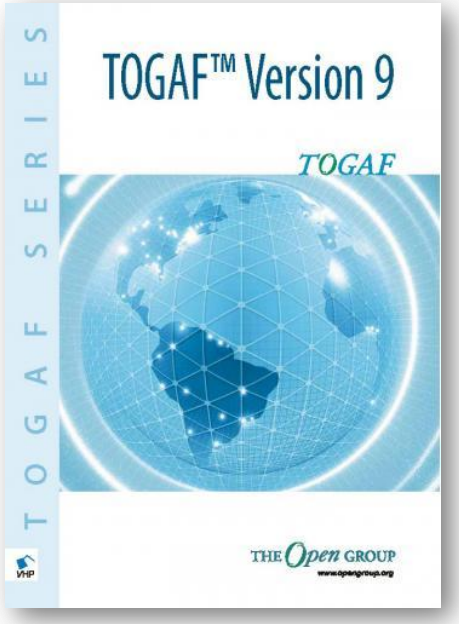
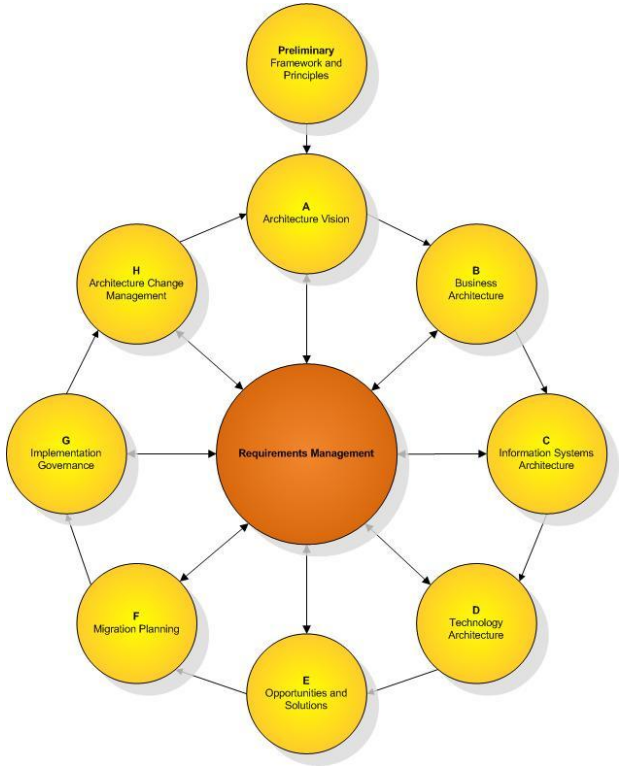
Introduction



TOGAF is an Architecture Framework which has been developed by the Open Group *"to provide the methods and tools for assisting in the acceptance, production, use and maintenance of an Enterprise Architecture".*

THE Open GROUP
Making standards work®

This guide has been designed to give a quick and simple pictorial introduction to TOGAF9, broken down into 6 main 'modules', following the modular structure of TOGAF9, which has been a change from TOGAF8.



TOGAF9 Modular Structure

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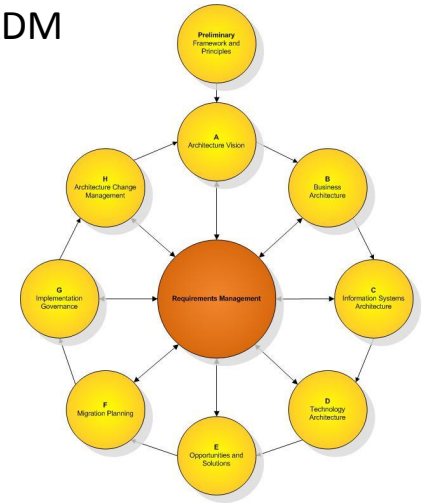
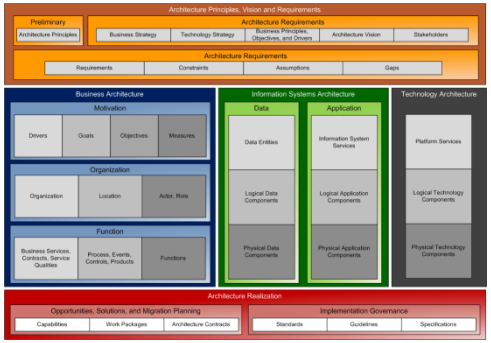
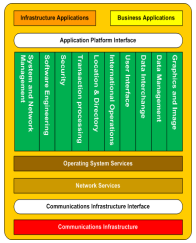
ADM

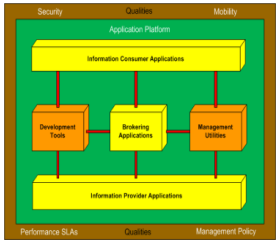


Architecture Content Framework

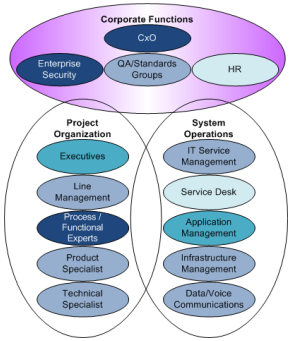


Reference Models

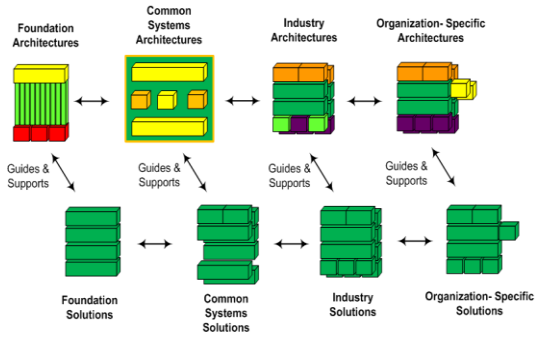




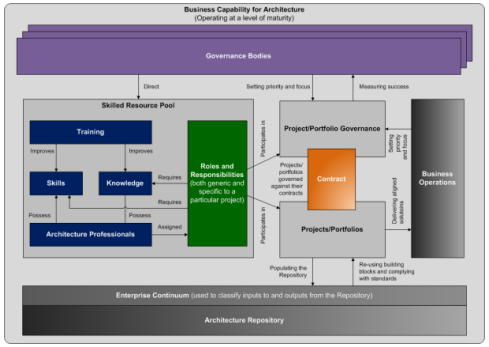
ADM Guidelines & Techniques



Enterprise Continuum



Architecture Capability Framework



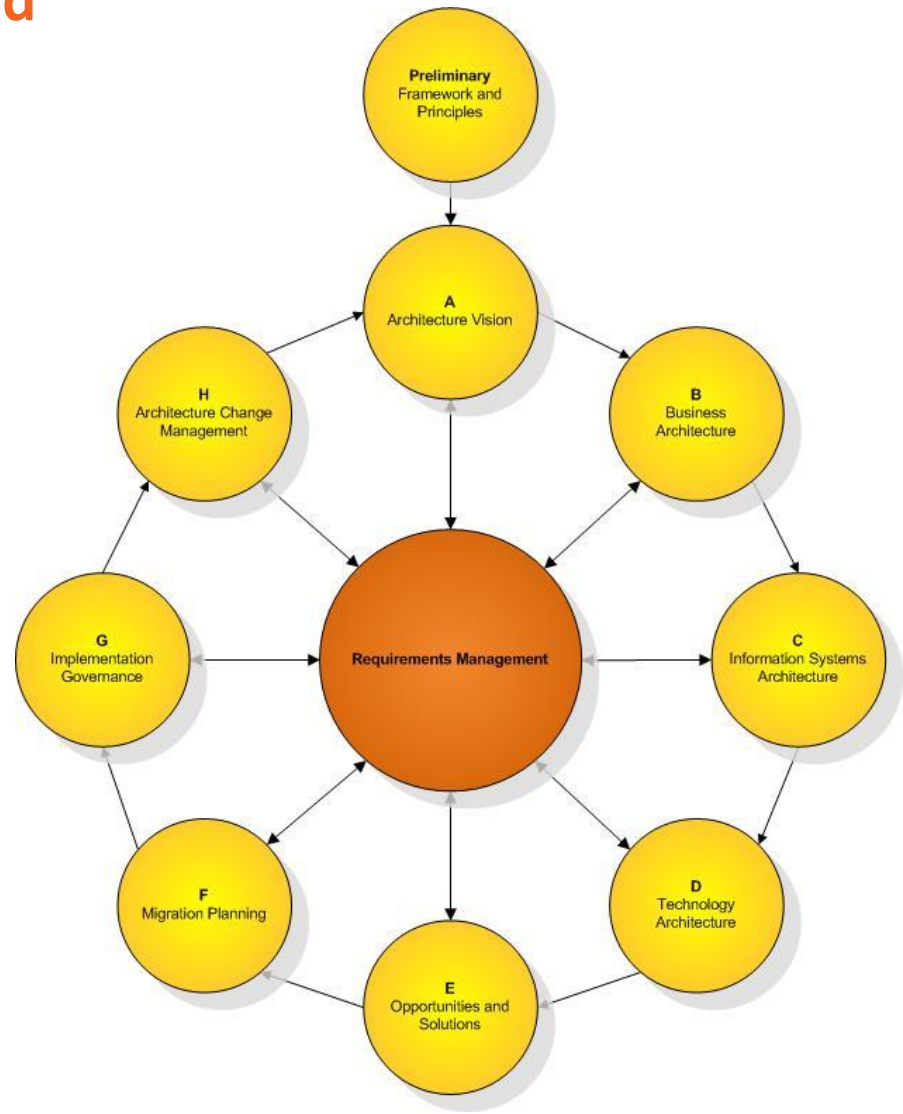
Architecture Development Method

A STEP-BY-STEP *approach*

A METHOD *for developing EA*

THE CORE *of TOGAF*

HELPS ESTABLISH *an EA Framework*



ADM Iteration

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ADM is an Iterative Process

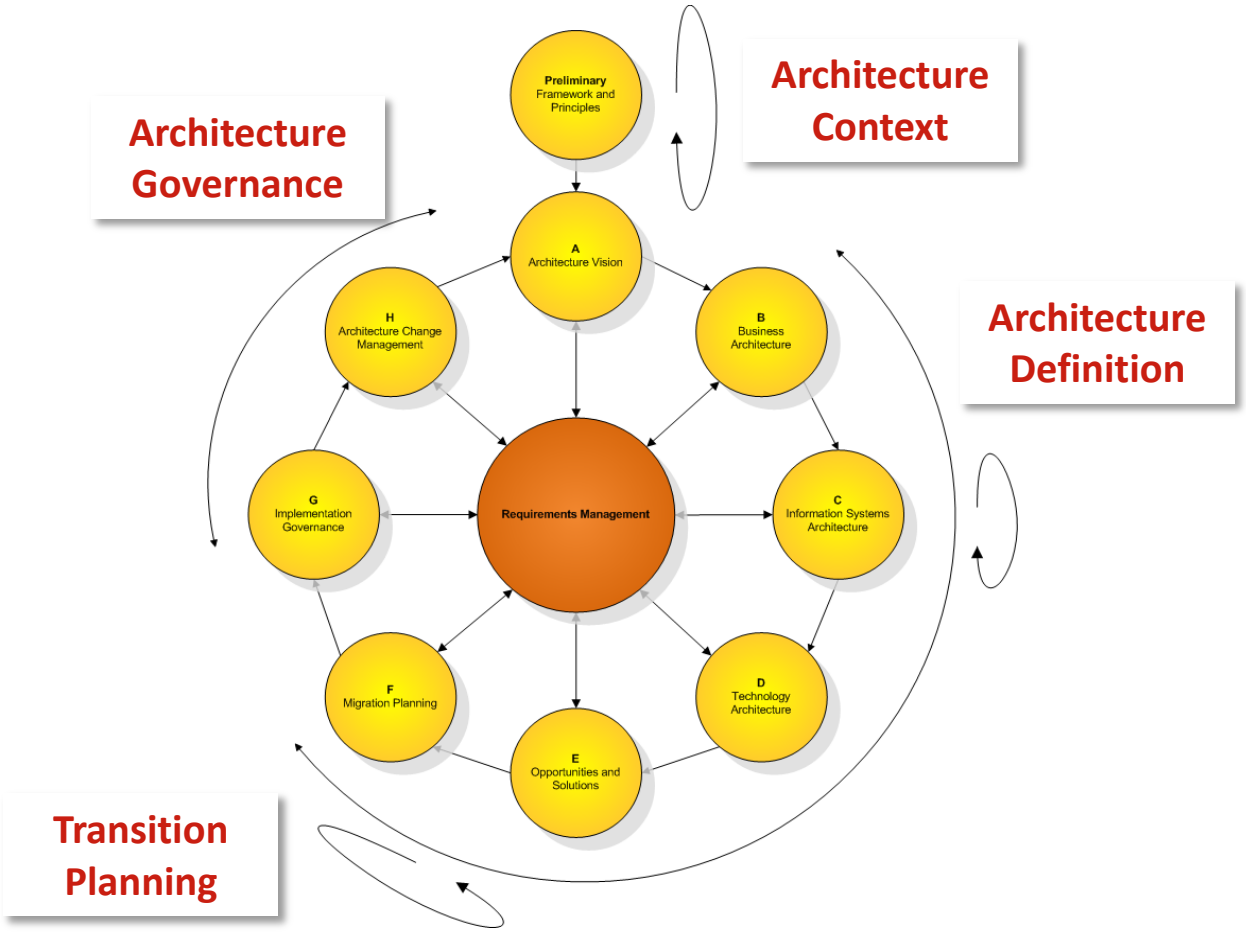
OVER *the whole process;*

BETWEEN *phases;*

WITHIN *phases*

New Iteration

➢**New Decisions**



ADM Phase: Preliminary

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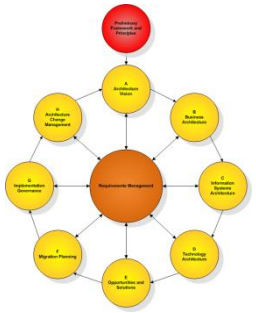
Inputs	Steps	Outputs
• Architecture Principles • Organizational model for EA • Tailored Architecture Framework	Scope the enterprise organizations impacted Confirm governance and support frameworks Define and establish enterprise architecture team and organization Identify and establish architecture principles Select and tailor architecture framework(s) Implement Architecture Tools	• Architecture Principles • Business Principles, Business Goals, and Business Drivers • Organizational model for EA • Request for Architecture Work • Tailored Architecture Framework



ADM Phase A: Architecture Vision

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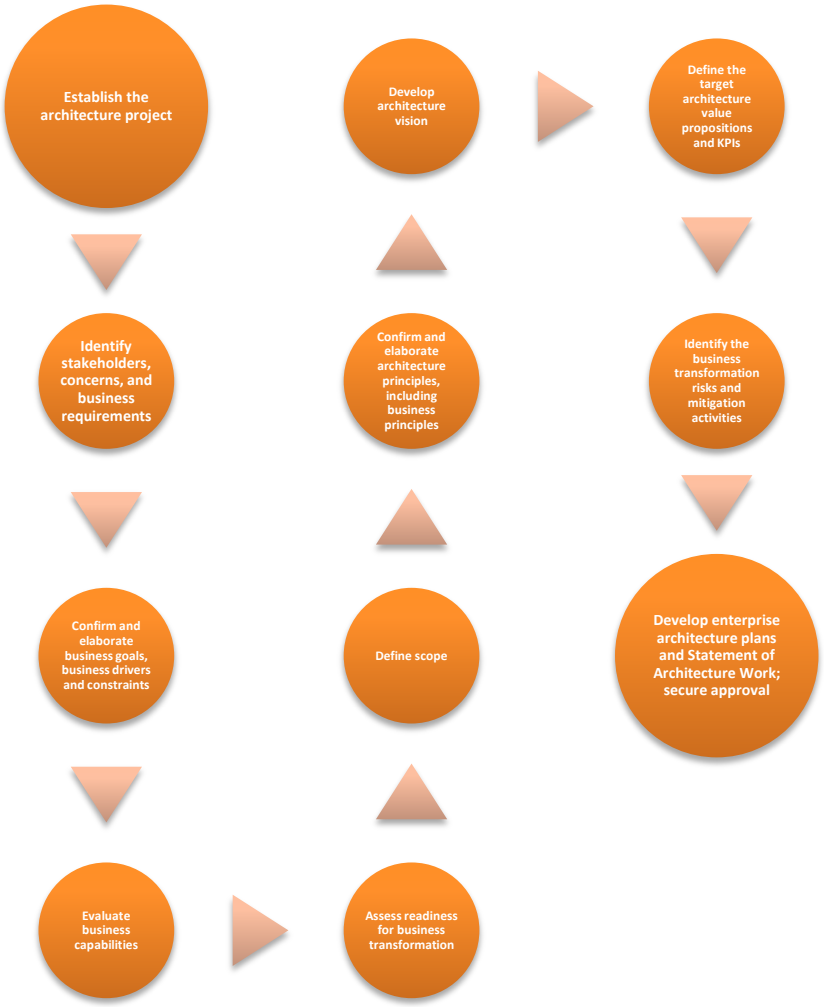
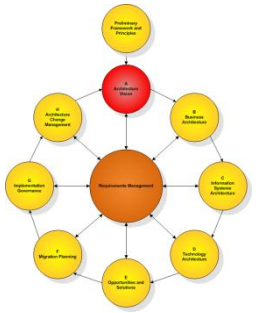
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture Principles
- Architecture Vision
- Business Principles, Business Goals and Business Drivers
- Organizational model for EA
- Request for Architecture Work
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Principles
- Business Principles, Business Goals, and Business Drivers
- Statement of Architecture Work
- Architecture Vision
- Communications Plan
- Capability Assessment
- Tailored Architecture Framework



ADM Phase B: Business Architecture

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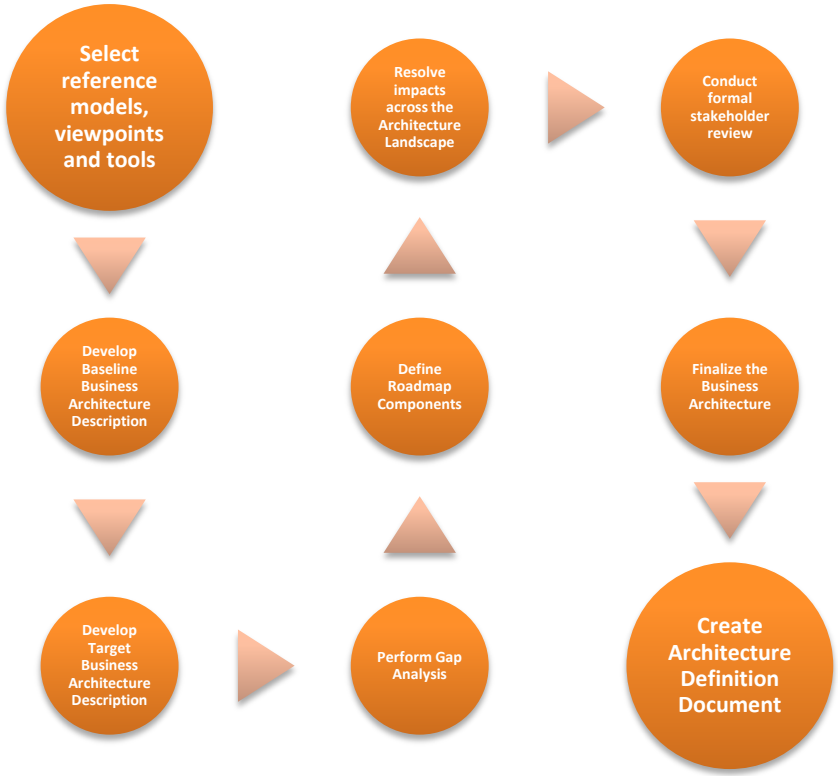
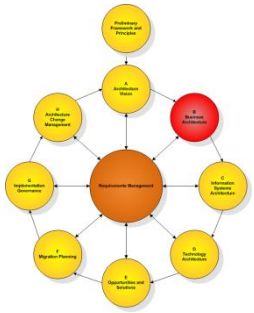
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture principles
- Architecture Vision
- Business Principles, Business Goals and Business Drivers
- Request for Architecture Work
- Capability Assessment
- Communications Plan
- Organization model for EA
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Business Principles, Business Goals and Business Drivers
- Statement of Architecture Work



ADM Phase C: Inf. Systems Architecture

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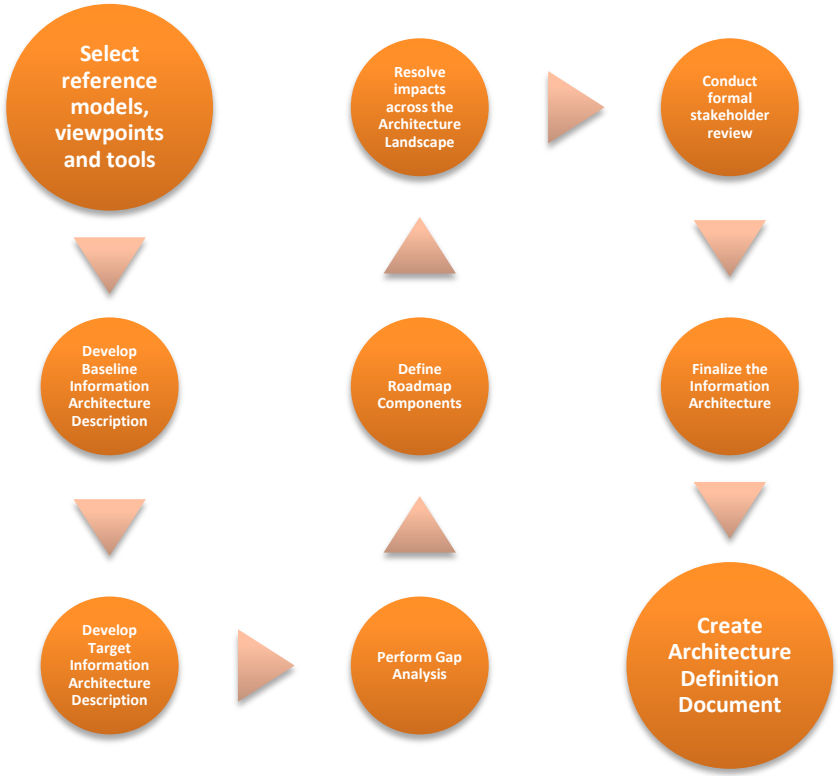
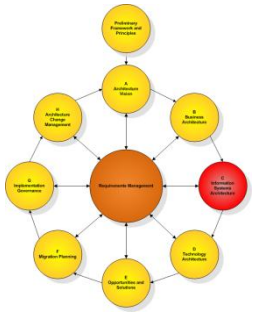
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture Definition Document
- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Request for Architecture Work
- Capability Assessment
- Communications Plan
- Organization Model for EA
- Statement of Architecture Work
- Tailored Architecture Framework

Phase C includes Data Architecture and Application Architecture



- Architecture Definition Document
- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Statement of Architecture Work



ADM Phase D: Technology Architecture

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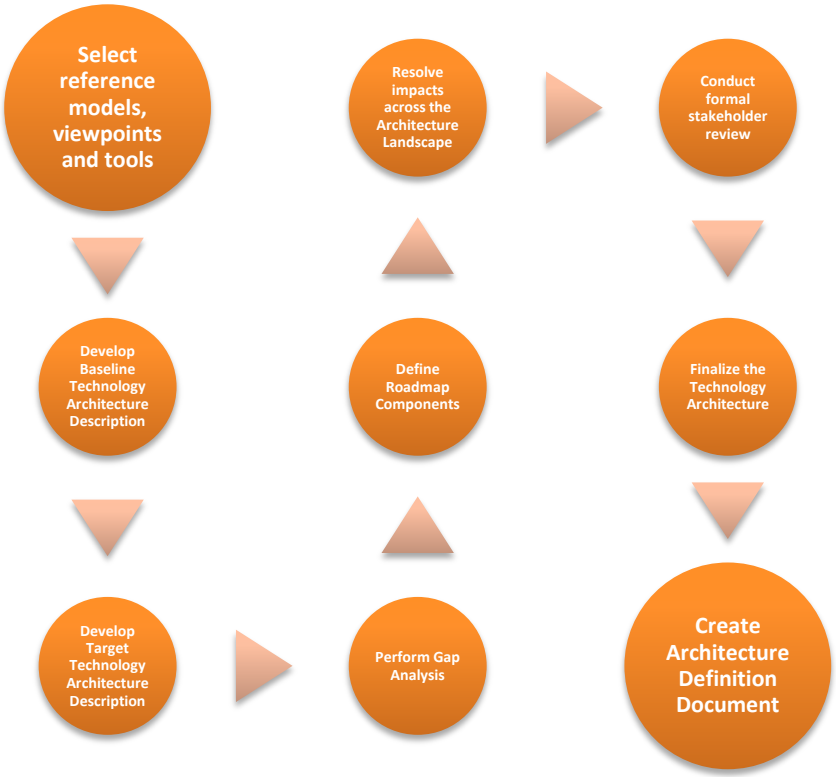
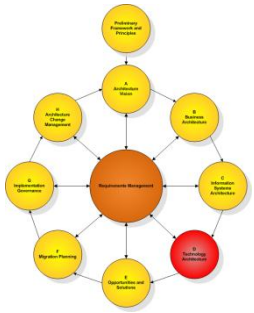
Inputs	Steps	Outputs
• Architecture Building Blocks • Architecture Definition Document • Architecture Principles • Architecture Requirements Specification • Architecture Roadmap • Architecture Vision • Capability Assessment • Communications Plan • Organizational model for EA • Statement of Architecture Work • Tailored Architecture Framework		• Architecture Definition Document • Architecture Principles • Architecture Requirements Specification • Architecture Roadmap • Statement of Architecture Work





ADM Phase E: Opportunities and Solutions

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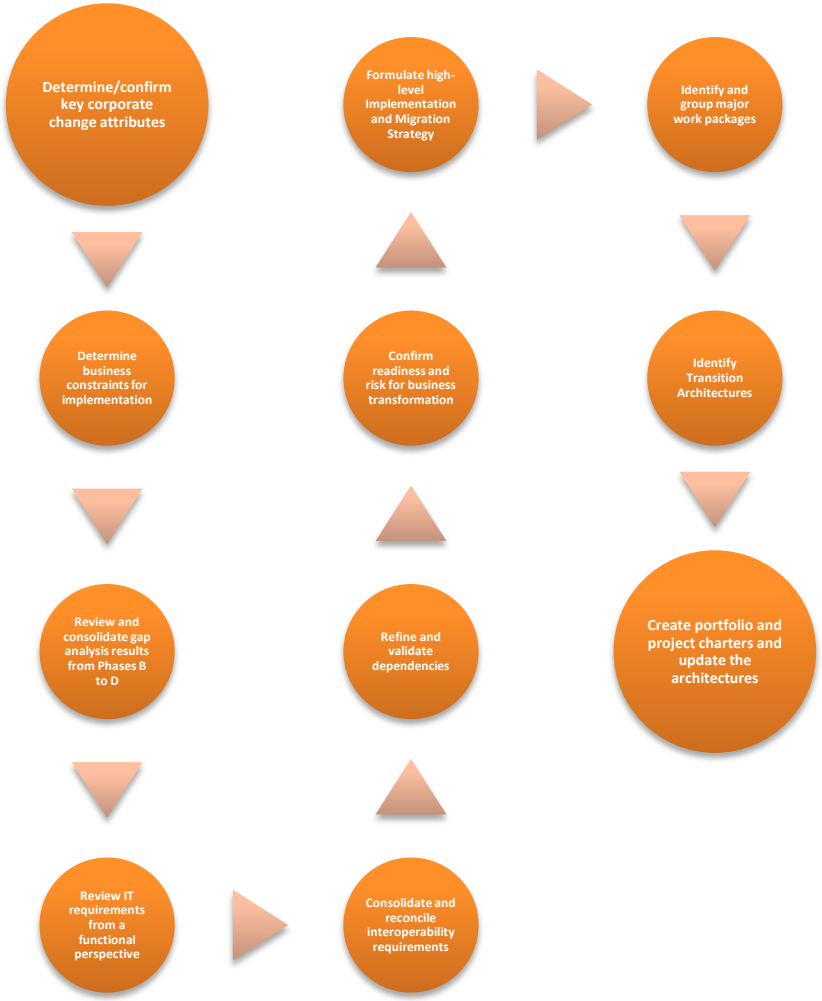
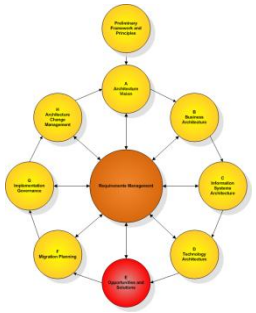
Inputs	Steps	Outputs

- Architecture Definition Document
- Architecture Principles
- Architecture Roadmap
- Architecture Vision
- Capability Assessment
- Communications Plan
- Organizational model for EA
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Requirements Specification
- Architecture Roadmap
- Capability Assessment
- Implementation and Migration Plan
- Transition Architecture



ADM Phase F: Migration Planning

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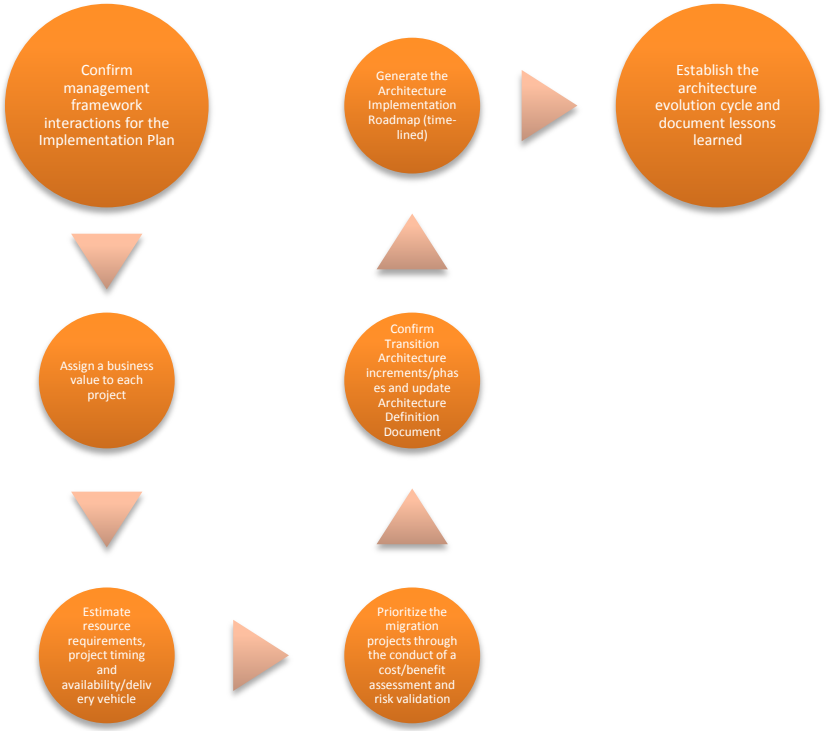
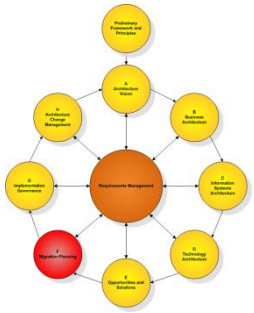
Inputs	Steps	Outputs

- Architecture Principles
- Architecture Roadmap
- Architecture Vision
- Capability Assessment
- Communications Plan
- Organizational model for EA
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Building Blocks
- Architecture Contract
- Architecture Requirements Specification
- Architecture Roadmap
- Implementation and Migration Plan
- Request for Architecture Work
- Transition Architecture



ADM Phase G: Implementation Governance

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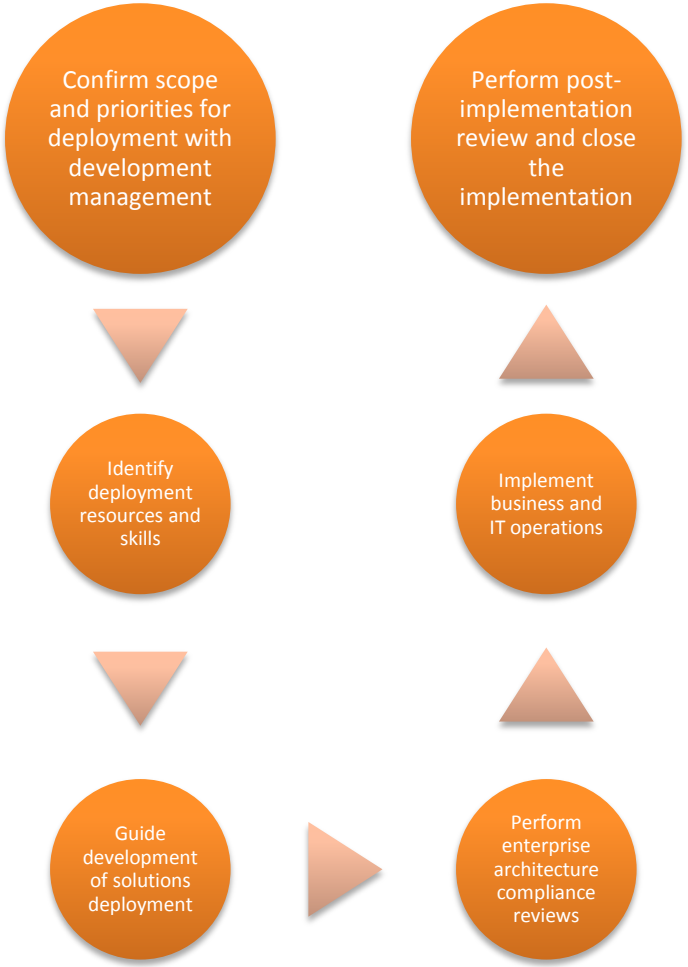
Inputs	Steps	Outputs

Inputs

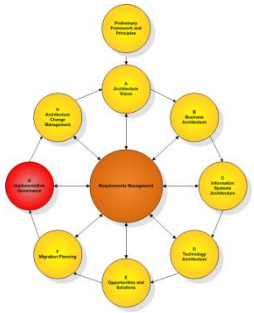
- Architecture Contract
- Architecture Definition Document
- Architecture Principles
- Architecture Roadmap
- Architecture Vision
- Implementation Governance model
- Organizational model for EA
- Request for Architecture Work
- Statement of Architecture Work
- Tailored Architecture Framework
- Transition Architecture

Steps



Outputs

- Compliance Assessment
- Solution Building Blocks



ADM Phase H: Change Management

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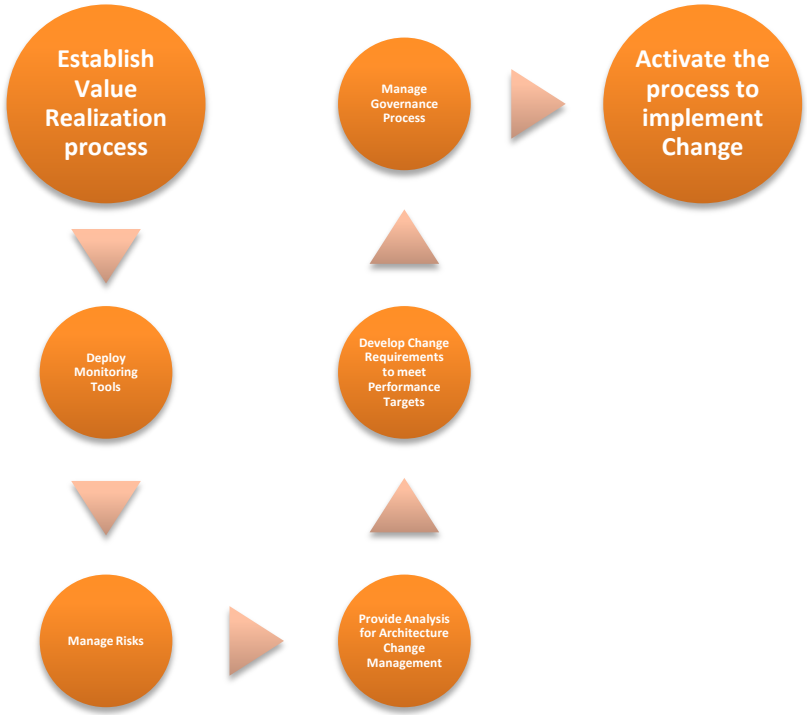
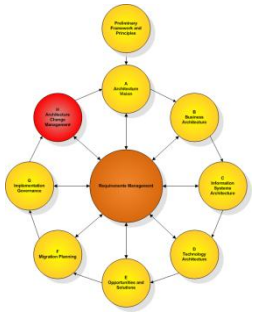
Inputs	Steps	Outputs

- Architecture Definition Document
- Architecture Principles
- Architecture Roadmap
- Architecture Vision
- Compliance Assessment
- Implementation Governance model
- Organizational model for EA
- Statement of Architecture Work
- Tailored Architecture Framework
- Transition Architecture



- Architecture Building Blocks
- Requirements Impact Assessment



ADM Phase: Requirements Management

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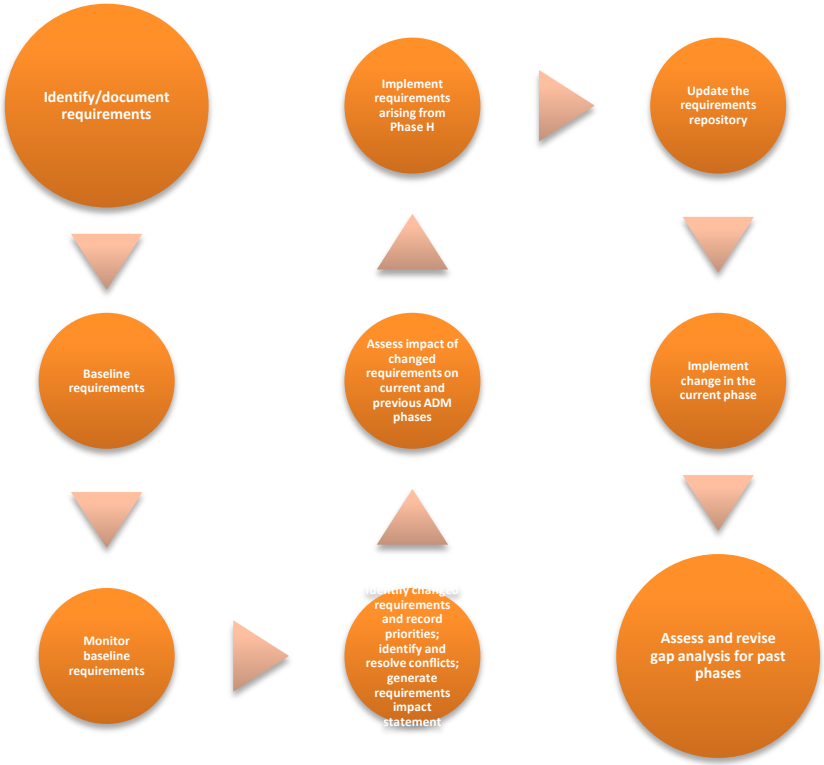
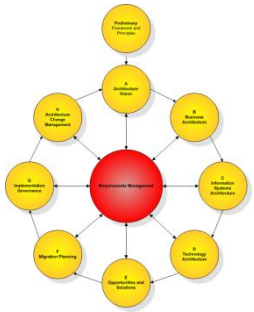
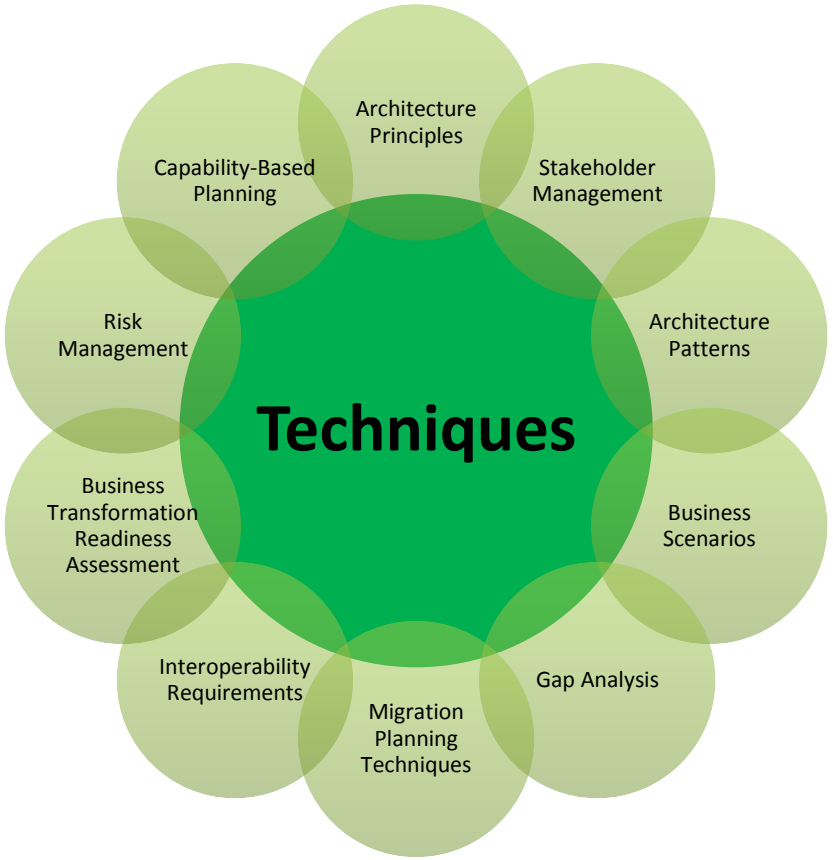
Inputs	Steps	Outputs
• The Inputs to the Requirement Management process are the requirements-related outputs from each ADM phase • The first high-level requirements are produced as part of the Architecture Vision		• Changed Requirements • Requirements Impact Assessment



GUIDELINES for Adapting the ADM Process



TECHNIQUES for Architecture Development

Technique: Stakeholder Analysis

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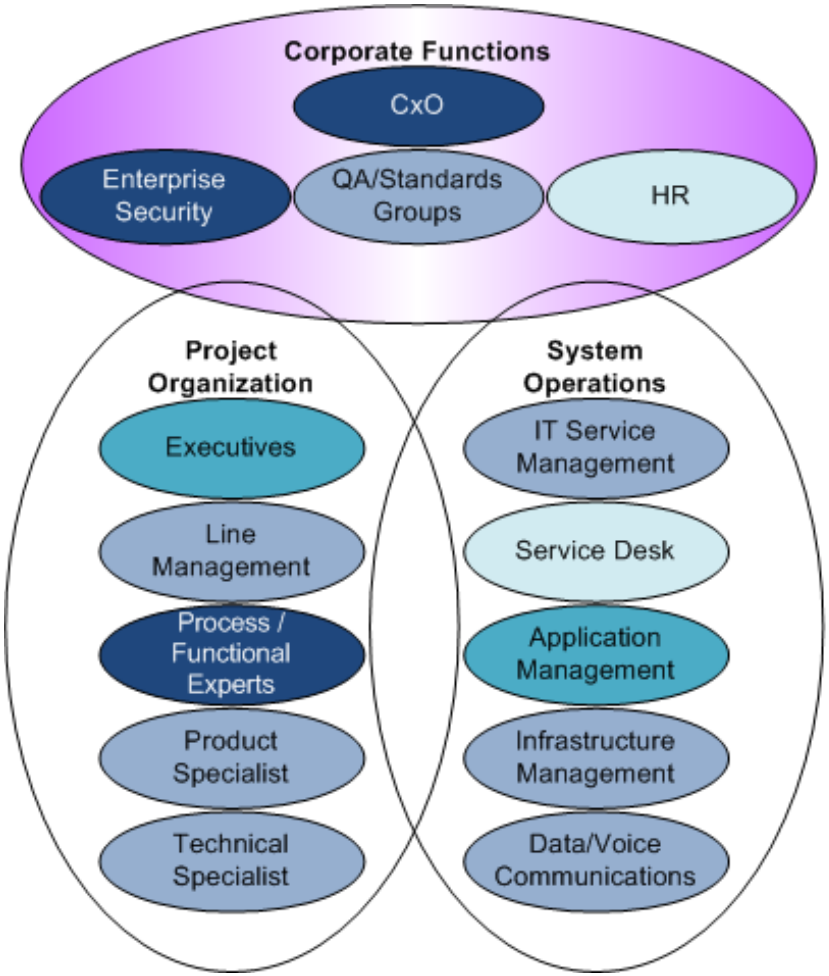
WIN SUPPORT from Stakehoders

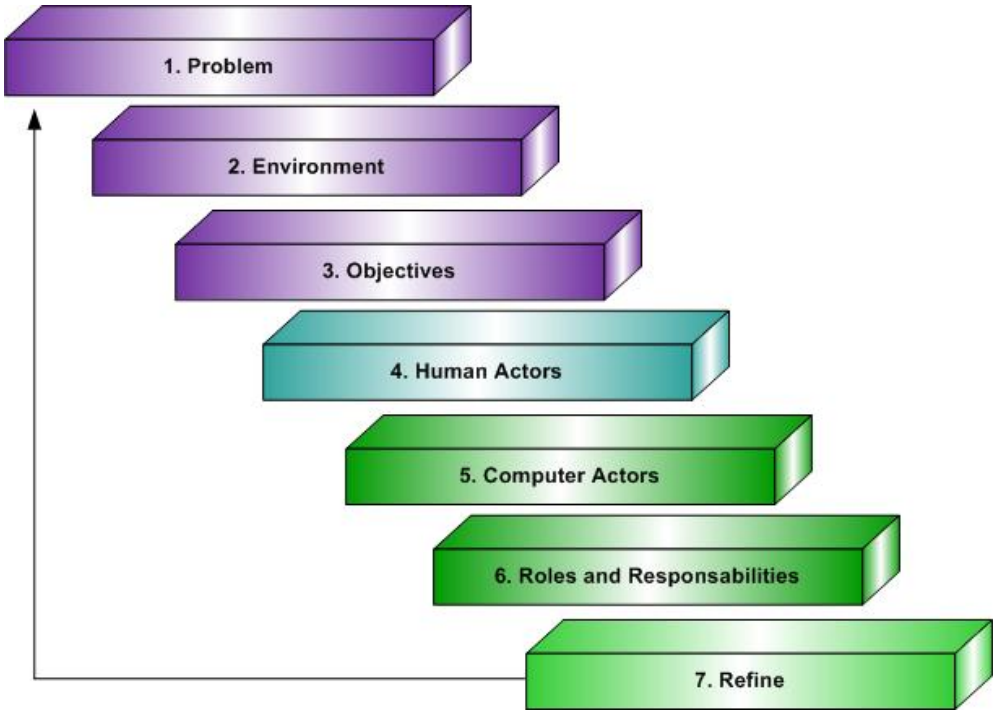


Method within a Method to…

IDENTIFY

Business requirements

ARTICULATE



Technique: Capability Based Planning

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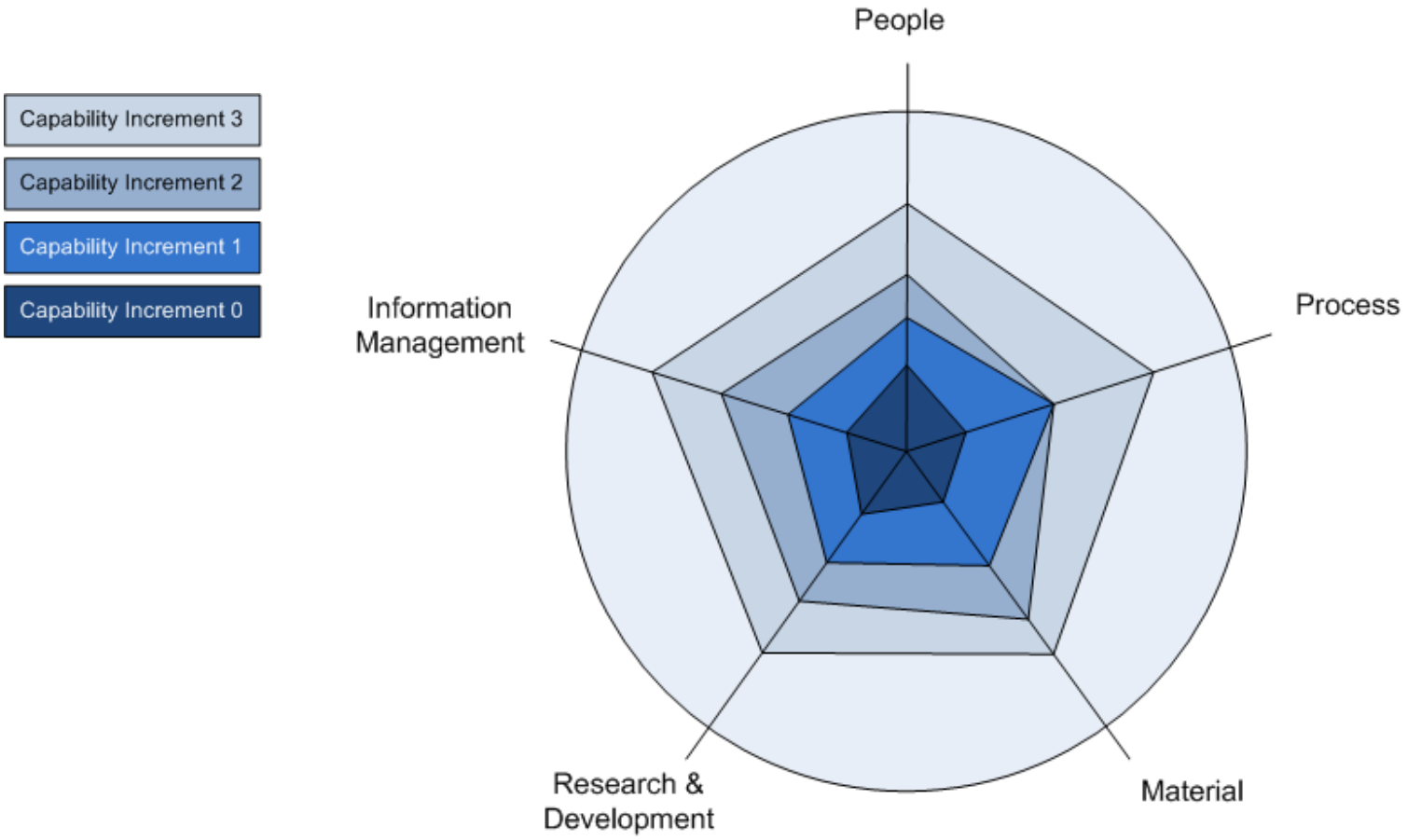
Manage CAPABILITIES of the enterprise



Technique: Architecture Partitioning

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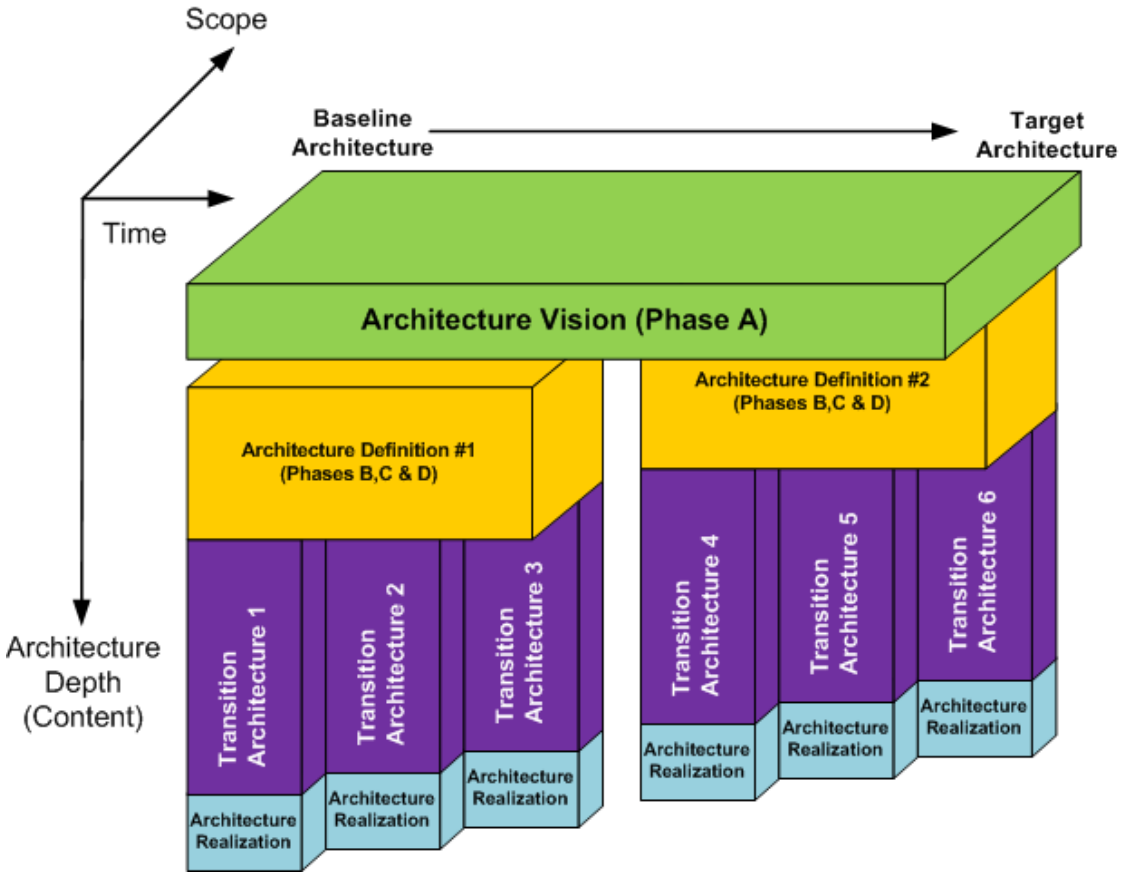
Break into Bite-Size Chunks

ENTERPRISE SCOPE

ARCHITECTURE DOMAINS

LEVEL OF DETAIL

PROJECT SCHEDULES



Architecture Content Framework

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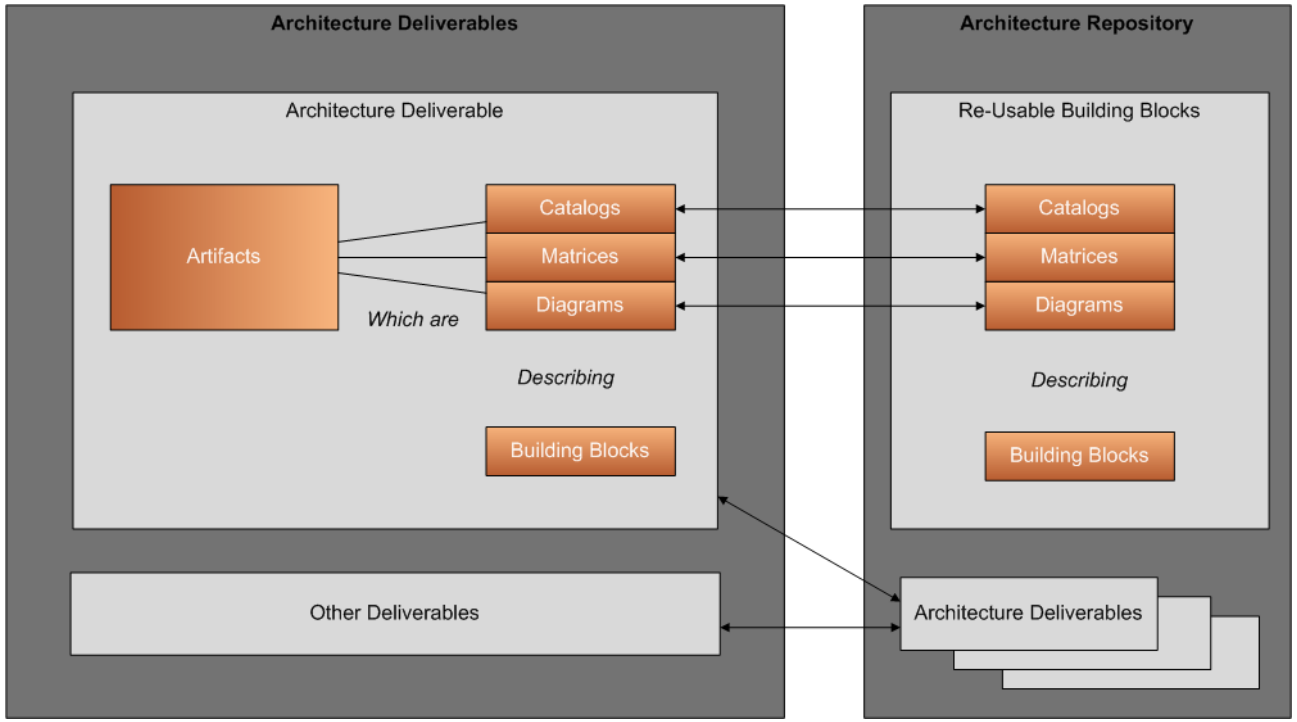
Description of Architectural Work Products

DELIVERABLES

ARTIFACTS

BUILDING BLOCKS

RELATIONSHIPS



Content Metamodel

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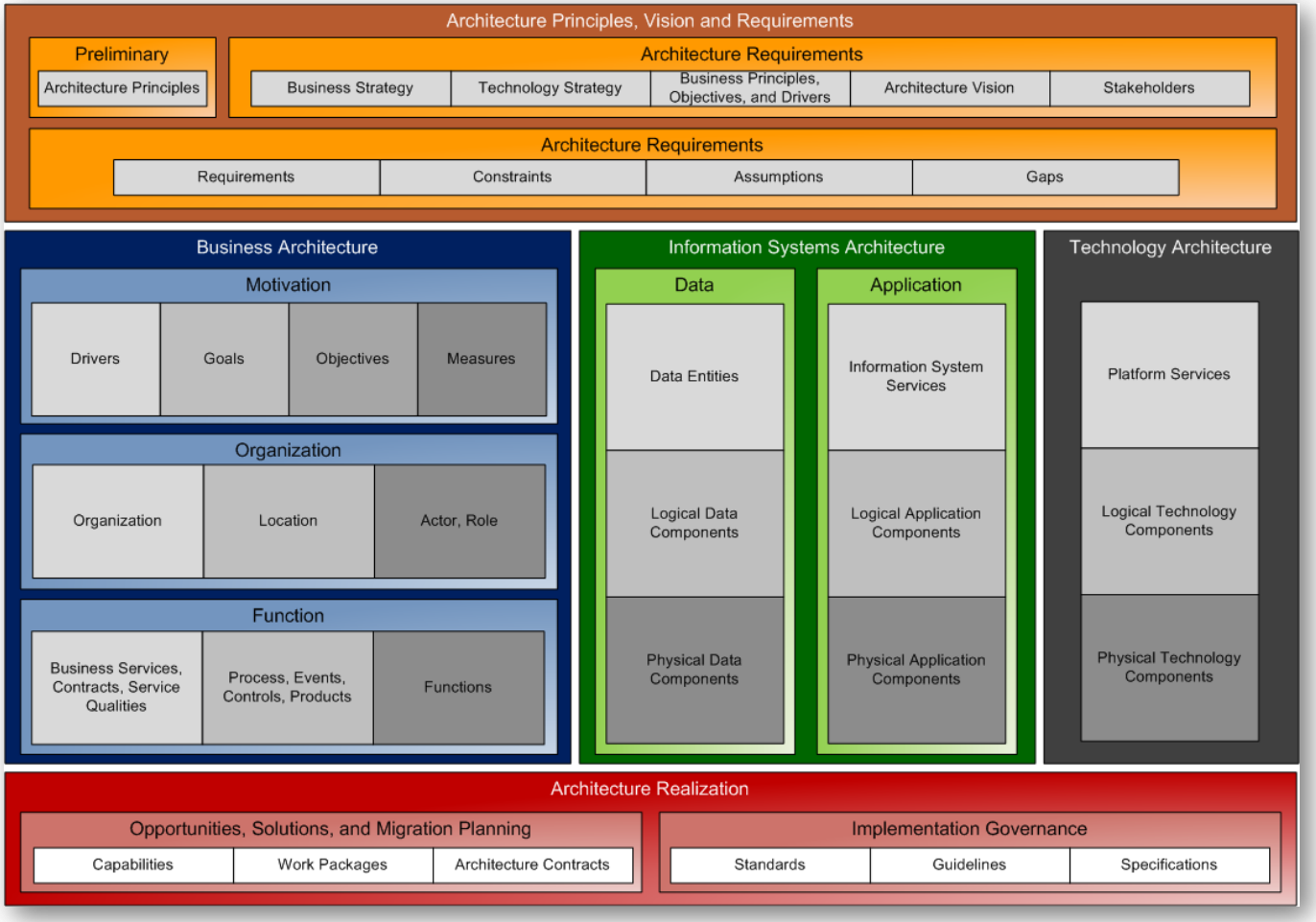
Definition of Building Blocks and Relationships



Content Metamodel Broken Down

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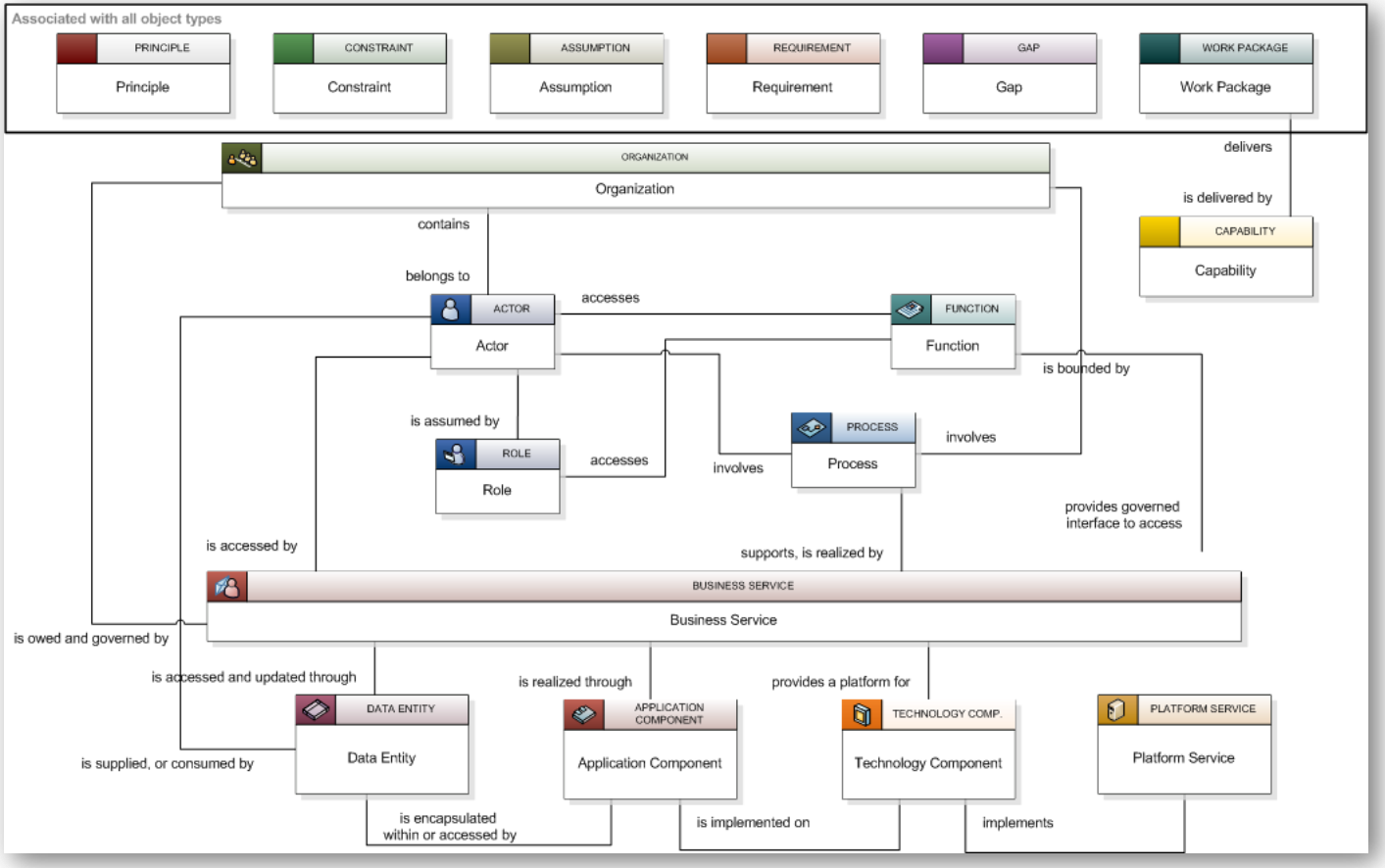
Entities and their Interactions

Select and Customize…



Viewpoints and Views

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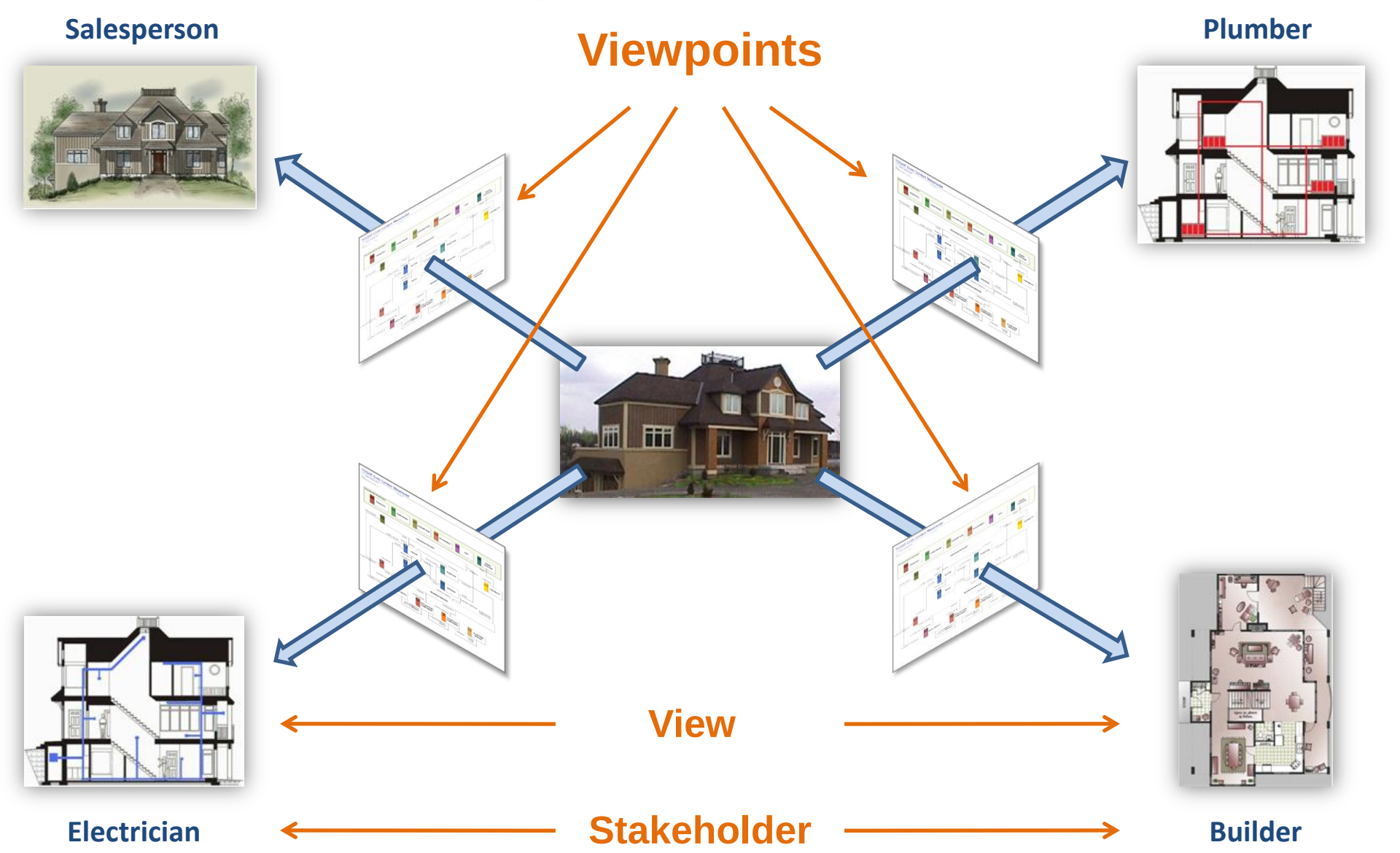
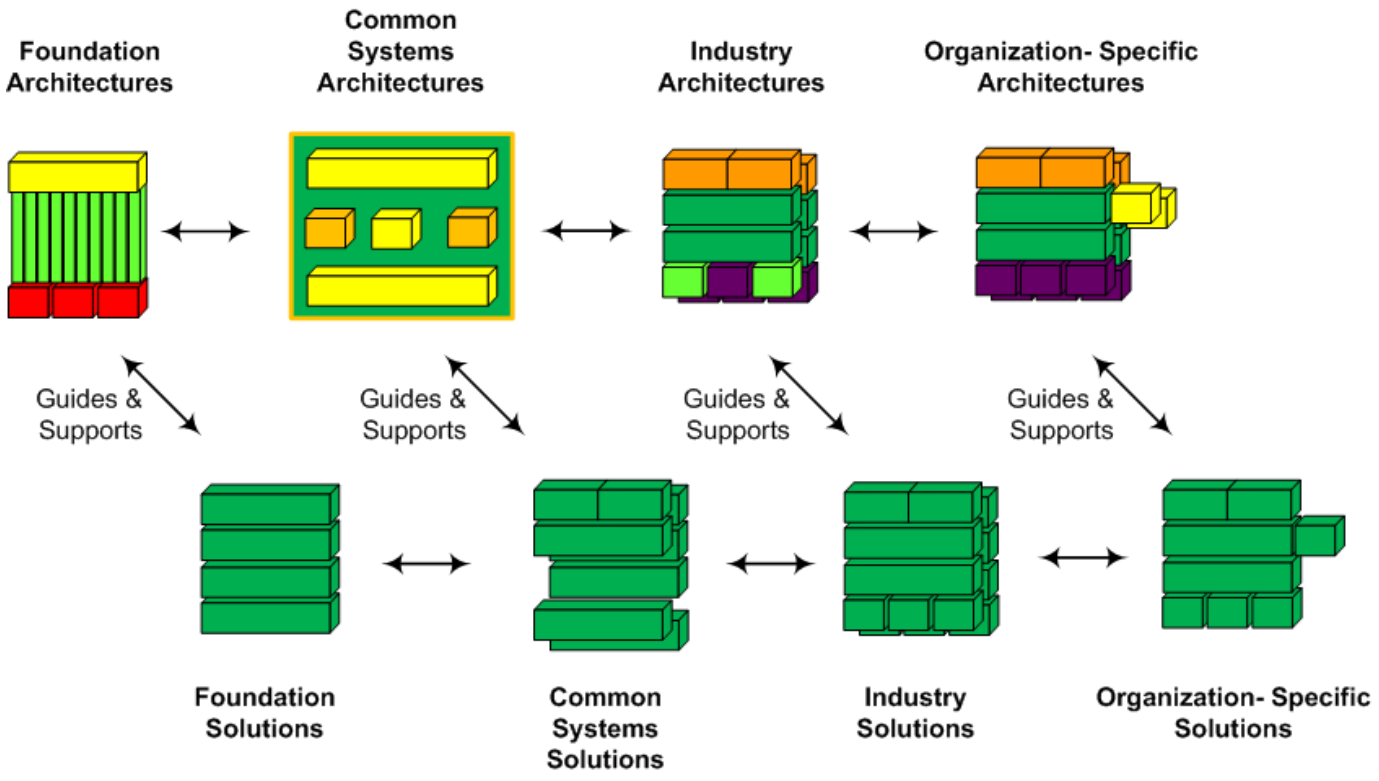
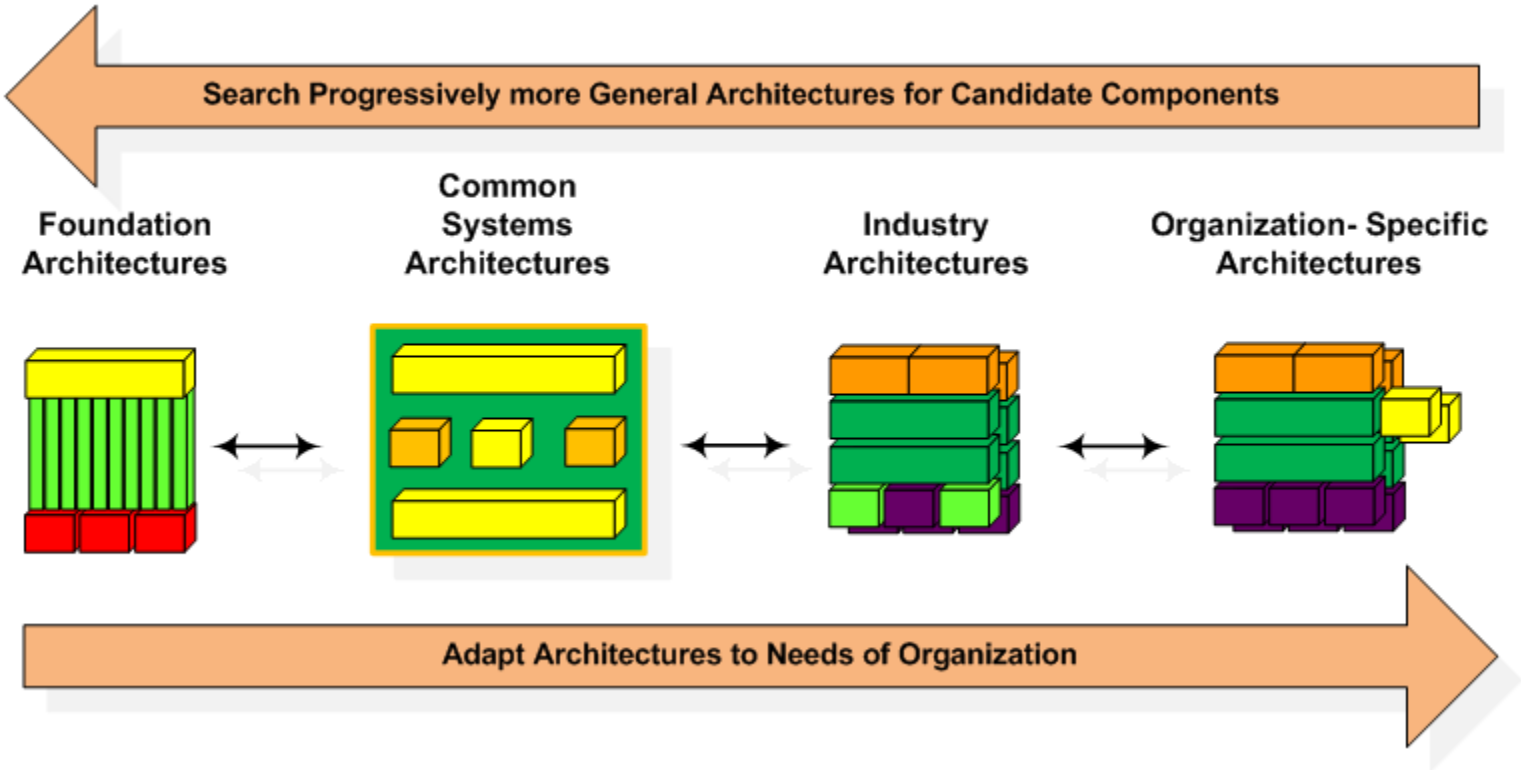


A Classification Framework



Architecture Continuum



Solutions Continuum

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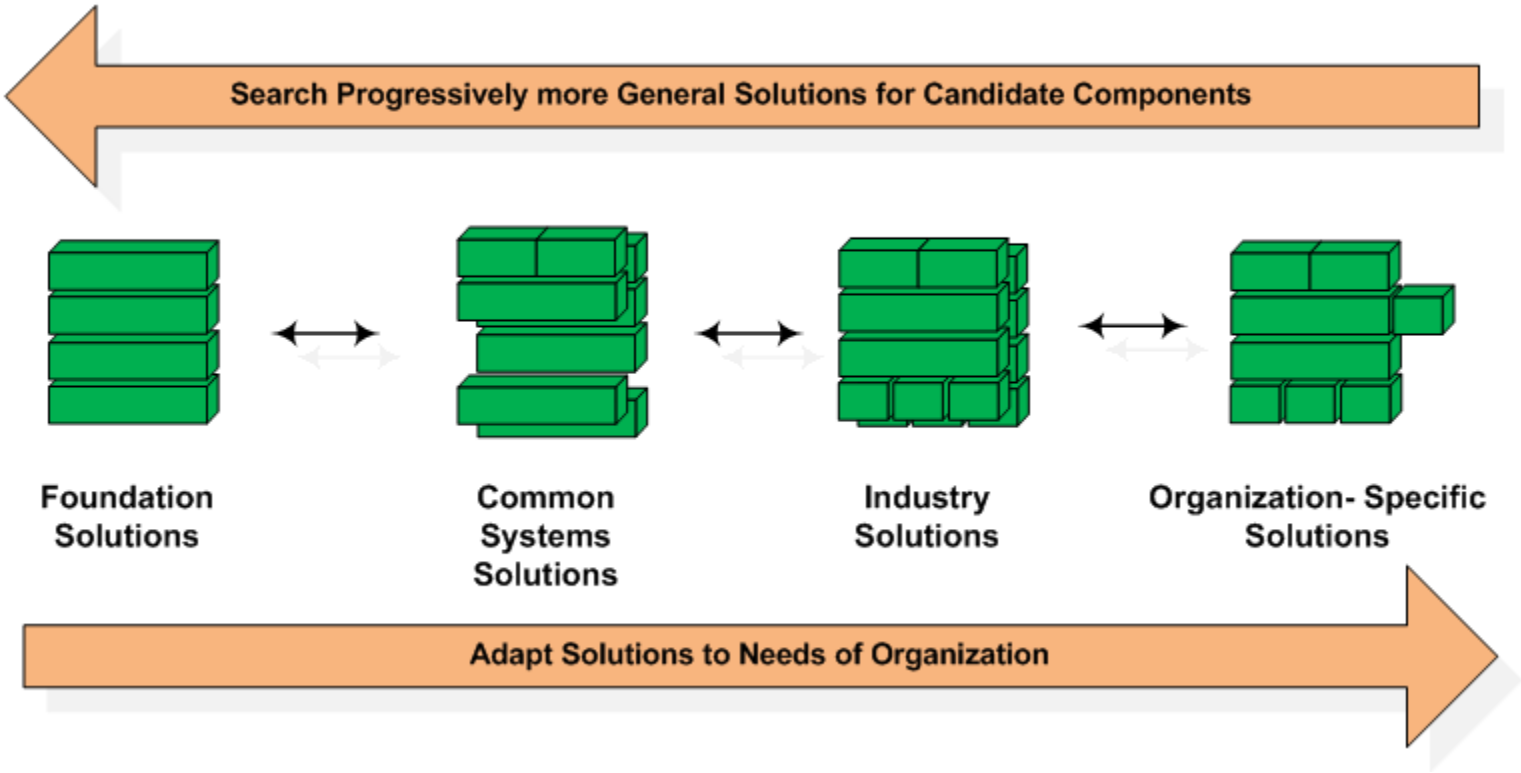
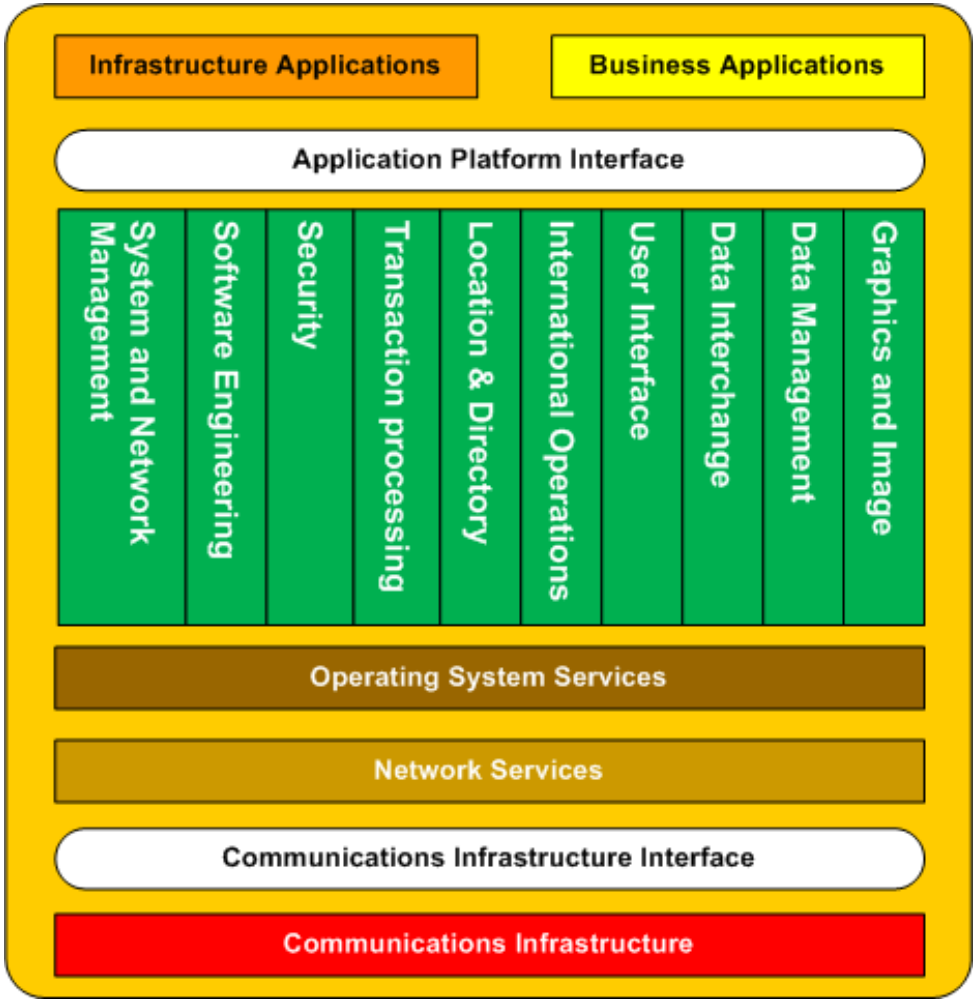


Technical Reference Model

A MODEL AND TAXONOMY

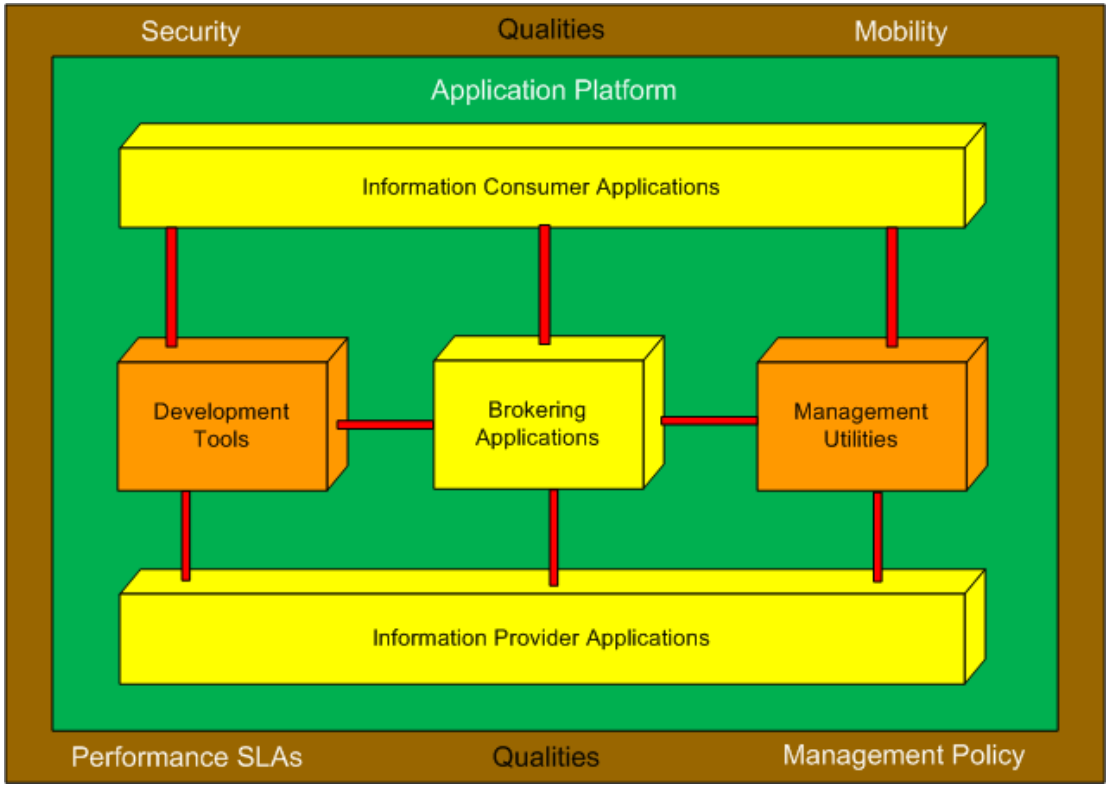
of generic platform services



Integrated Information Infrastructure Reference Model

MODEL for business applications

and infrastructure applications



Architecture Capability Framework

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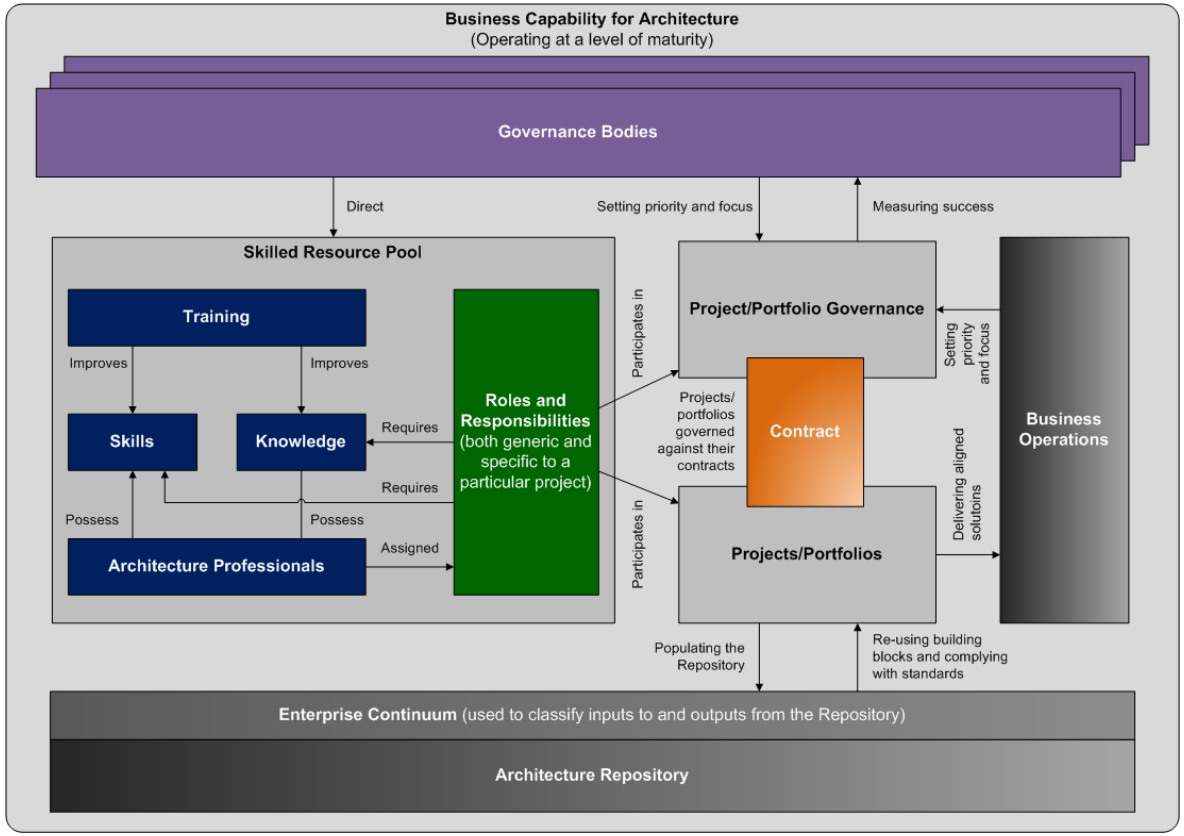
Structured Definition

HOW *to establish an Enterprise Architecture Function*

WHO – *Organizations*

WHAT – *Skills, Roles*



Architecture Governance

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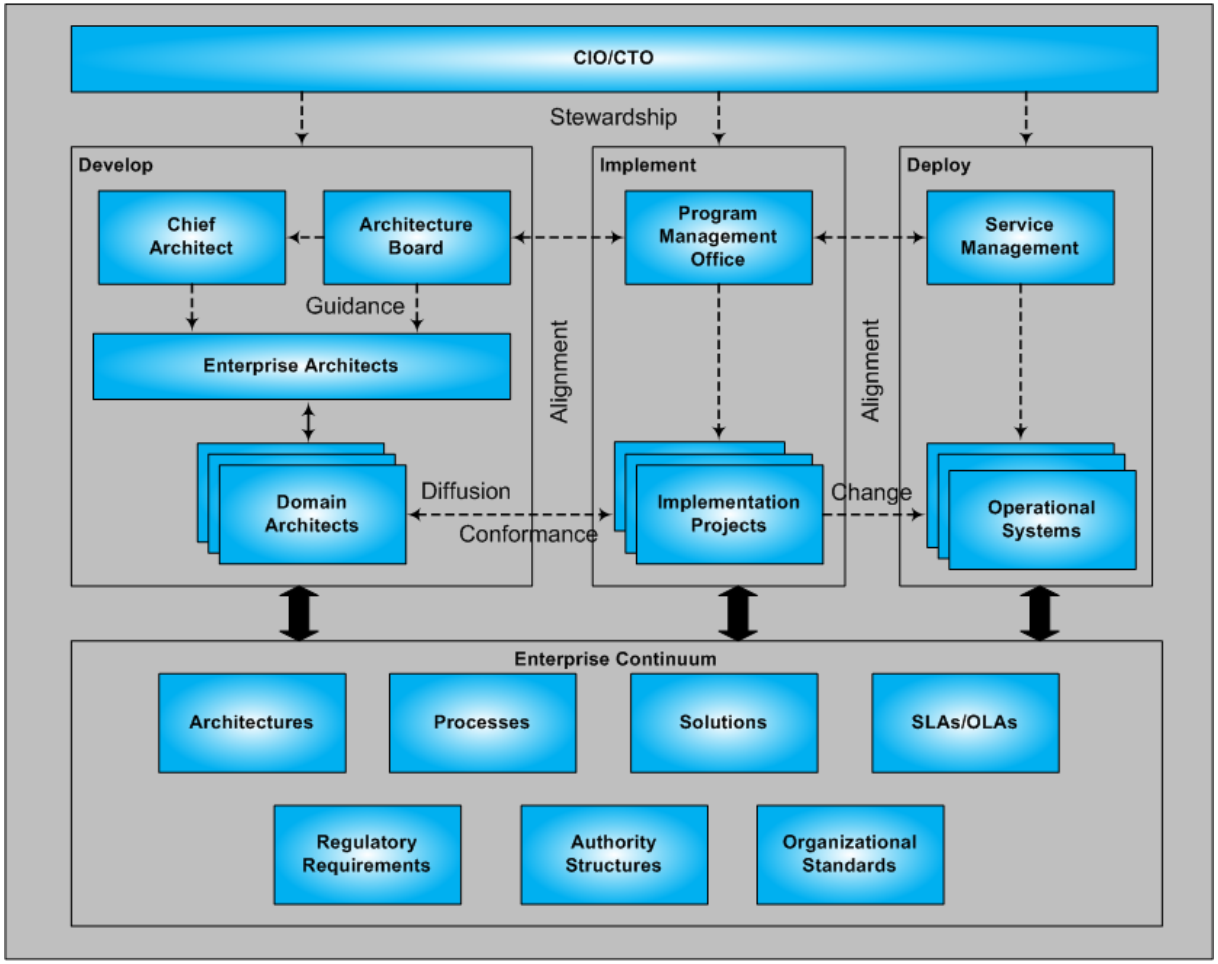
Creation and Monitoring of Architectural Components

GUIDANCE

EFFECTIVE?

EQUITABLE?

SUSTAINABLE?



Architecture Compliance Levels

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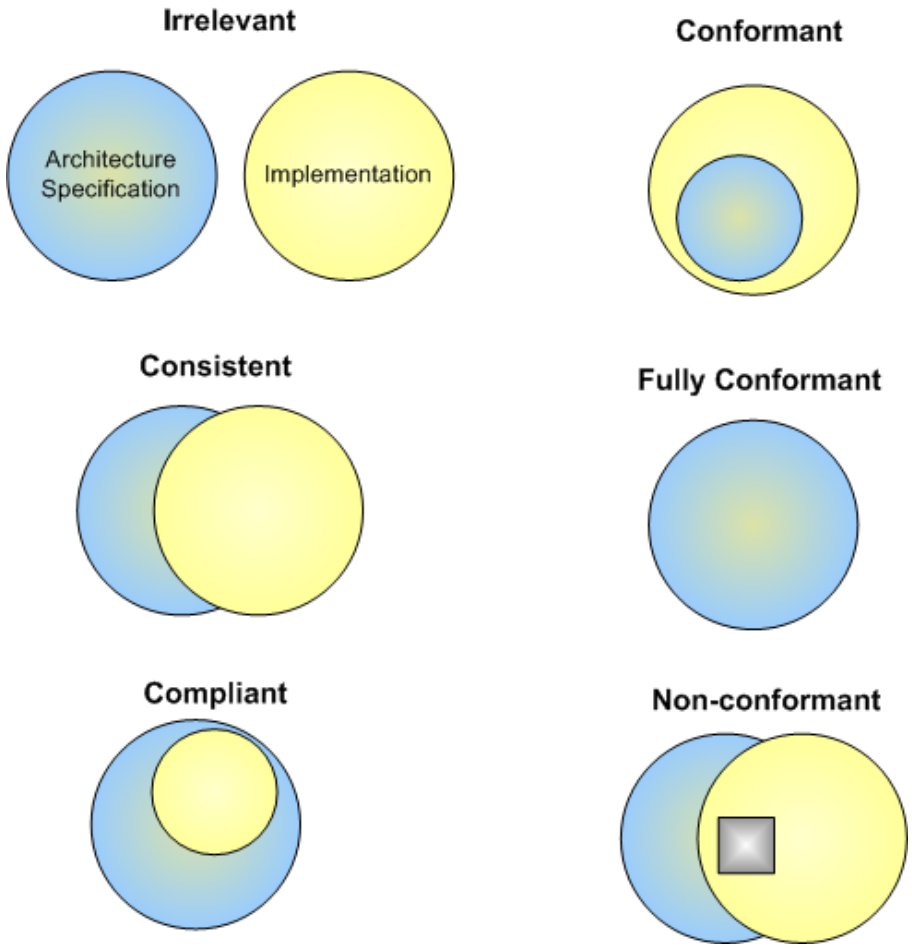
Compliance of Projects

ESSENTIAL *part of architecture governance*

FORMULATE *IT compliance Strategy*



Architecture Skills Framework

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Define

ROLES
SKILLS
EXPERIENCE

Roles	Enterprise Architecture Business	Program / Project Manager	IT Designer
Architecture Views & Viewpoints Design	4	2	2
Building Block Design	4	2	3
Solutions Modelling	4	2	3
Benefits Analysis	4	4	2
Business Interworking	4	3	1
Systems Behaviour	3	3	2
Project Management	3	4	2

Measure

STAFF DEVELOPMENT
RIGHT FIT

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The Modules of TOGAF9

The ADM
Steps to Develop an Enterprise Architecture

ADM Guidelines and Techniques
Support application of the ADM

Architecture Content Framework
Detailed model of architectural work products

The Enterprise Continuum
Model for structuring a virtual repository, classification framework

TOGAF Reference Models
Technical Reference Model; Integrated Information Infrastructure Reference Model

The Architecture Capability Framework
Structured definition of organizations, roles and responsibilities to establish and operate an Enterprise Architecture

Get a Live Product Demonstration

For a more information on TOGAF9 and its application in the iServer TOGAF9 Quick Start Solution, register for an iServer Demonstration.

A web demonstration is free and will only take an hour of your time!

One of our experienced process consultants can demonstrate the software to you using a repository based on the TOGAF9 Framework.

To book your demo, please send us an email and we will contact you to build your meeting agenda.