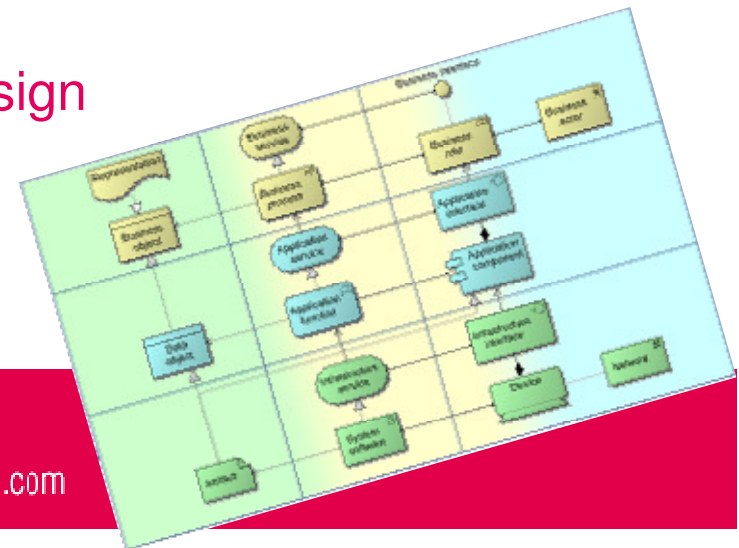


Building strong organizations

Case presentation TOGAF® and ArchiMate® for Successful Enterprise Architecture

April, 2012

Henry Franken - BiZZdesign



BiZZdesign

www.bizzdesign.com

▶ Henry Franken



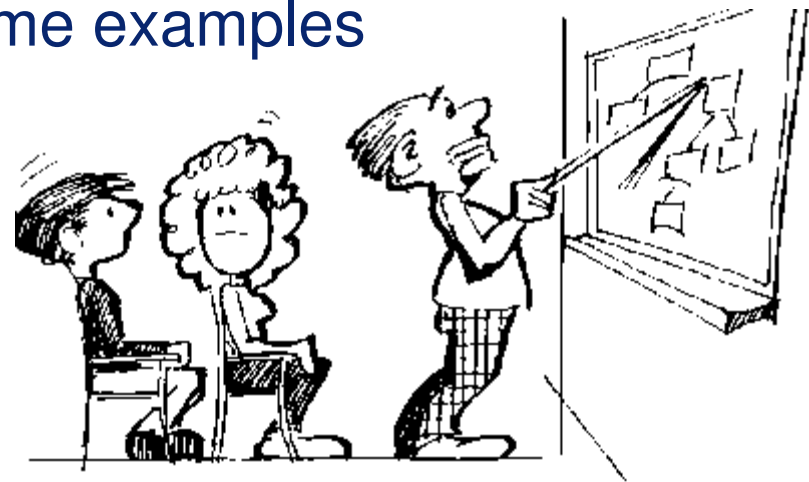
- ▶ 45 years old, M.Sc. & Ph.D. (cum laude)
- ▶ Happy in life 😊
- ▶ Co-founder & manager of BiZZdesign
- ▶ Chair of the ArchiMate Forum at The Open Group
- ▶ At BiZZdesign, is responsible for research and innovation. Alignment with and contribution to open standards are key

▶ Who is BiZZdesign

- ▶ BiZZdesign offers complete and integrated solutions (tools, methods, consultancy and training) to design and improve organizations.
 - ▶ Business Model Innovation, Enterprise Architecture, Business Requirements Management and Business Process Analysis and Management are important ingredients in the solutions.
- ▶ Contributed to and edited the ArchiMate 2 specification.
- ▶ Involved in the work group working towards the next version of TOGAF® and its alignment with ArchiMate®.
- ▶ BiZZdesign offers native tooling, consultancy and certified training courses for TOGAF and ArchiMate.

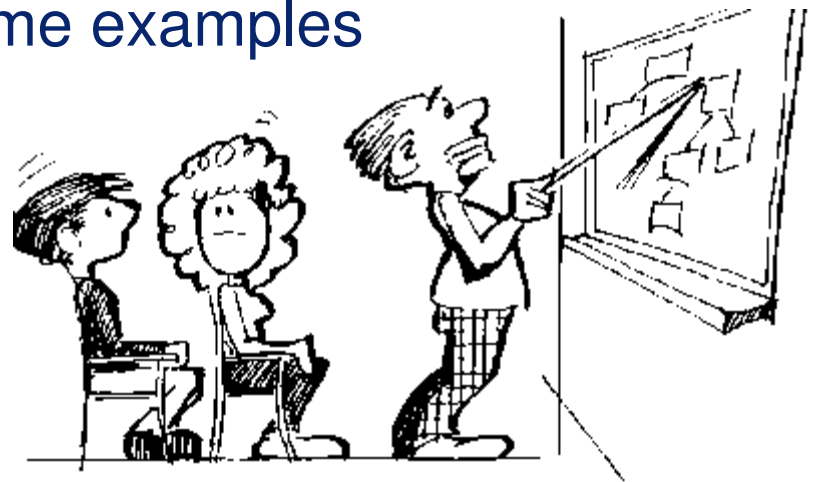
▶ Agenda

- ▶ ArchiSurance case study
- ▶ Ingredients of an Enterprise Architecture approach
- ▶ The ArchiMate 2.0 language
 - ▶ ArchiMate Core
 - ▶ Extensions
- ▶ Models throughout the ADM – some examples
- ▶ Benefits & Conclusions
- ▶ We have 35 minutes so it will be an introduction - slides available!

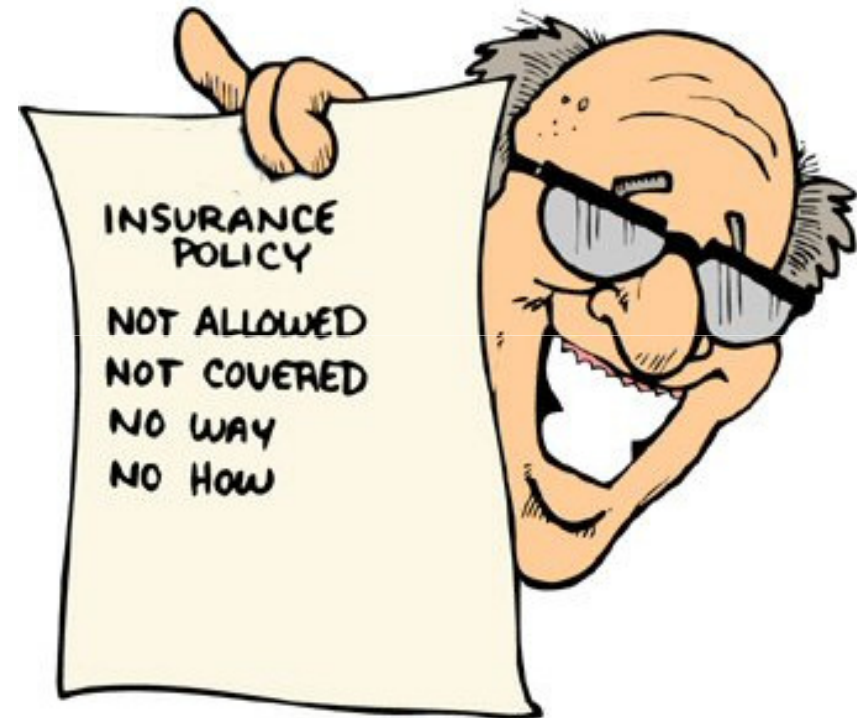


▶ Agenda

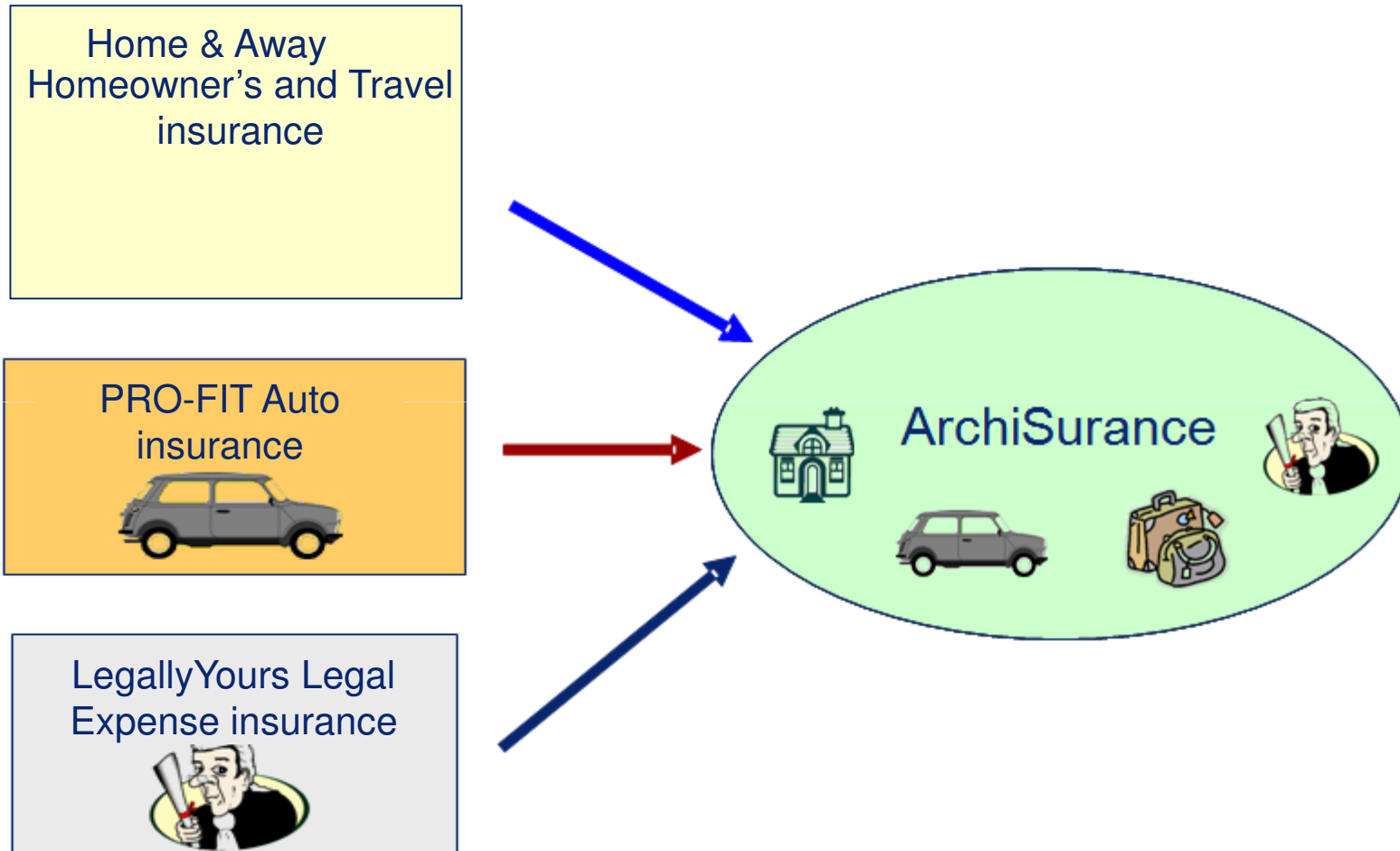
- ▶ **ArchiSurance case study**
- ▶ Ingredients of an Enterprise Architecture approach
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 - ▶ Extensions
- ▶ Models throughout the ADM – some examples
- ▶ Benefits & Conclusions
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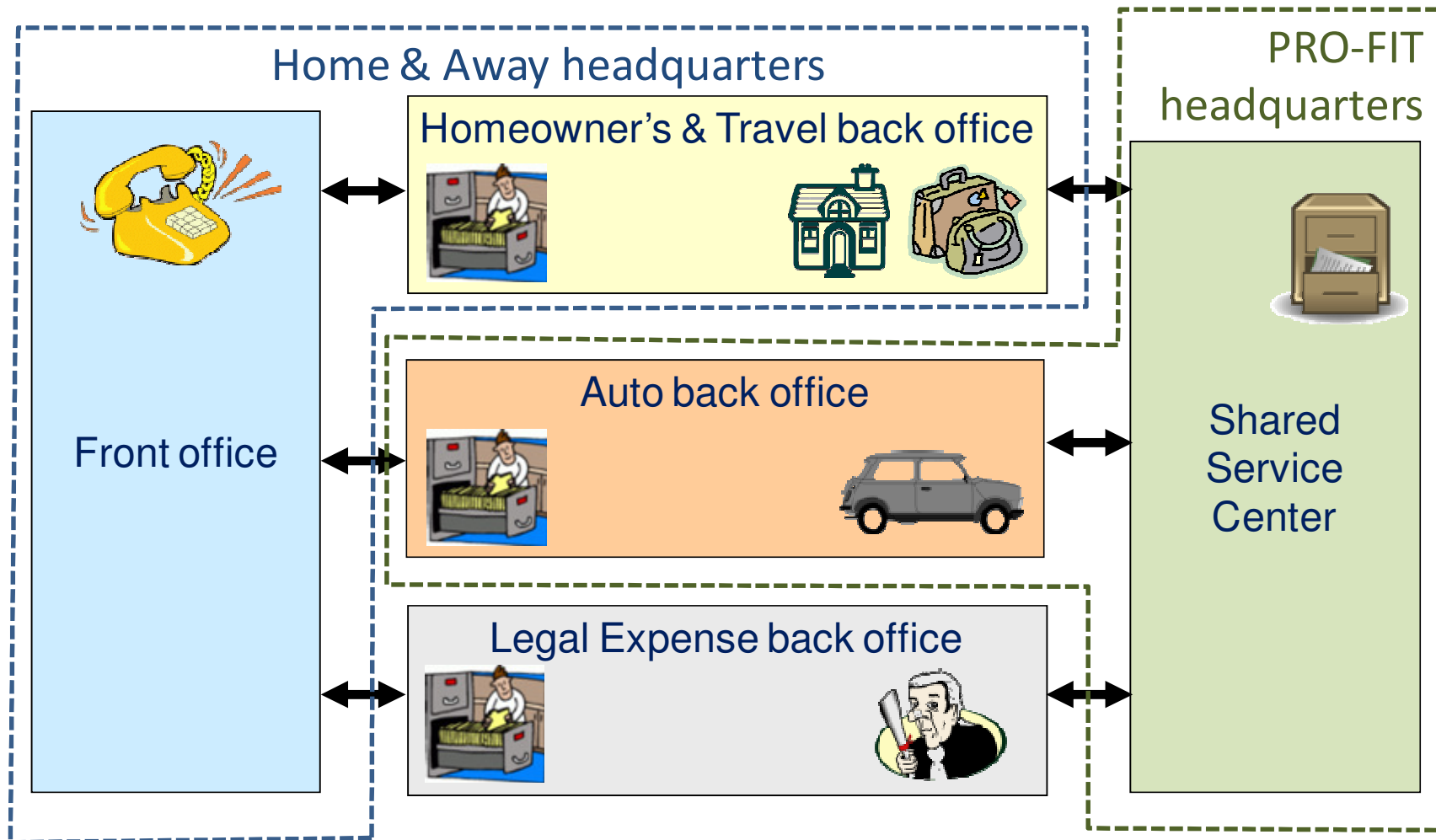
▶ ArchiSurance



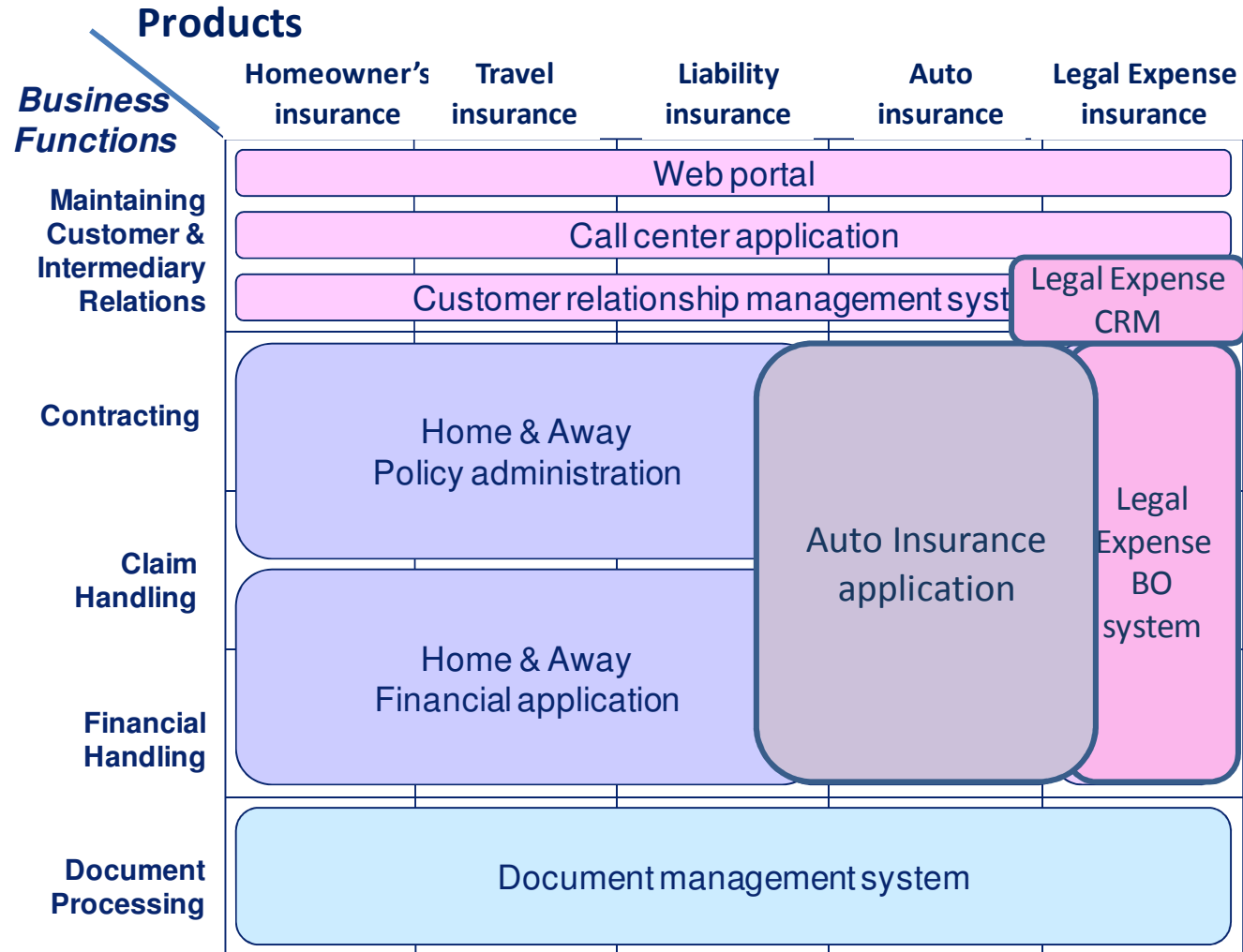
▶ The merger company: ArchiSurance



▶ Structure of the New Company

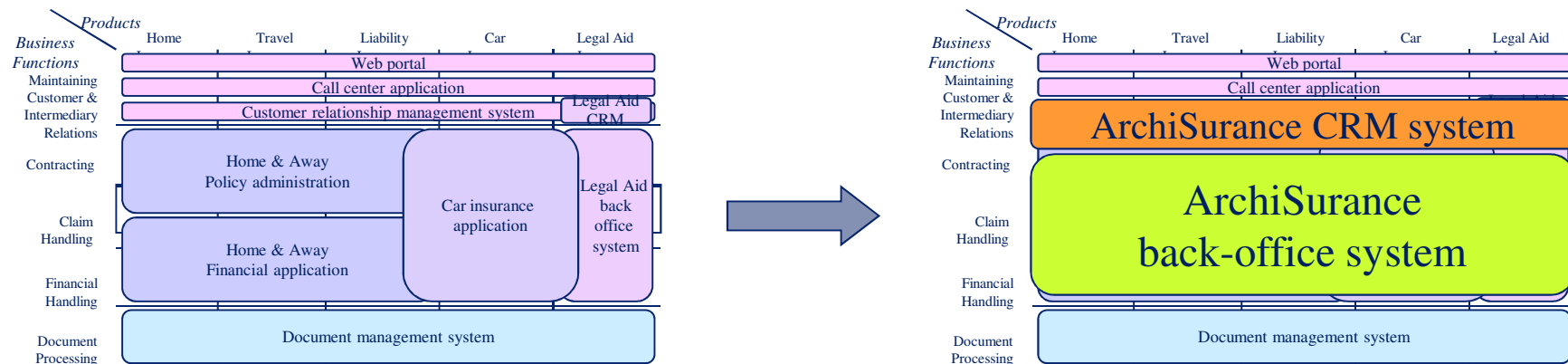


▶ Merger creates fragmented IT Landscape...



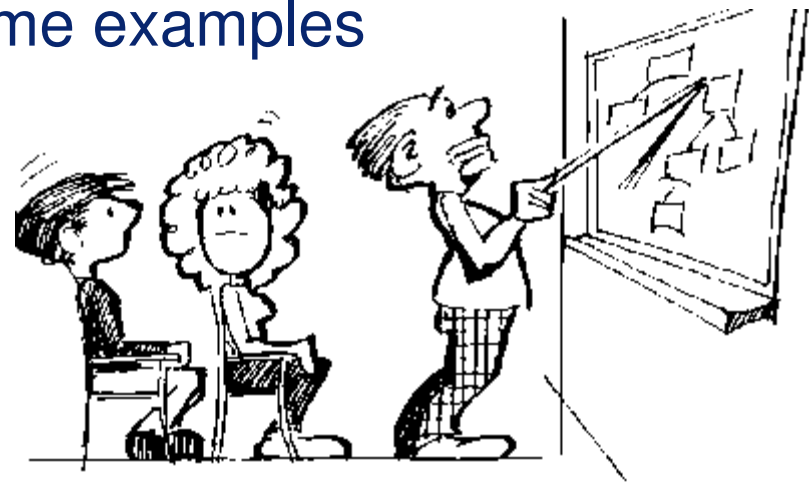
▶ Change Scenario

- ▶ Migrate to a single back-office suite for the three back-offices.
- ▶ This system will replace:
 - ▶ The Policy administration system and Financial application of the Home & Away back-office
 - ▶ The Auto insurance application
 - ▶ The Legal Expense back-office system
- ▶ Migrate to a shared CRM system

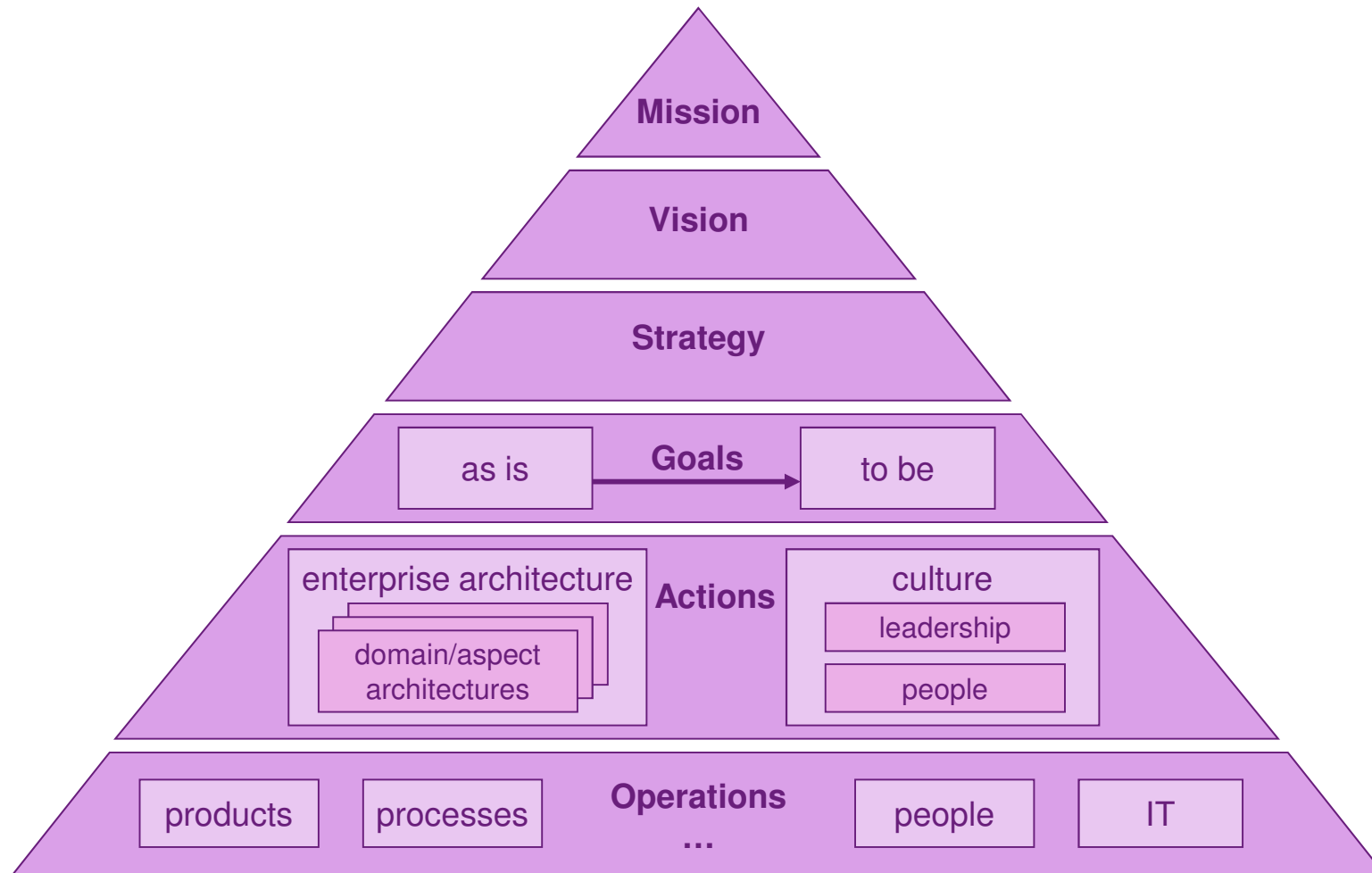


▶ Agenda

- ▶ ArchiSurance case study
- ▶ **Ingredients of an Enterprise Architecture approach**
- ▶ The ArchiMate 2.0 language
 - ▶ ArchiMate Core
 - ▶ Extensions
- ▶ Models throughout the ADM – some examples
- ▶ Benefits & Conclusions
- ▶ We have 35 minutes so it will be an introduction - slides available!



▶ How about Enterprise Architecture!

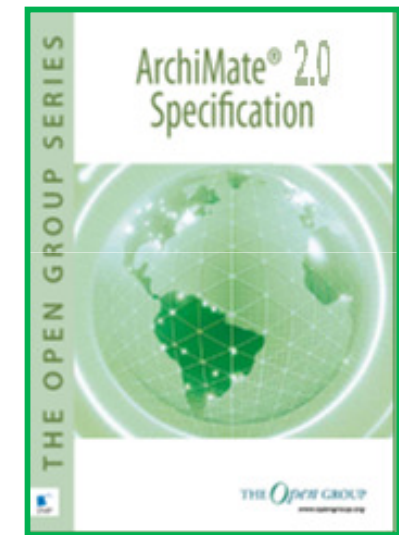
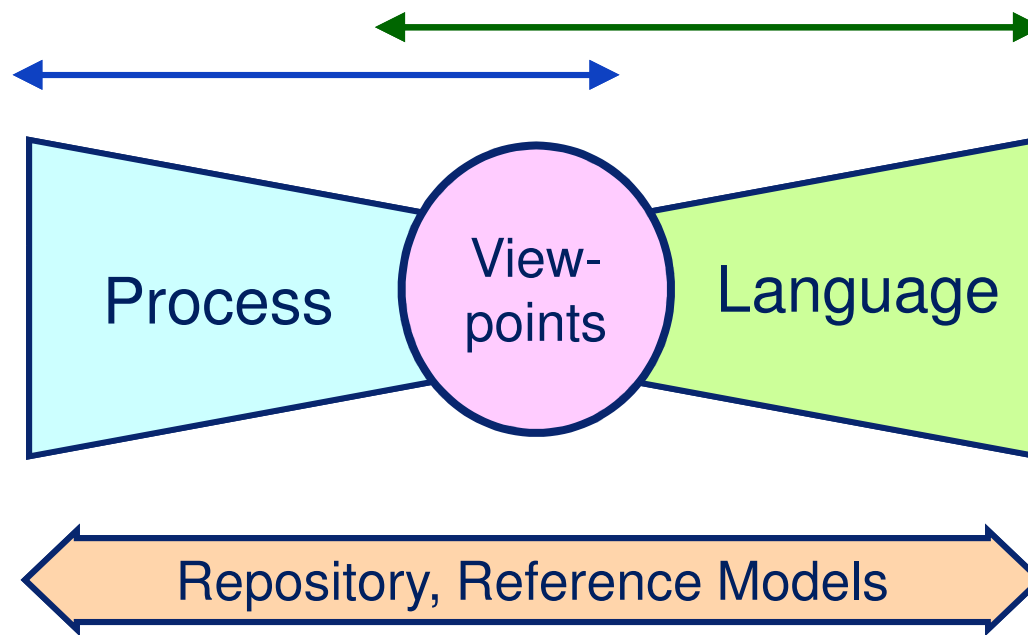
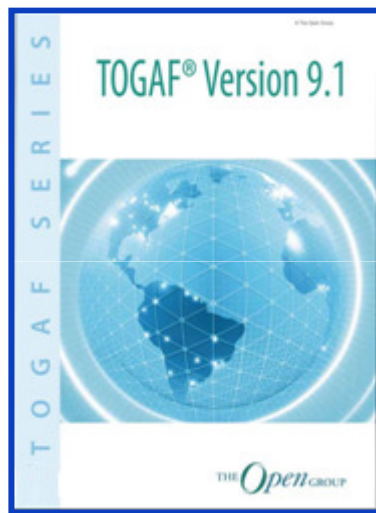


[Lankhorst et al., 2005 - Fig. 1.4. Enterprise architecture as a management instrument]

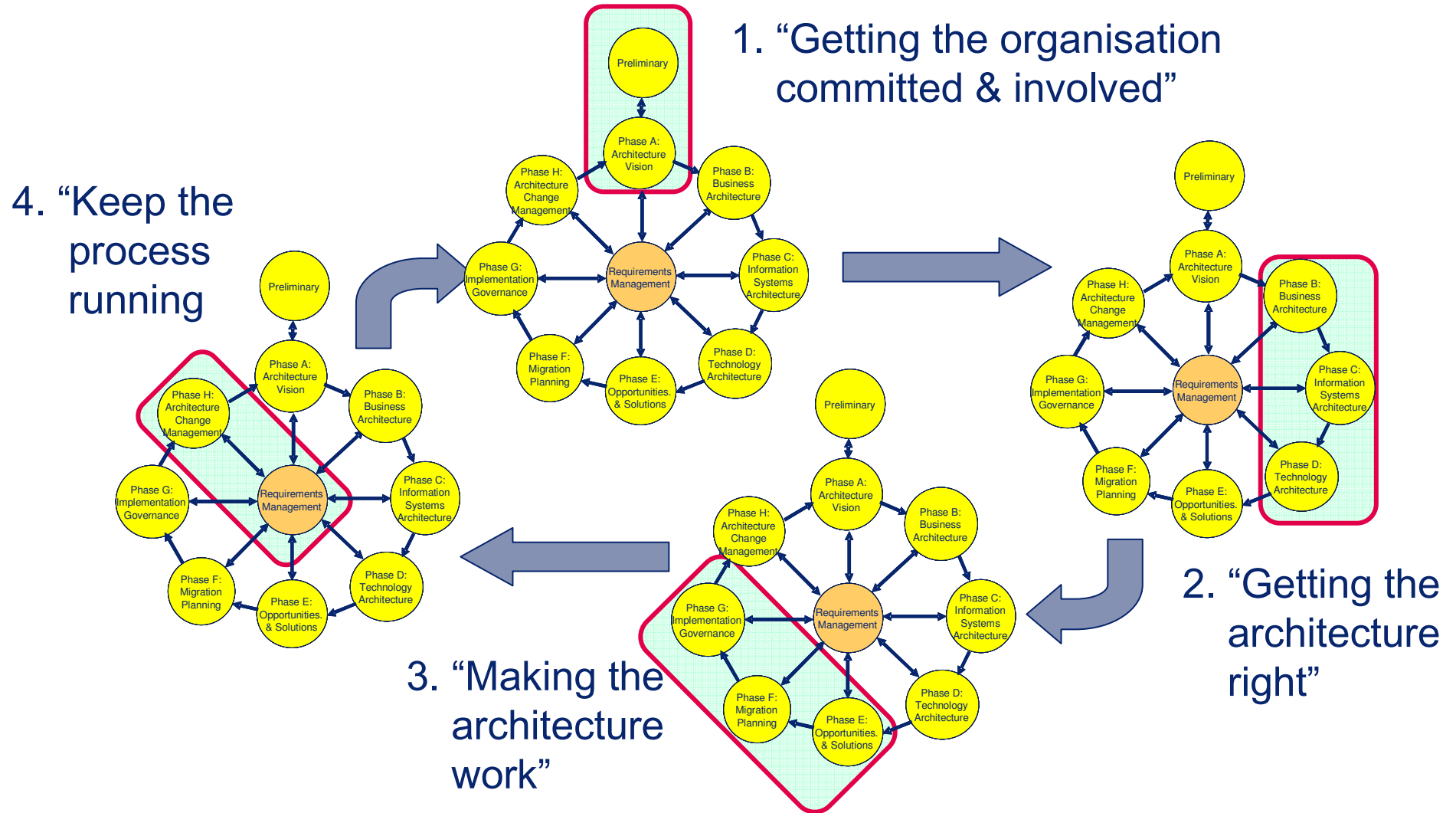
▶ Ingredients of a Successful EA Practice

TOGAF

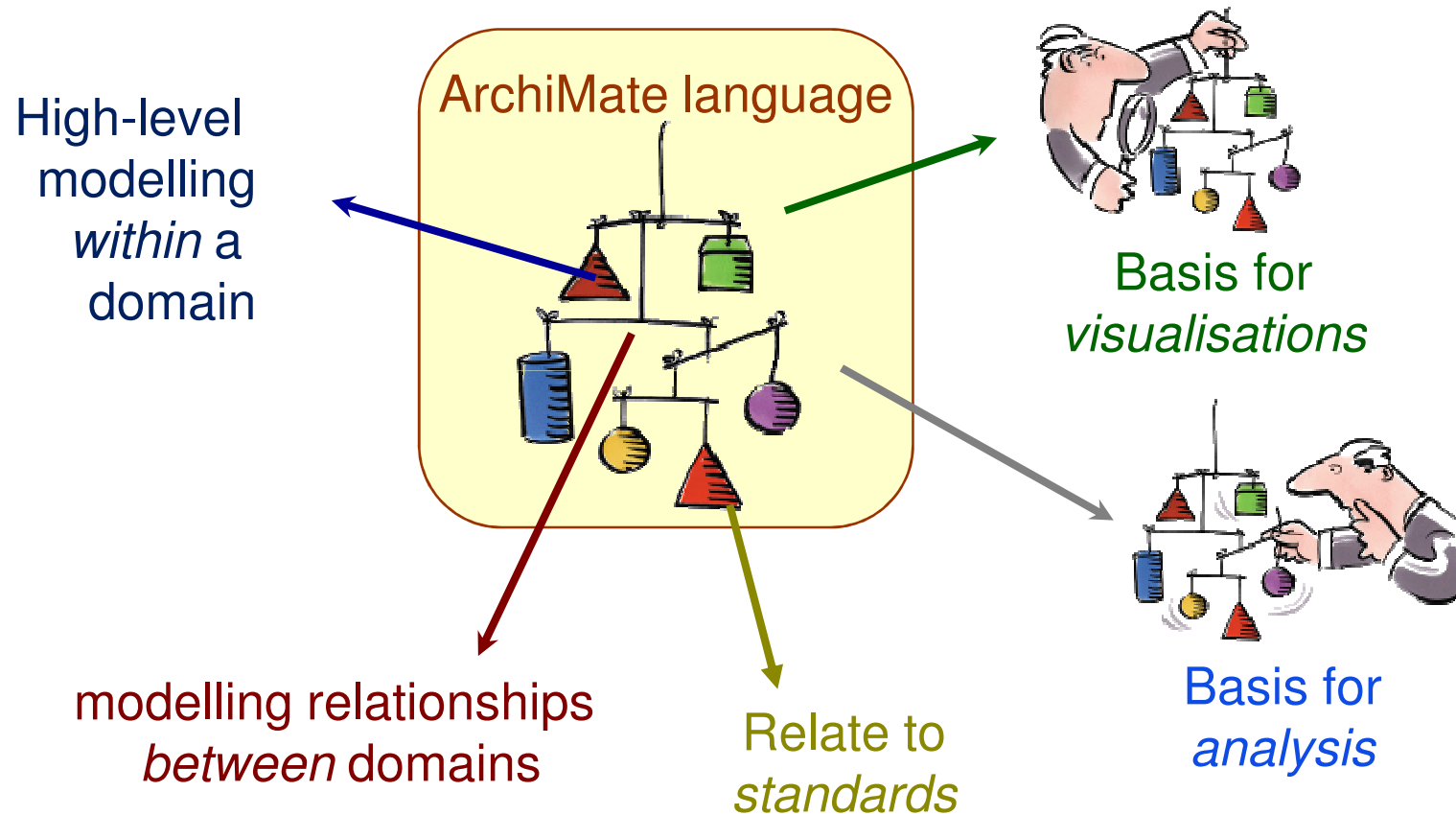
ArchiMate



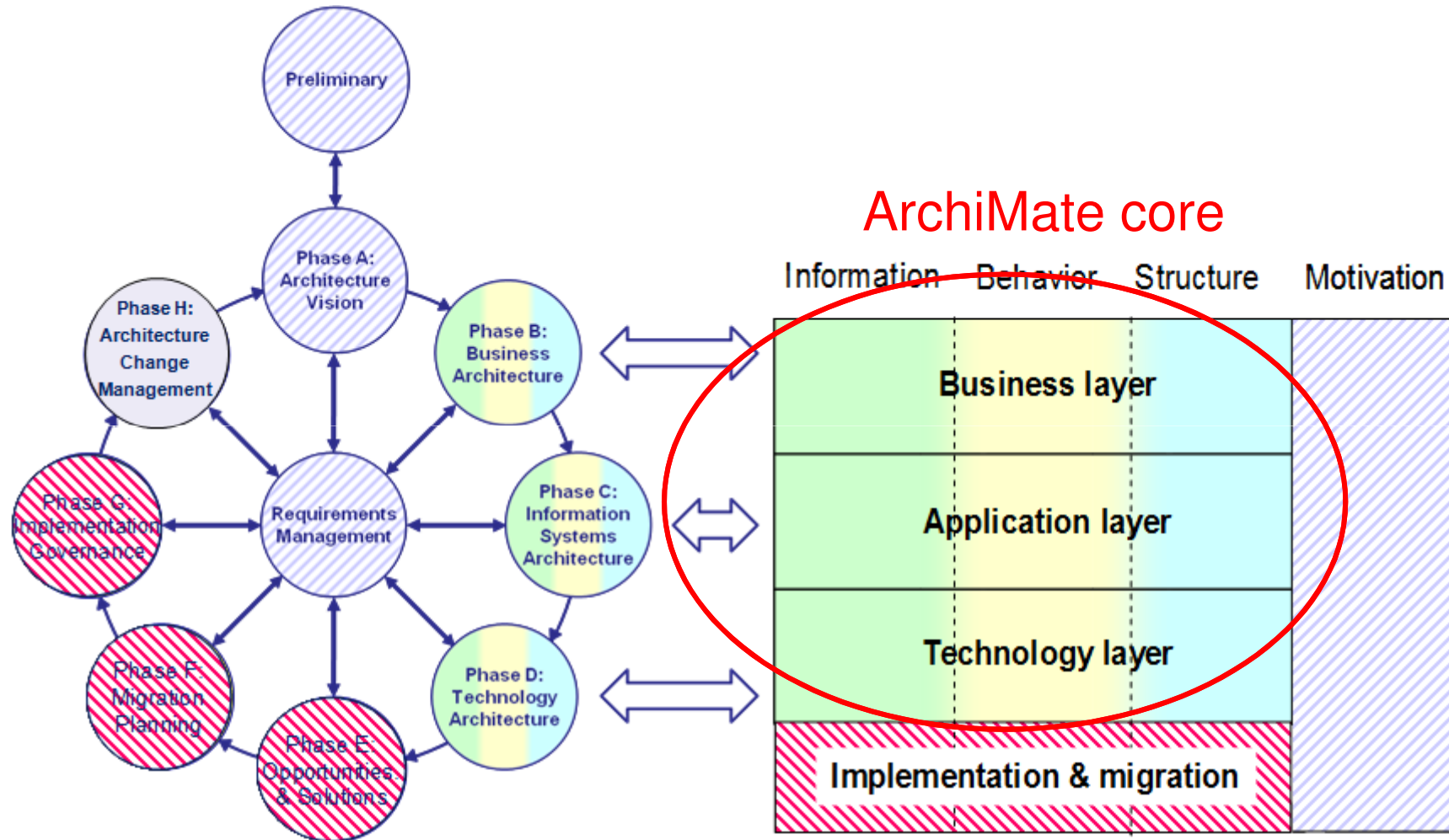
Summary of the TOGAF ADM Process



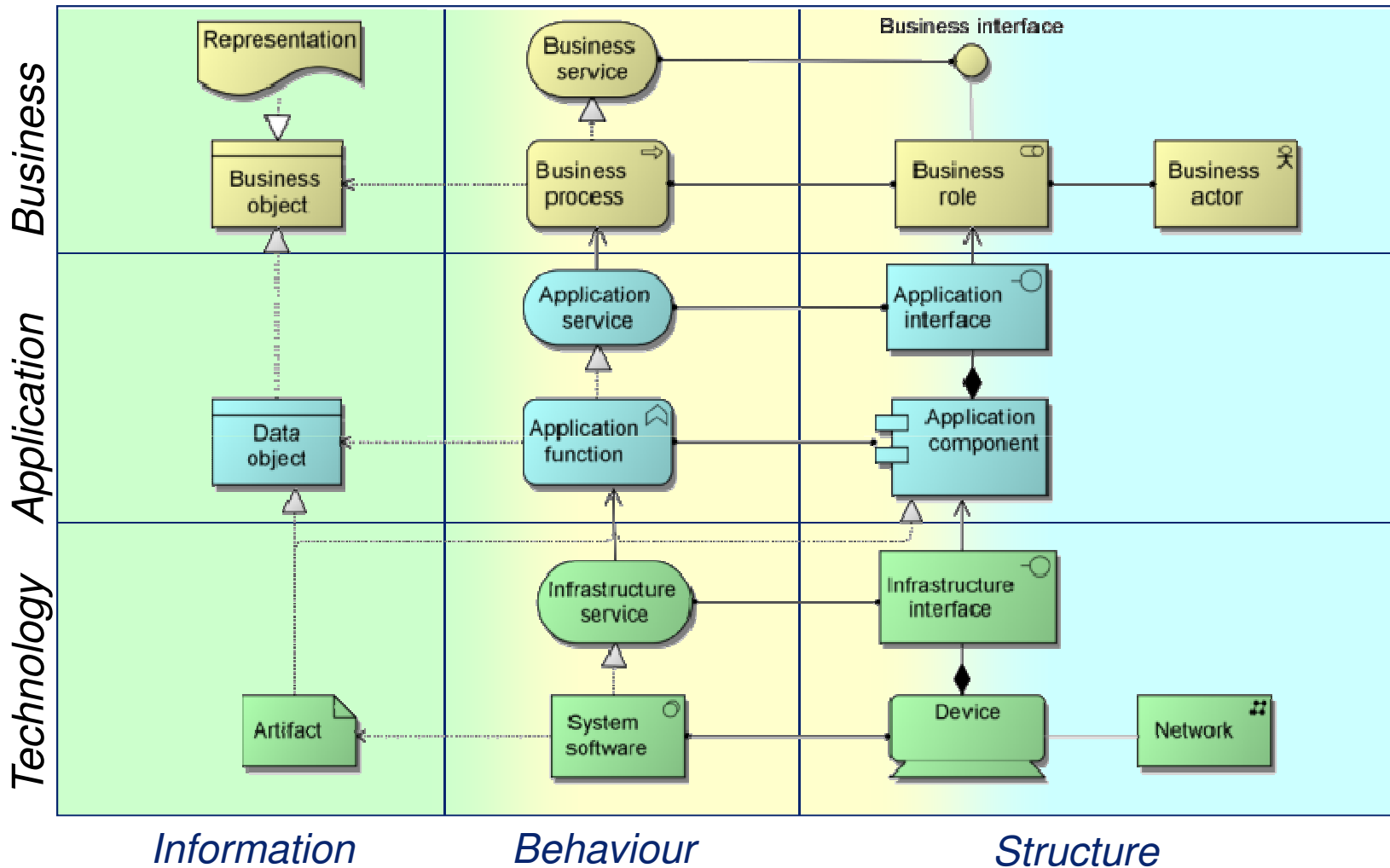
▶ The ArchiMate language



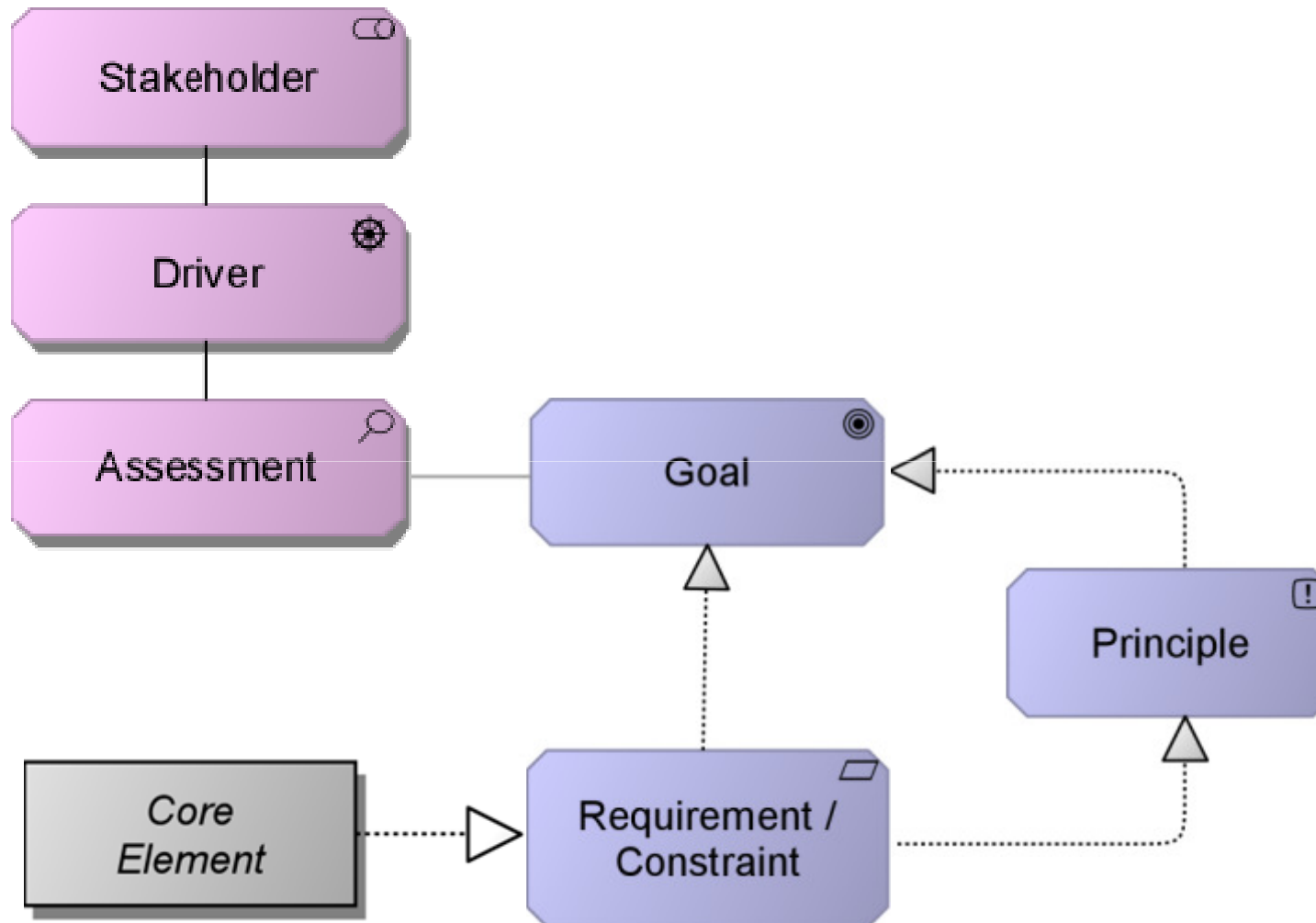
▶ ADM and the ArchiMate 2.0 Framework



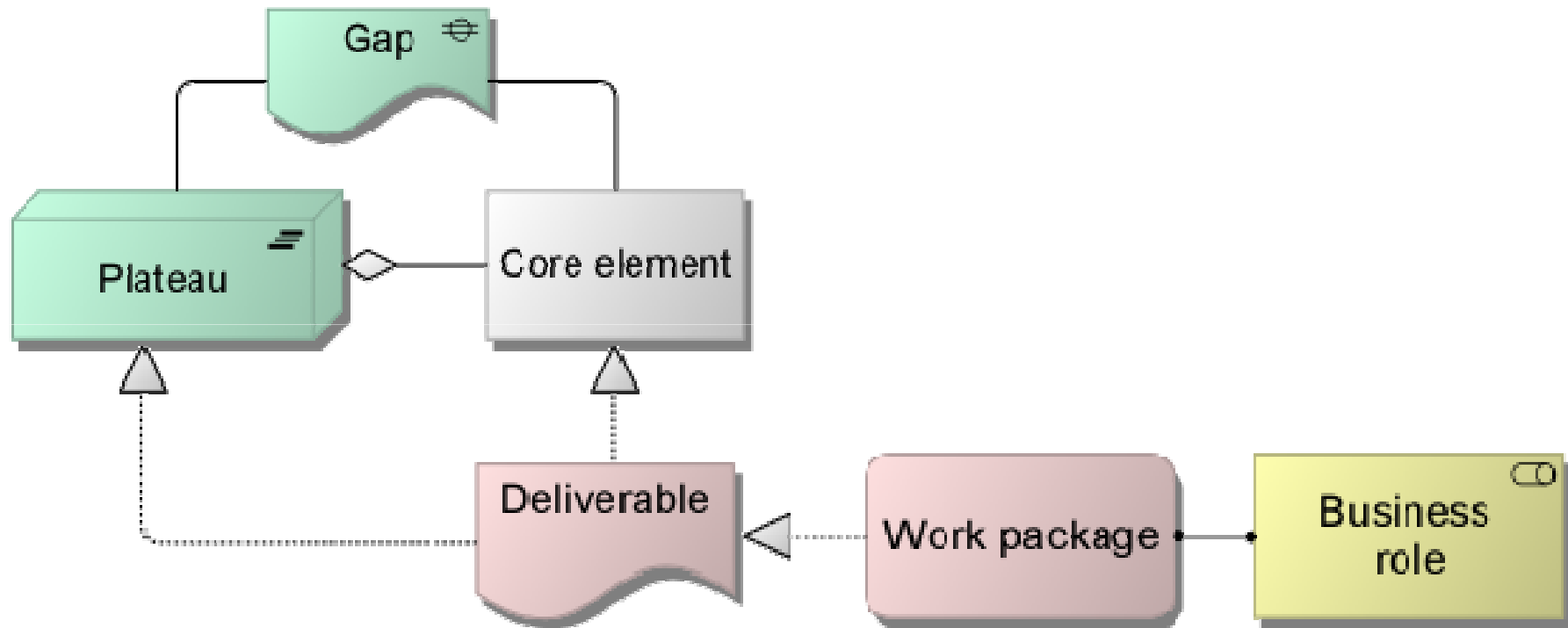
▶ ArchiMate Core Summary



▶ ArchiMate Motivation Extension



▶ ArchiMate Implementation & Migration Extension



▶ Agenda

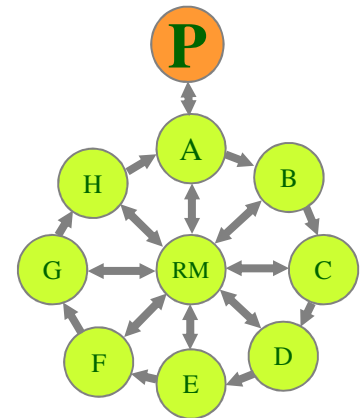
- ▶ ArchiSurance case study
- ▶ Ingredients of an Enterprise Architecture approach
- ▶ The ArchiMate 2.0 language
 - ▶ ArchiMate Core
 - ▶ Extensions
- ▶ **Some models throughout the ADM – let's dive into it!**
- ▶ Benefits & Conclusions
- ▶ We have 35 minutes so it will be an introduction - slides available!



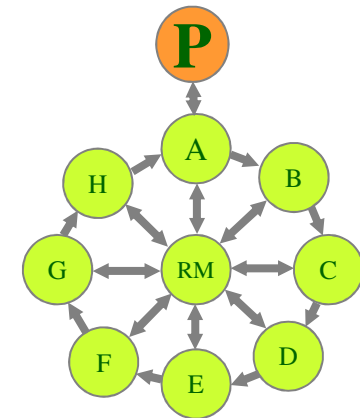
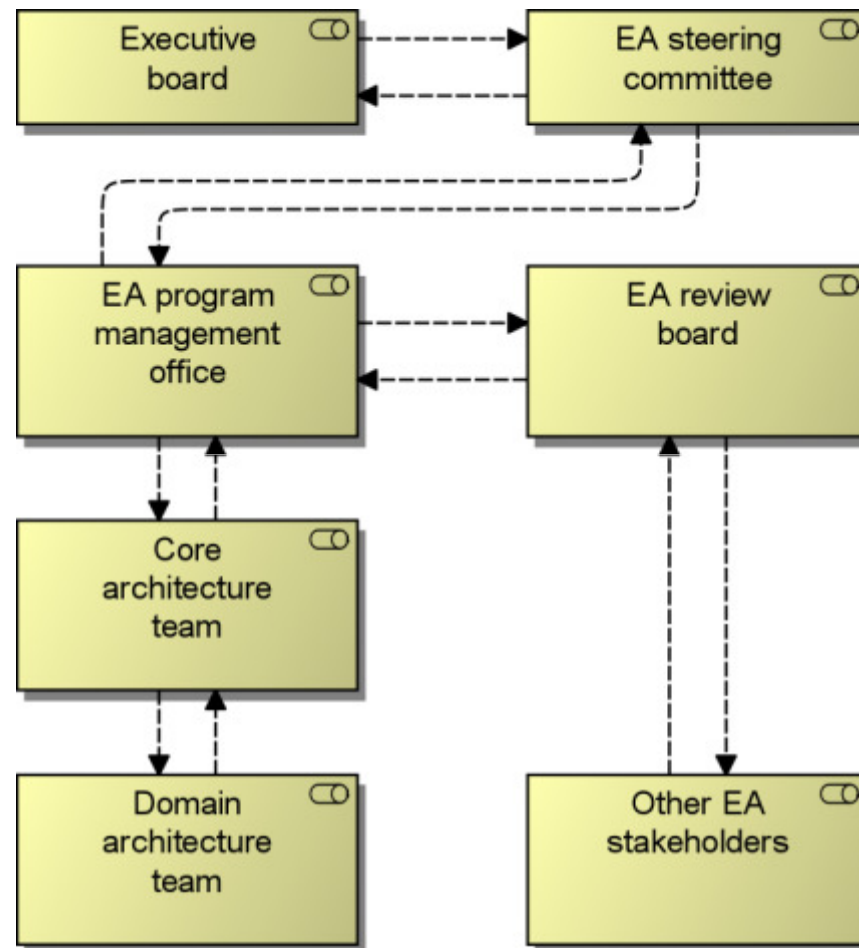
▶ Preliminary Phase

Activities in the Preliminary Phase include:

- ▶ Scope the enterprise
- ▶ **Define enterprise architecture team and organisation**
- ▶ **Identify architecture principles**
- ▶ Select and tailor architecture framework
- ▶ Implement architecture tools



Architecture Team and Organisation



Architecture Principles

Business principles

Primacy of principles

Maximise benefit to the enterprise

Information management is everybody's business

Common use of applications

Compliance with law

Business continuity

IT responsibility

Protection of intellectual property

Data principles

Data is shared

Data is an asset

Data is accessible

Data trustee

Common vocabulary and data definition

Data security

Technology principles

Requirements-based change

Responsive change management

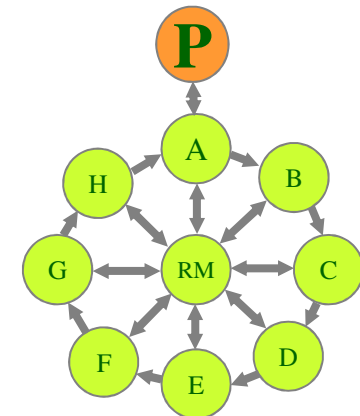
Control technical diversity

Interoperability

Application principles

Technology independence

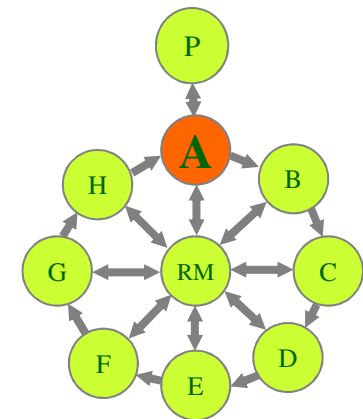
Ease of use



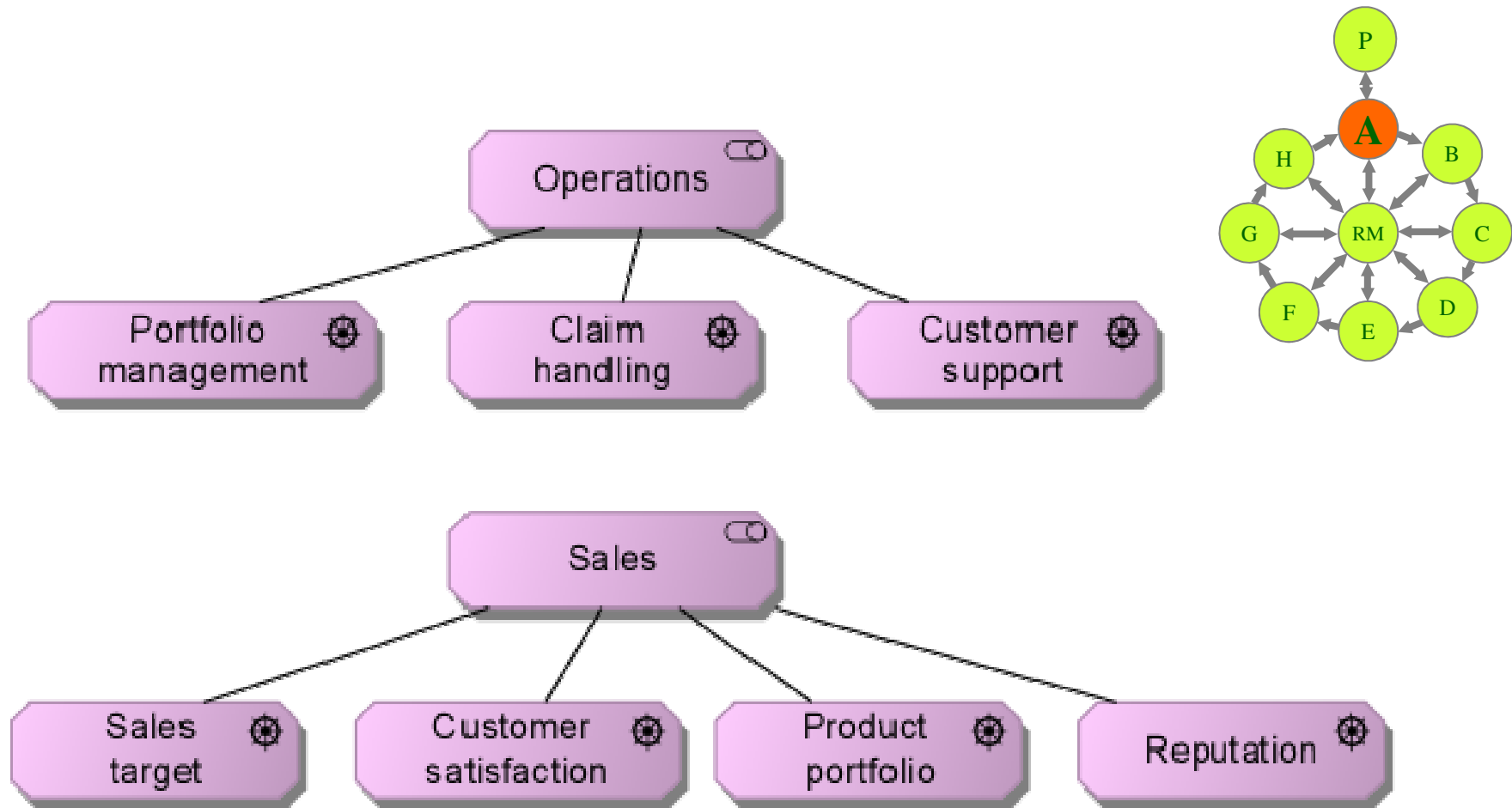
▶ Phase A: Architecture Vision

Activities in the Preliminary Phase include:

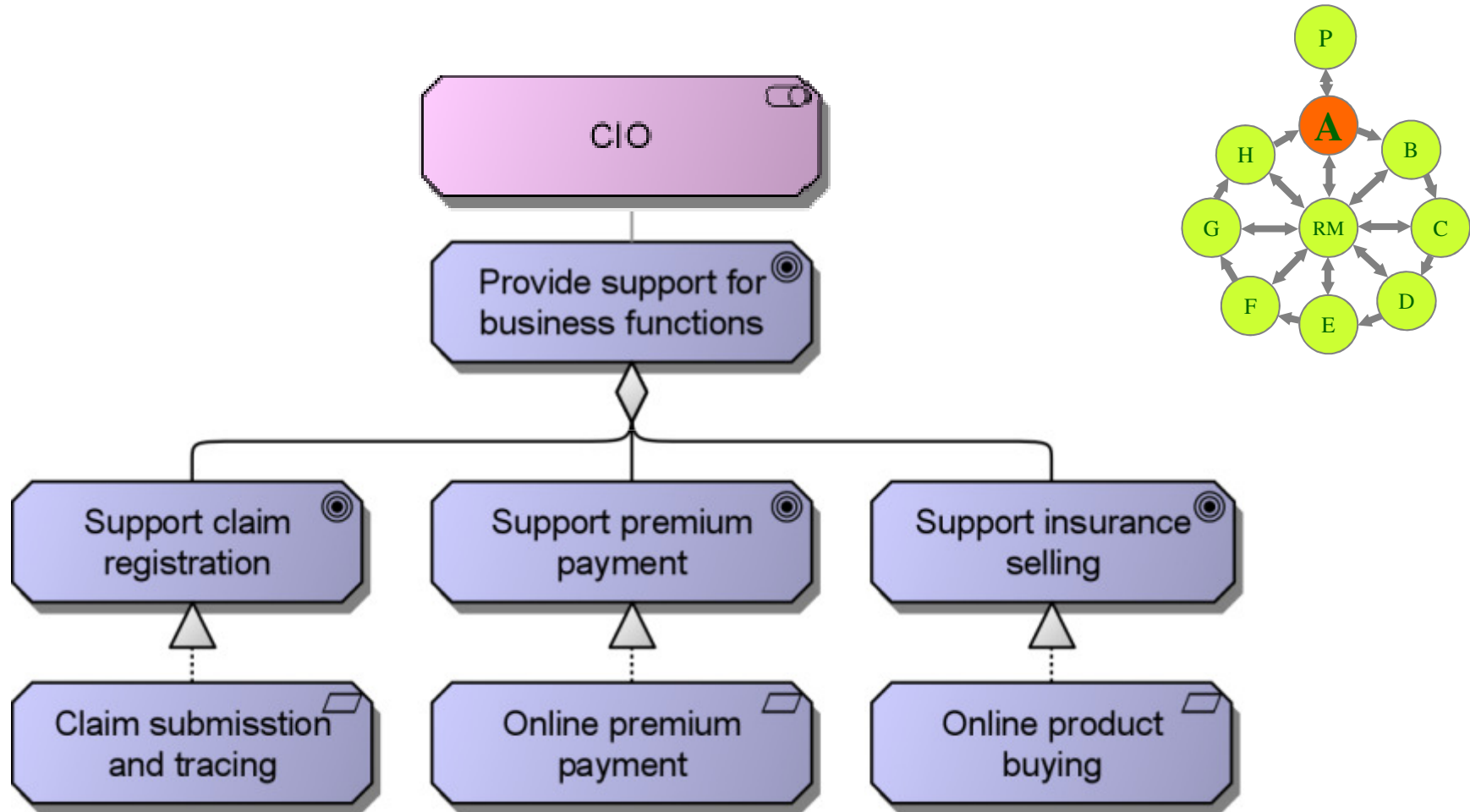
- ▶ Establish the architecture project / define scope
- ▶ Identify stakeholders, **concerns**, and business requirements
- ▶ Confirm/elaborate **business goals**, drivers and constraints
- ▶ Develop **Architecture Vision**



▶ Stakeholder Analysis

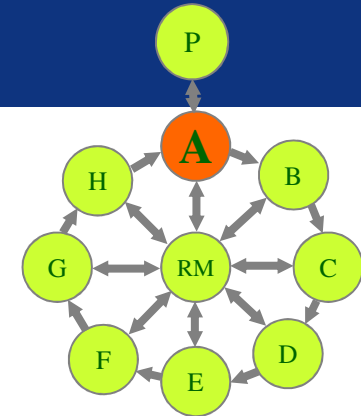
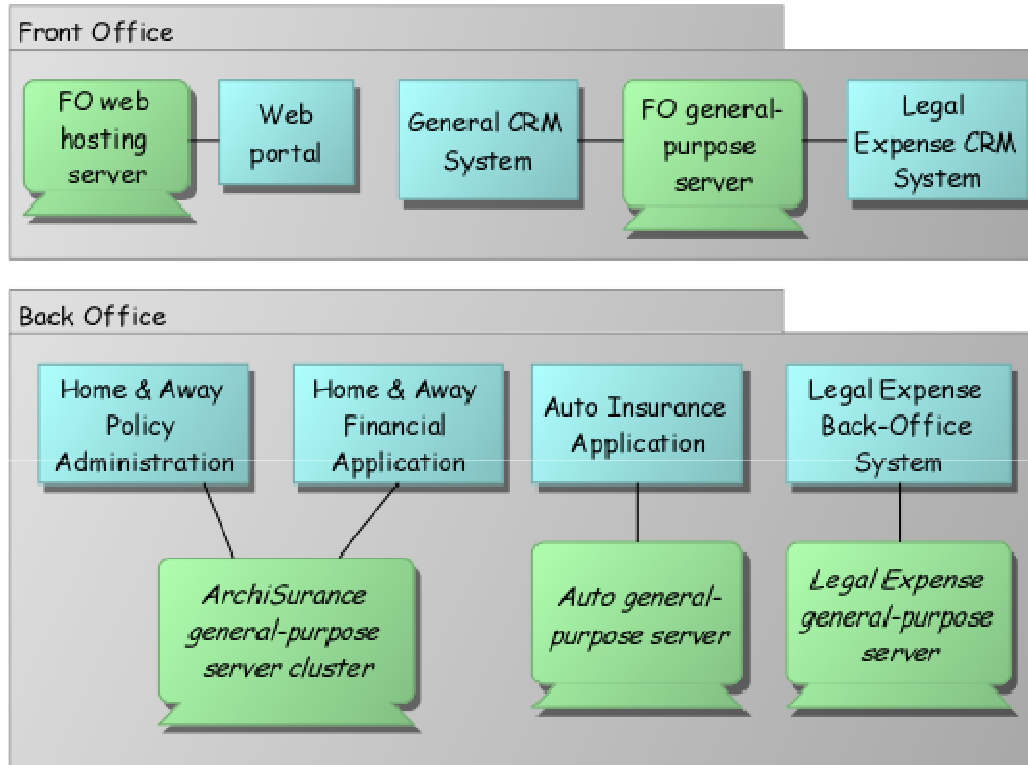


▶ Business Goals and Initial Requirements

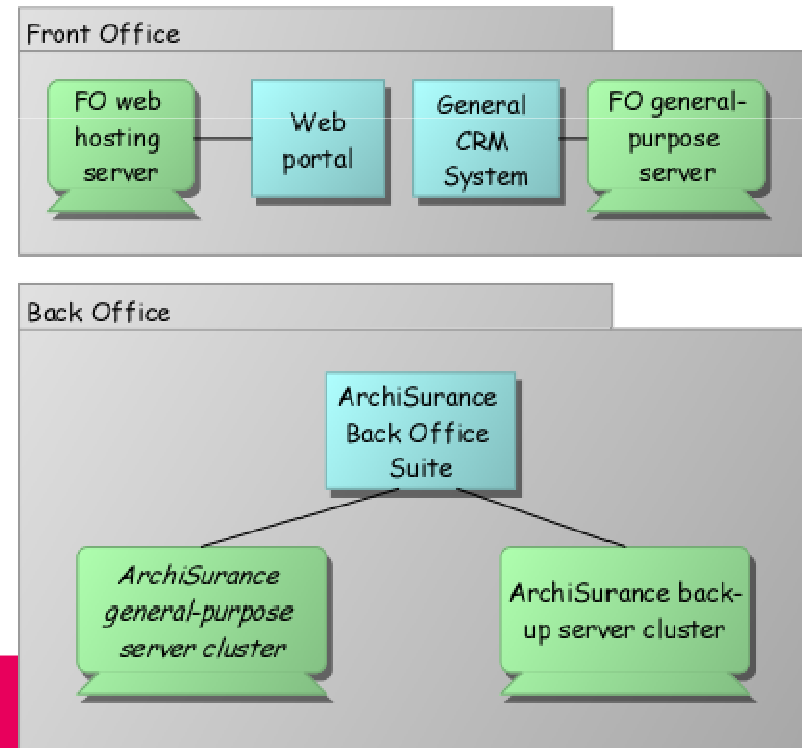


Architecture Vision

Baseline



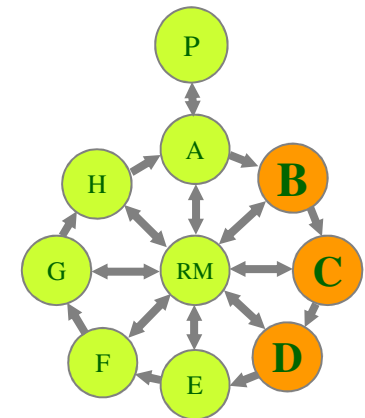
Target



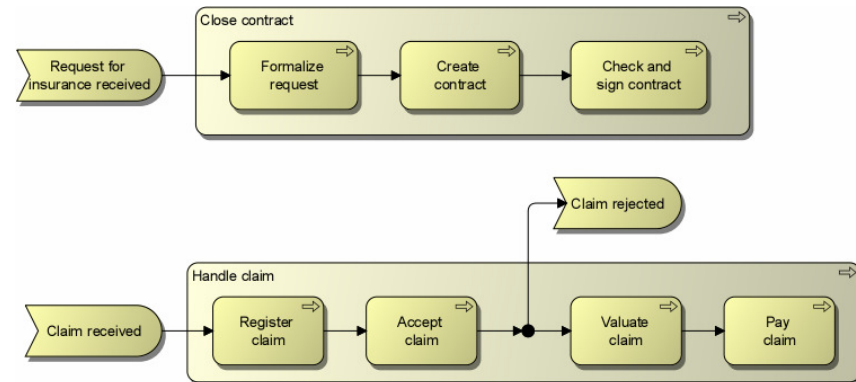
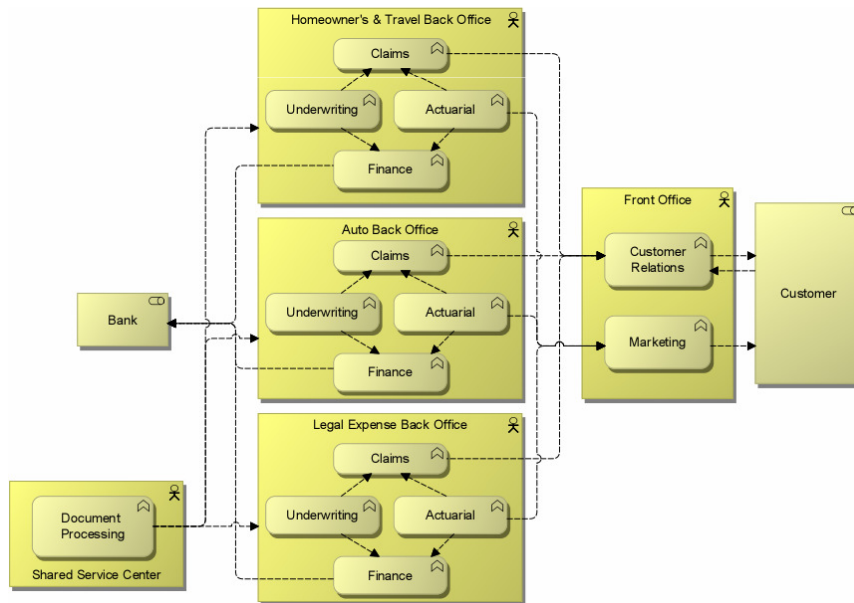
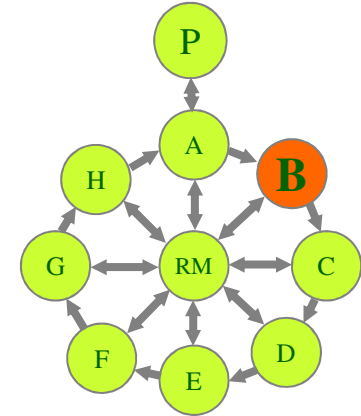
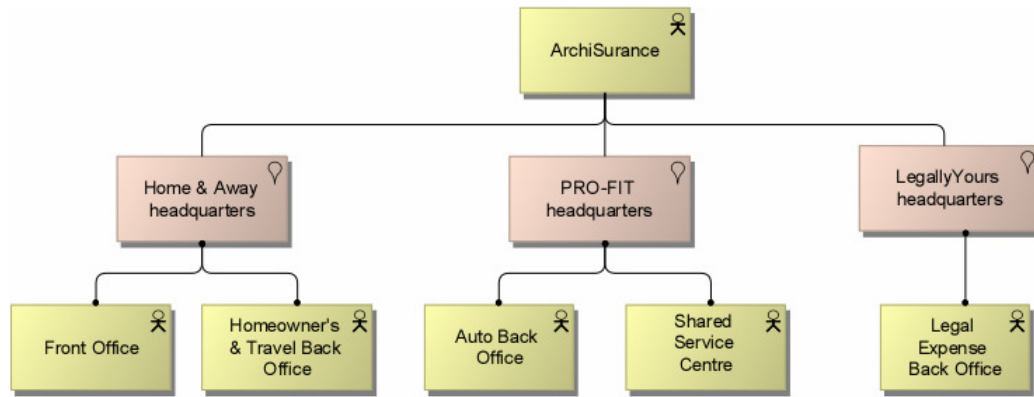
▶ Phases B, C, D: “Getting the Architecture Right”

Activities in Phases B, C and D include:

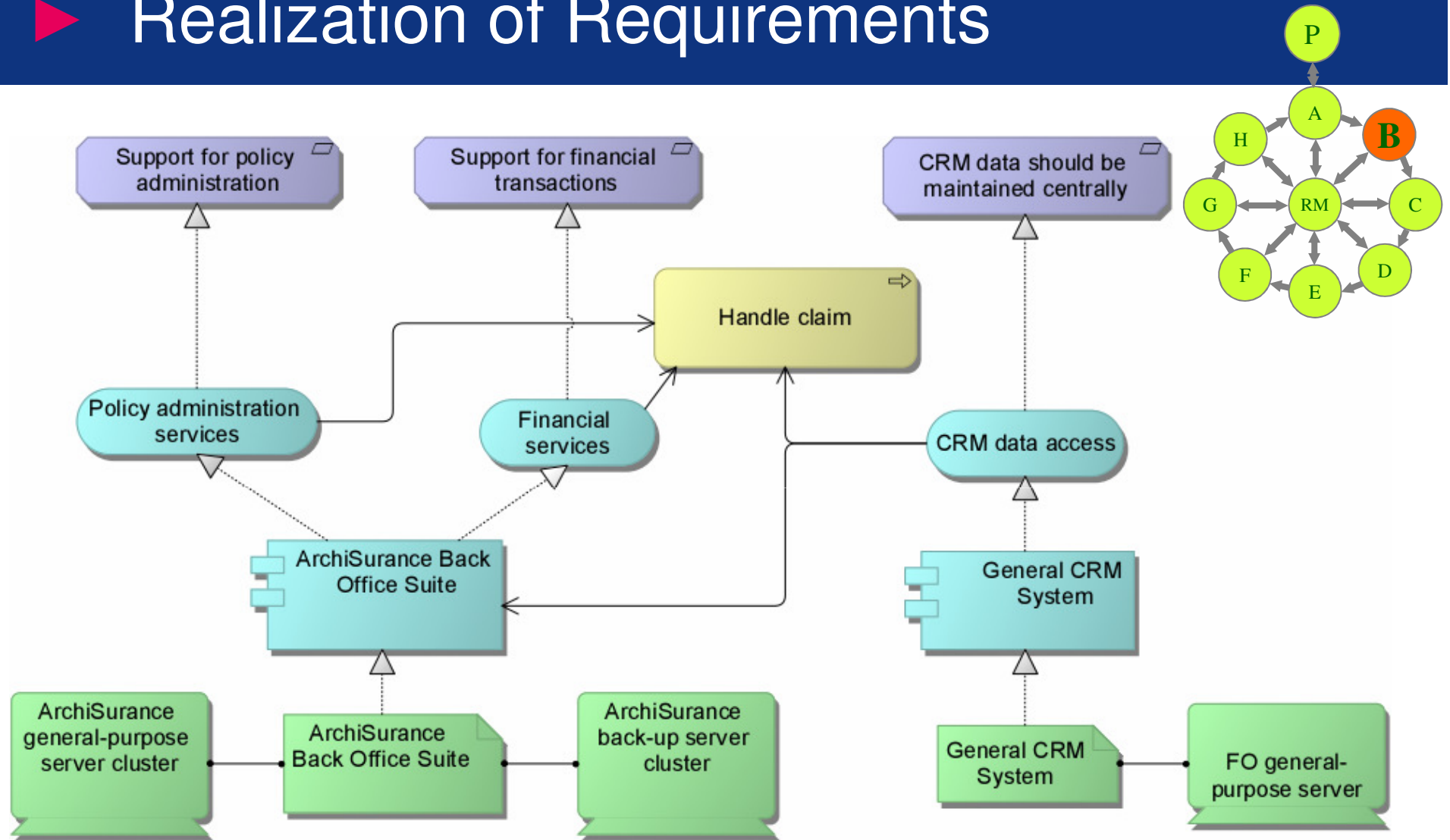
- ▶ Select reference models, viewpoints and tools
- ▶ Develop **Baseline Architecture**
- ▶ Develop **Target Architecture**
- ▶ Perform **gap analysis**
- ▶ Conduct formal stakeholder review



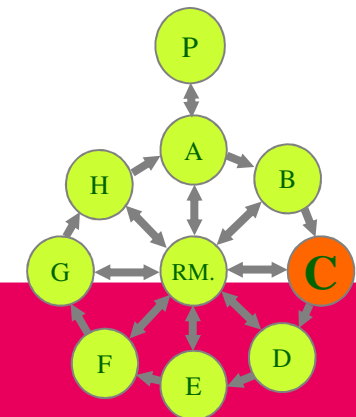
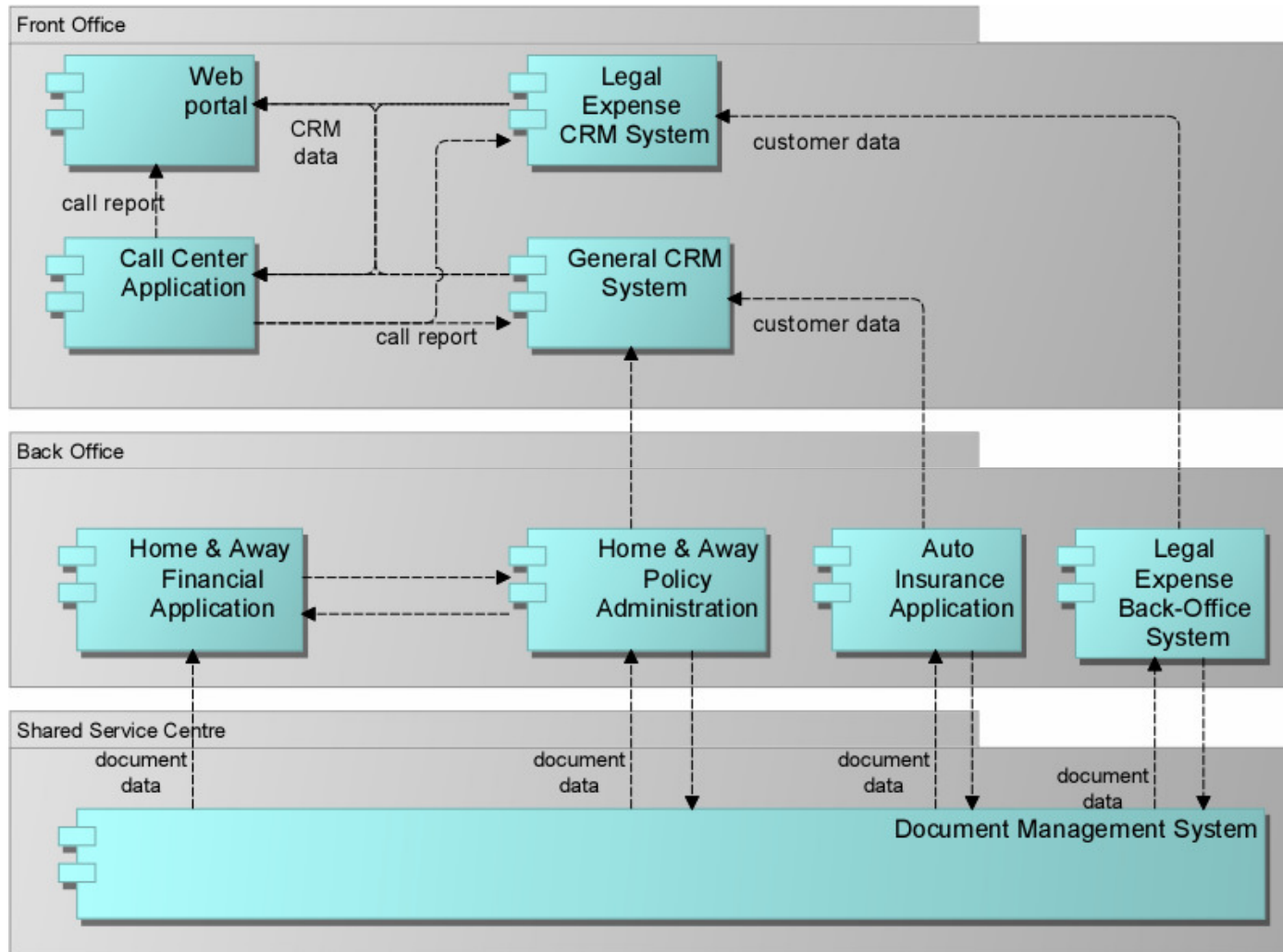
Business Architecture



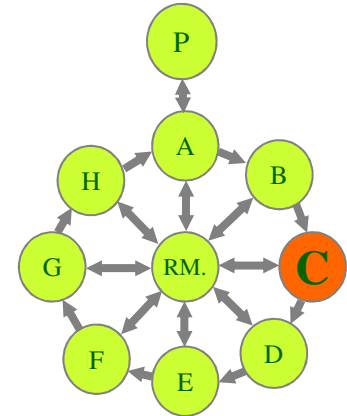
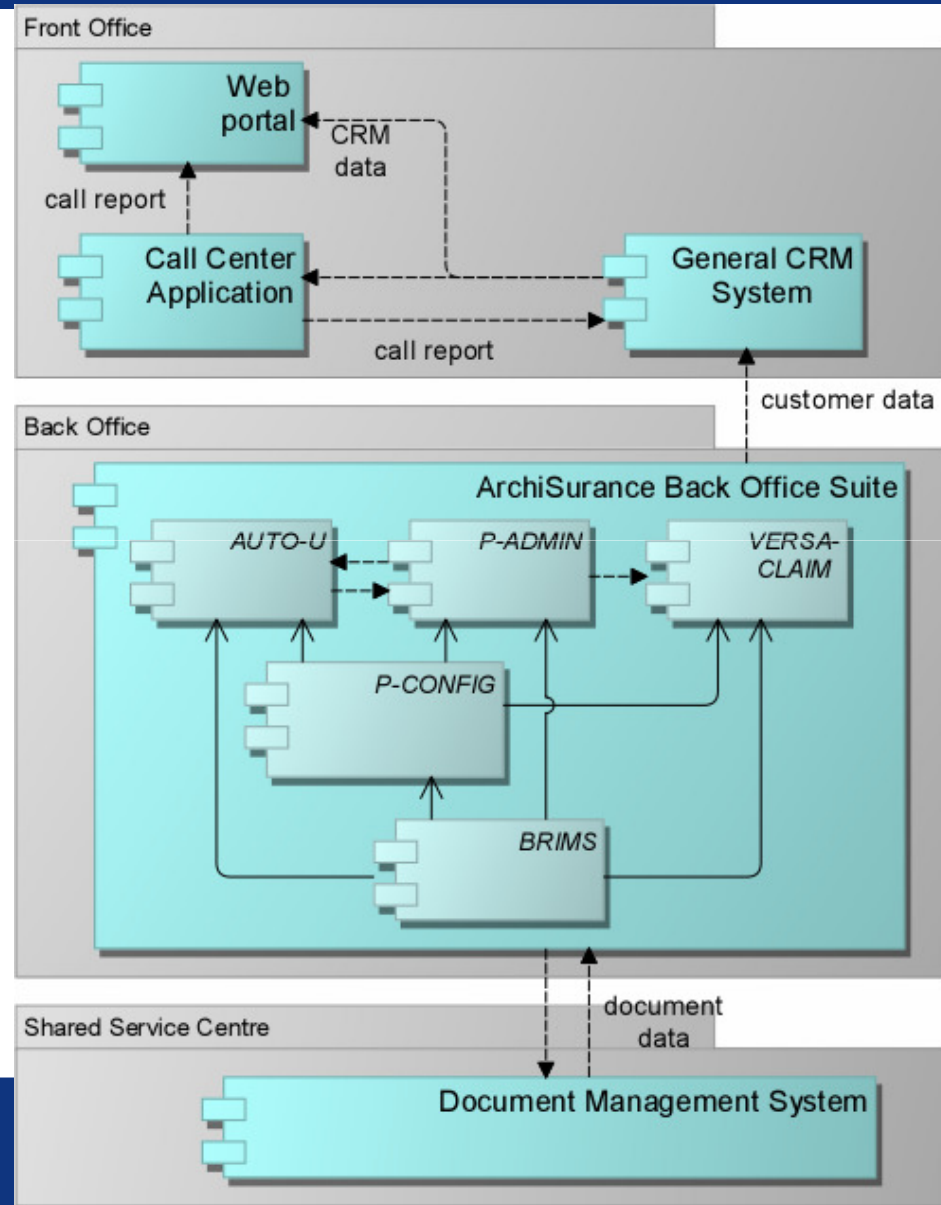
► Realization of Requirements



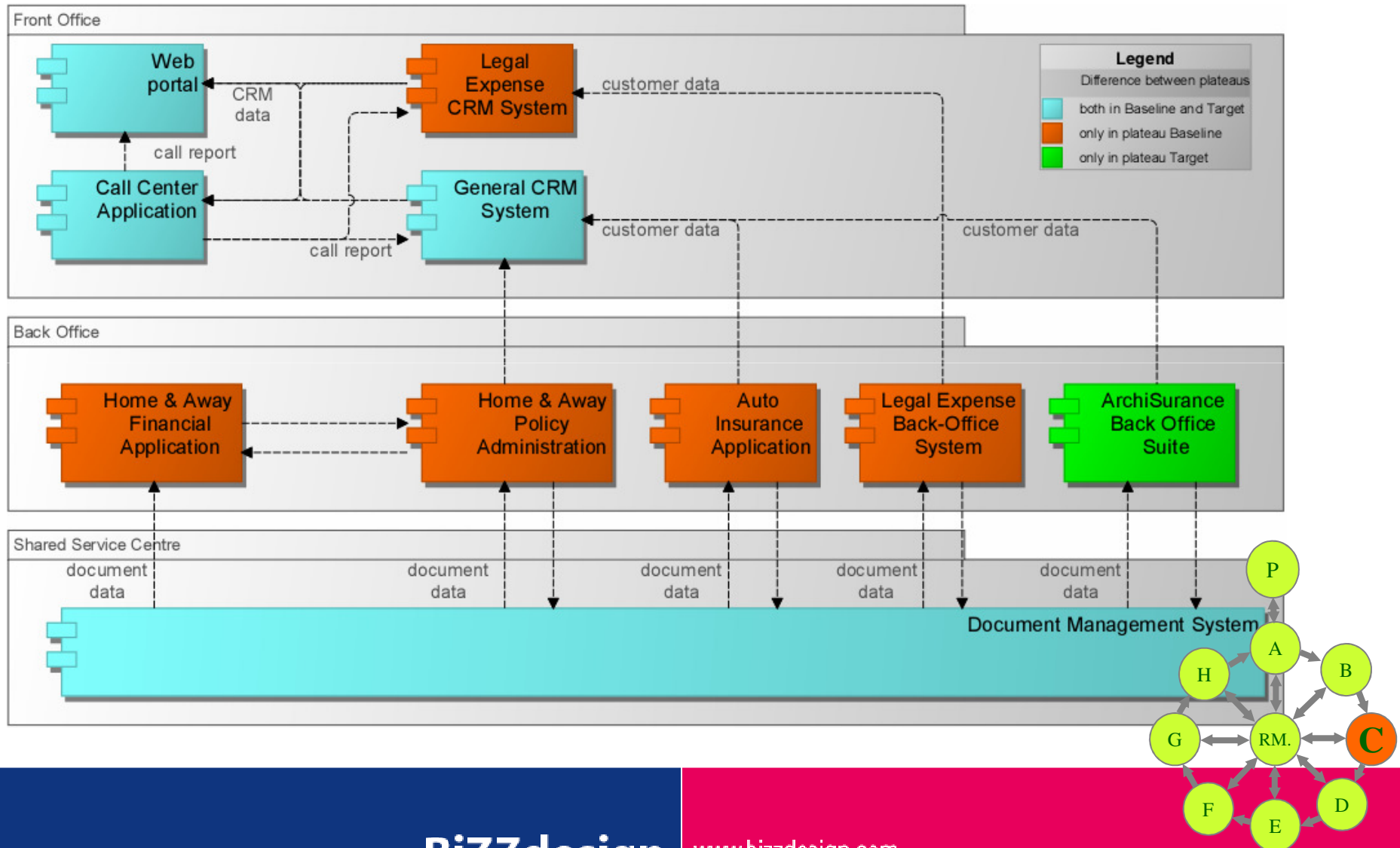
▶ Baseline Application Architecture



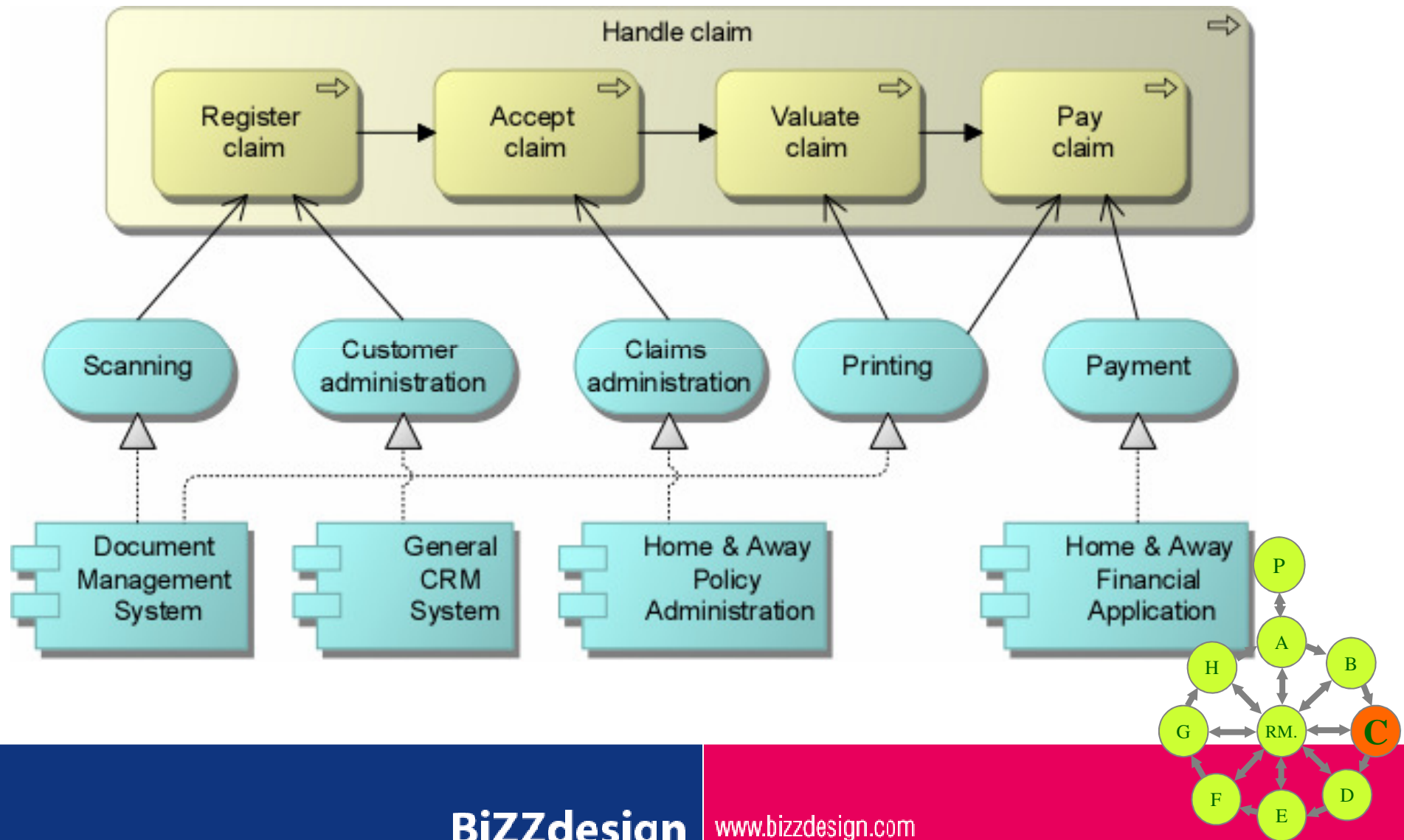
▶ Target Application Architecture



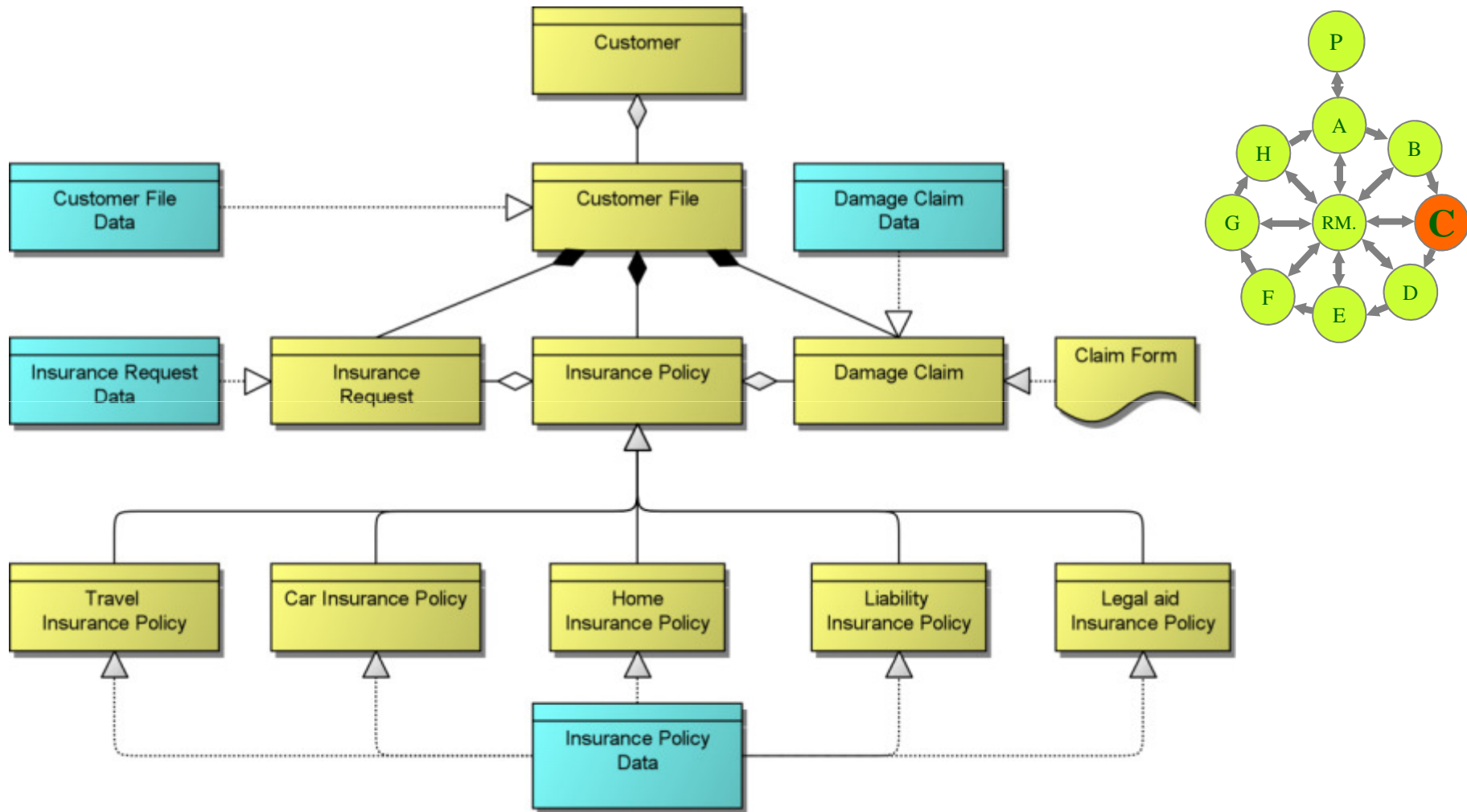
Application Architecture Gap Analysis



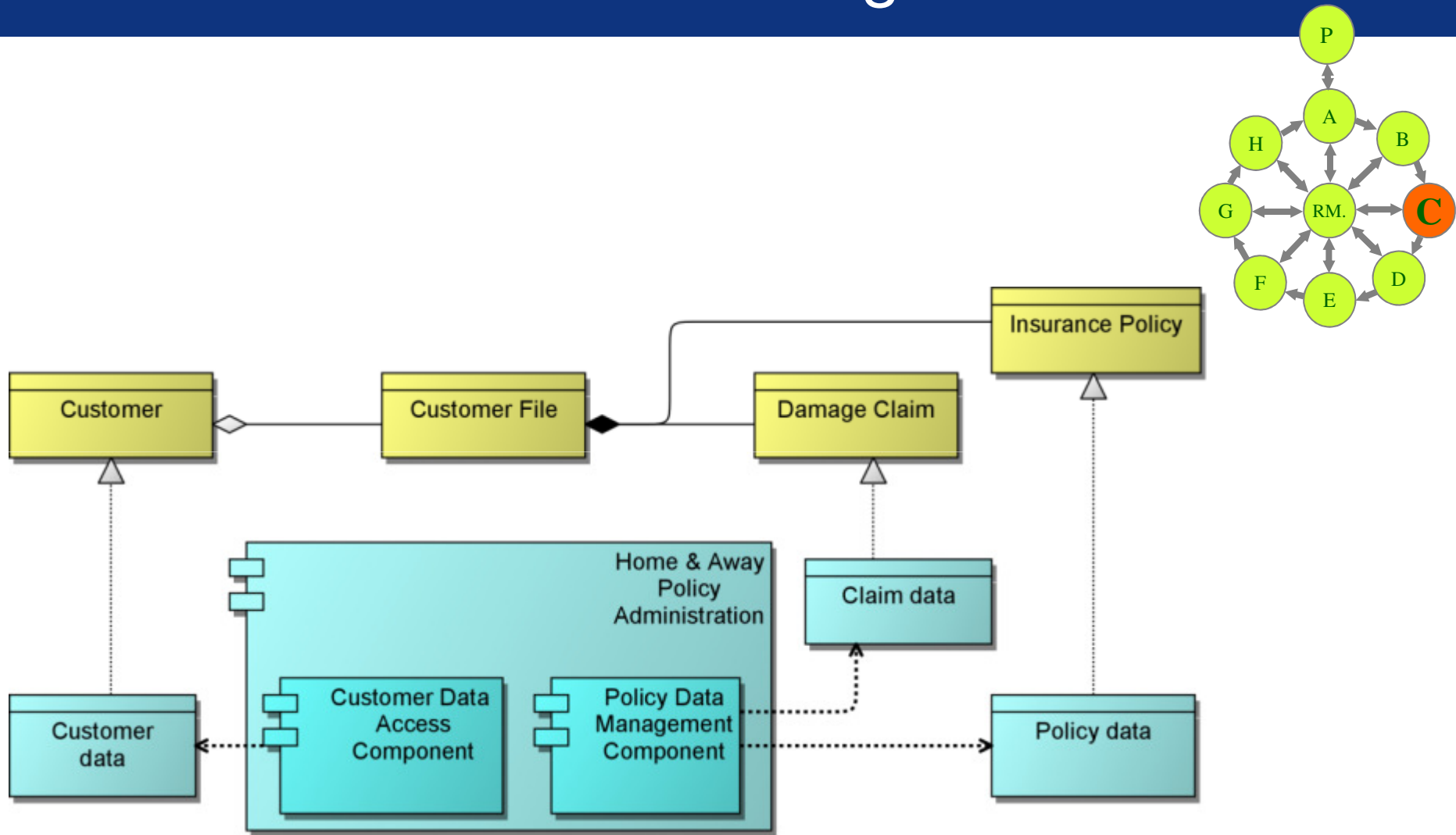
▶ Process-Application Support



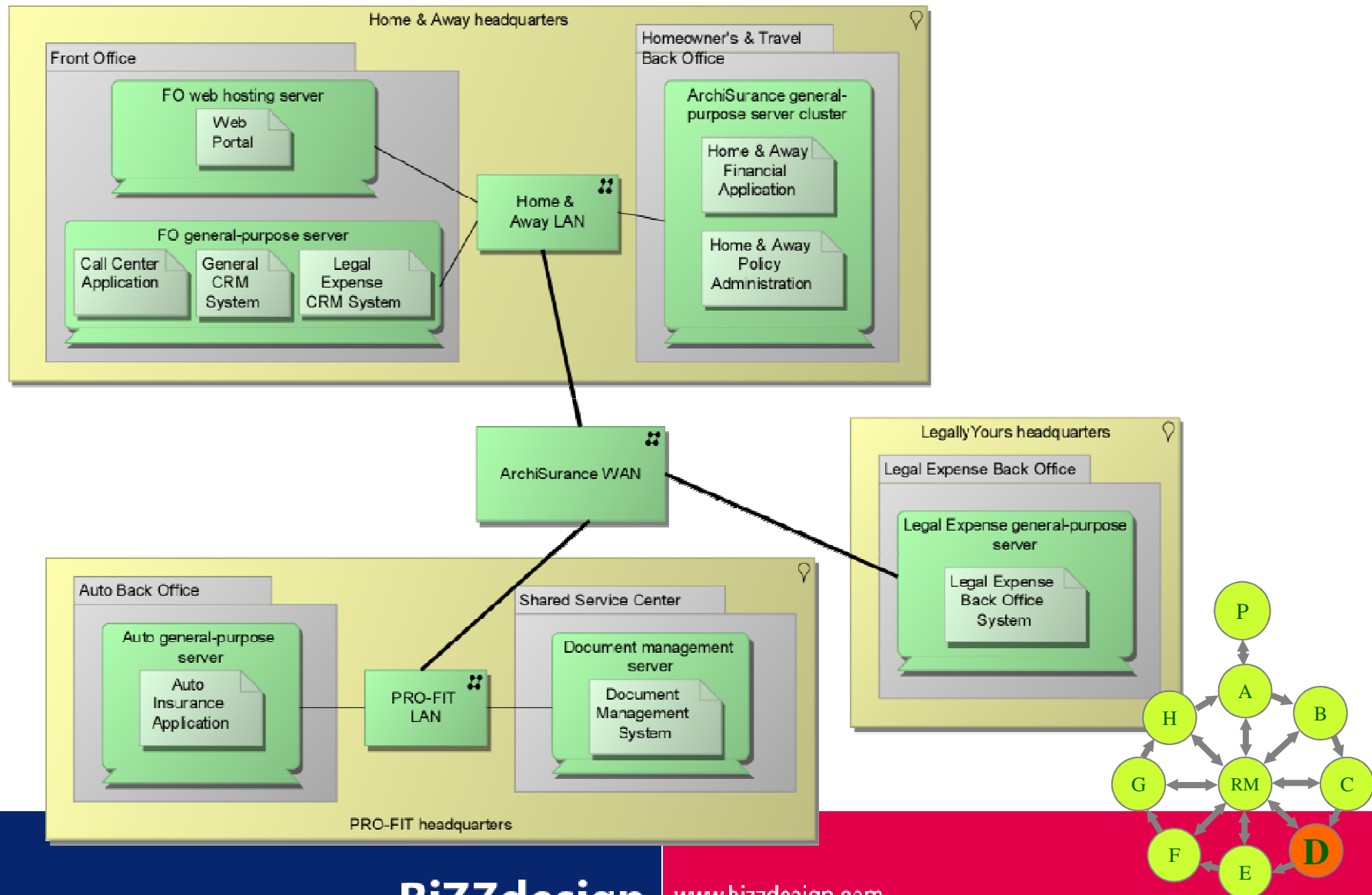
Information Structure View



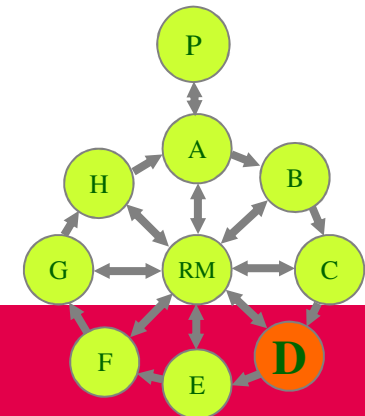
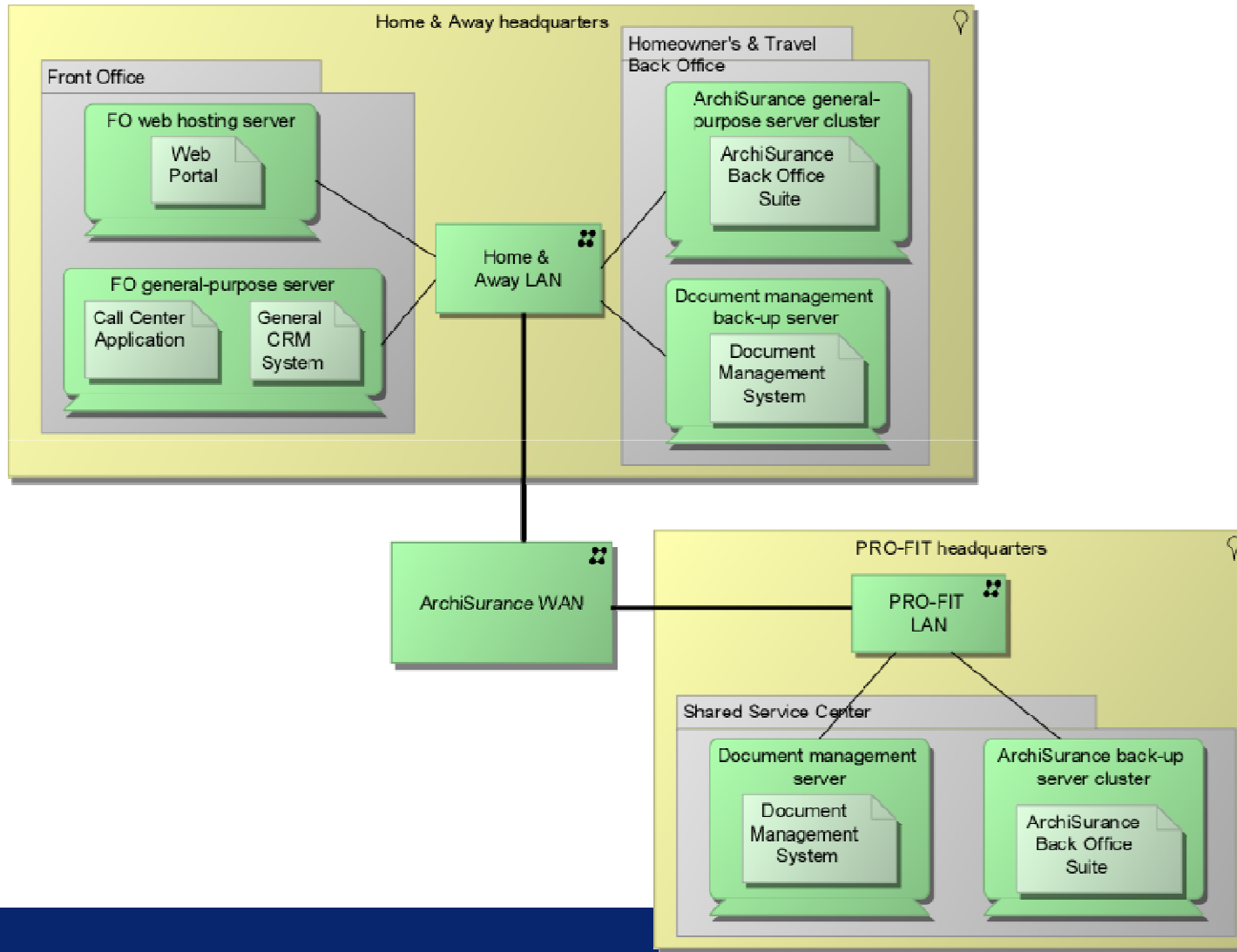
▶ Data Dissemination Diagram



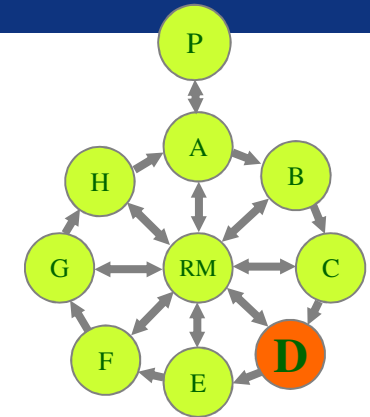
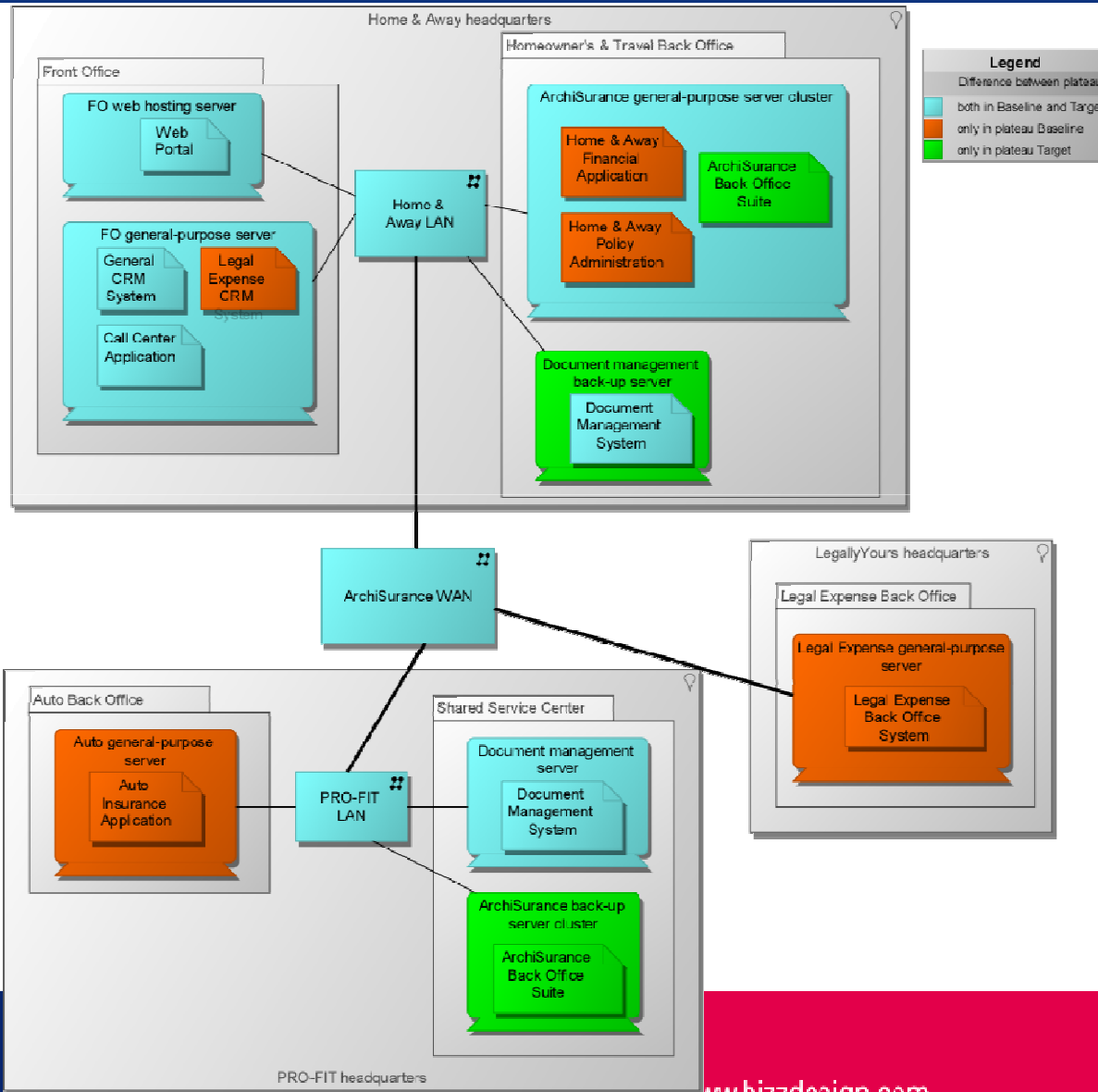
Baseline Technology Architecture



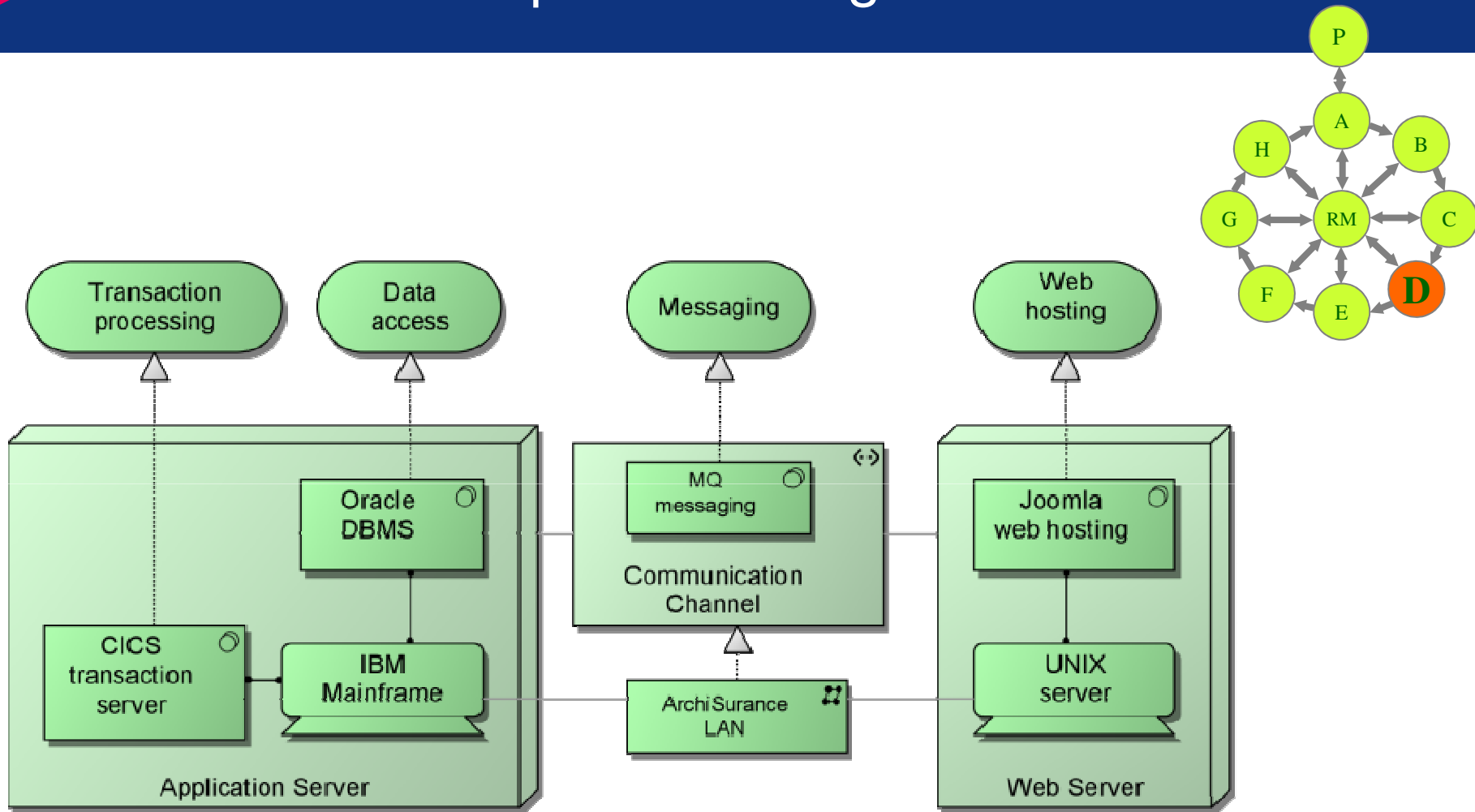
Target Technology Architecture



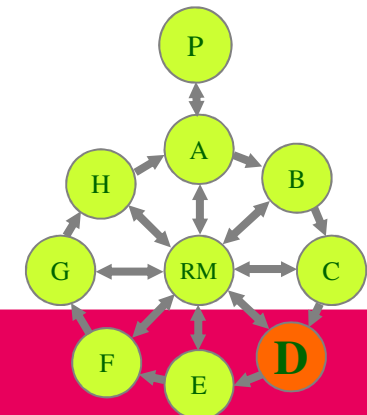
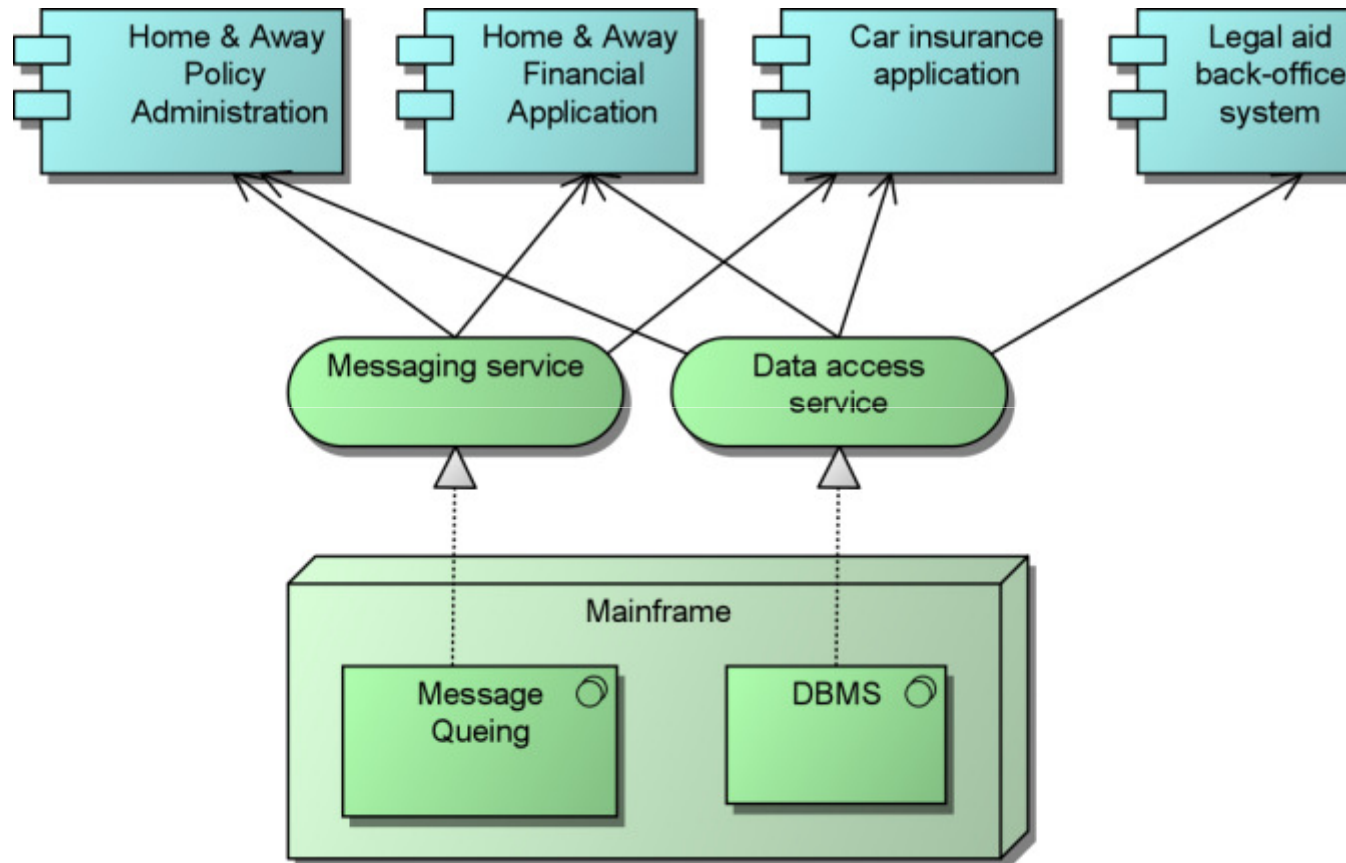
Technology Architecture Gap Analysis



Platform Decomposition Diagram



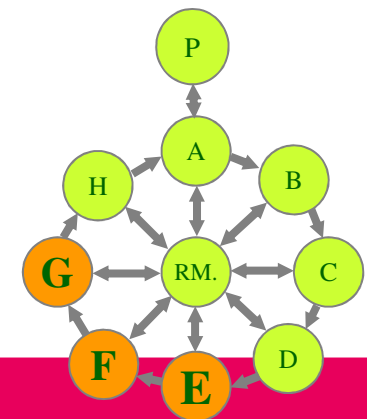
▶ Application/Technology Support Map



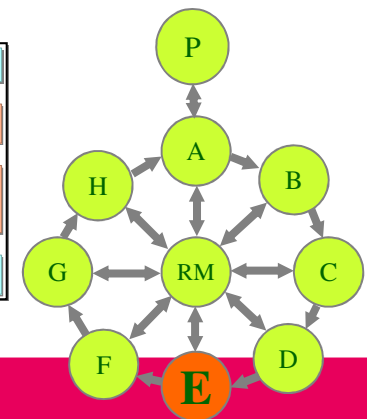
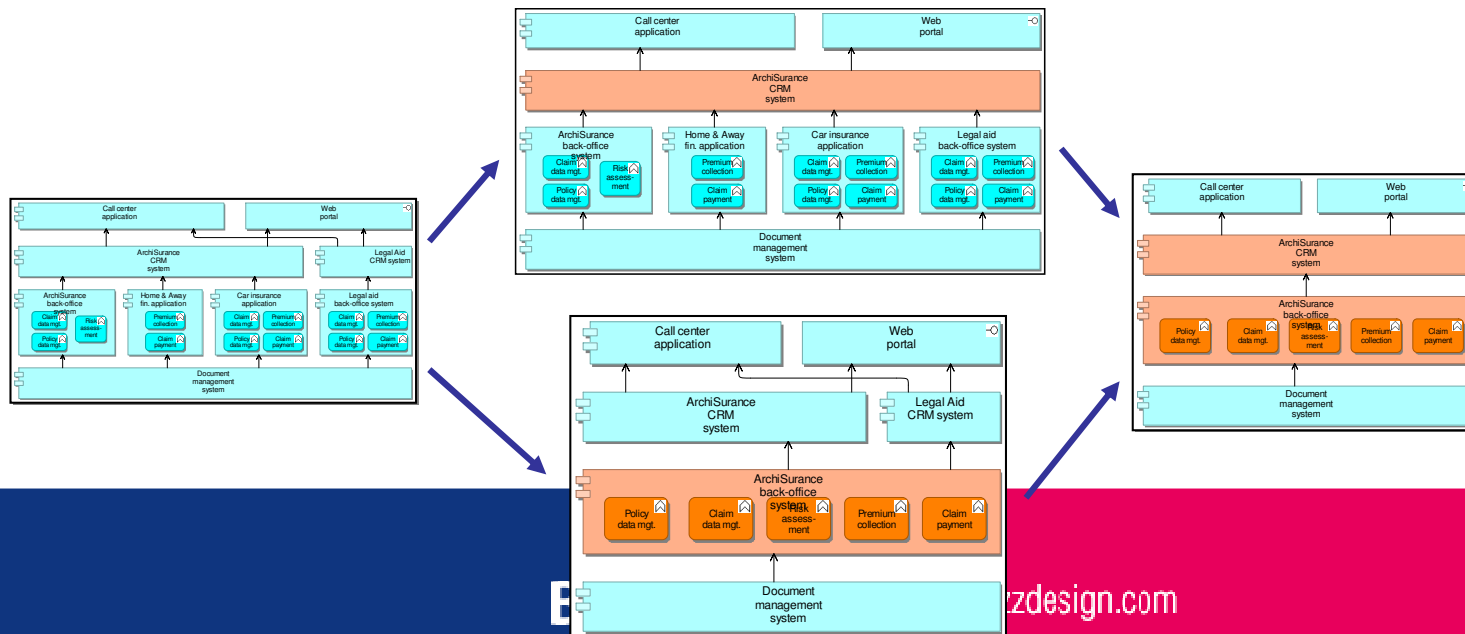
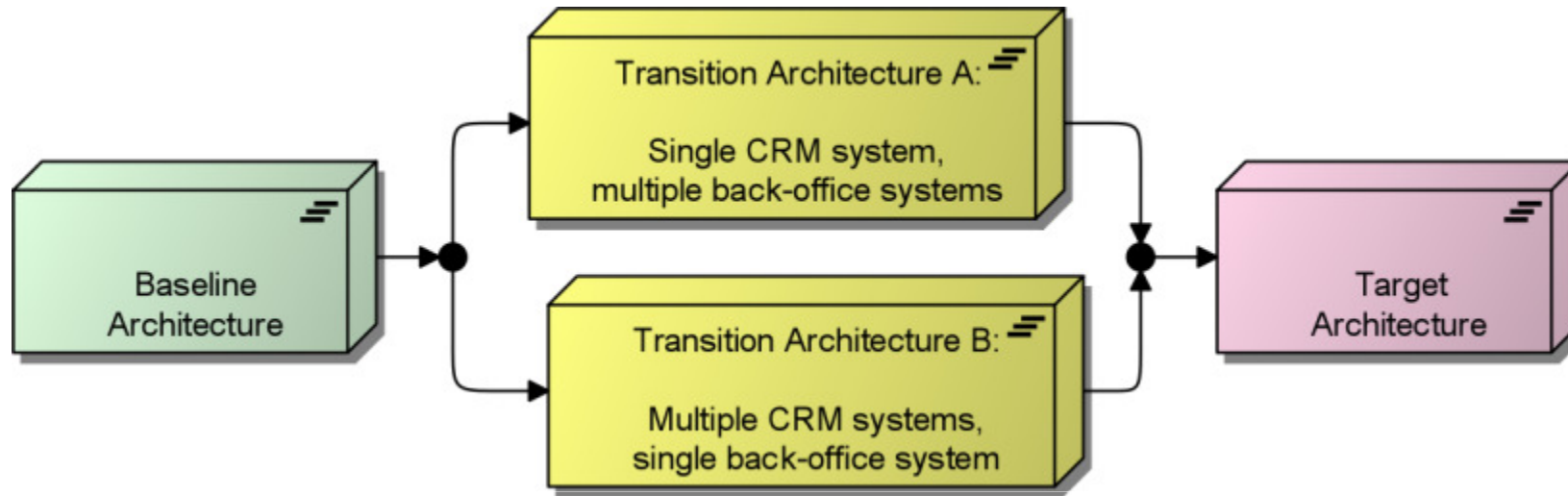
▶ Phases E, F, G: “Making the Architecture Work”

Activities in Phases E, F and G include:

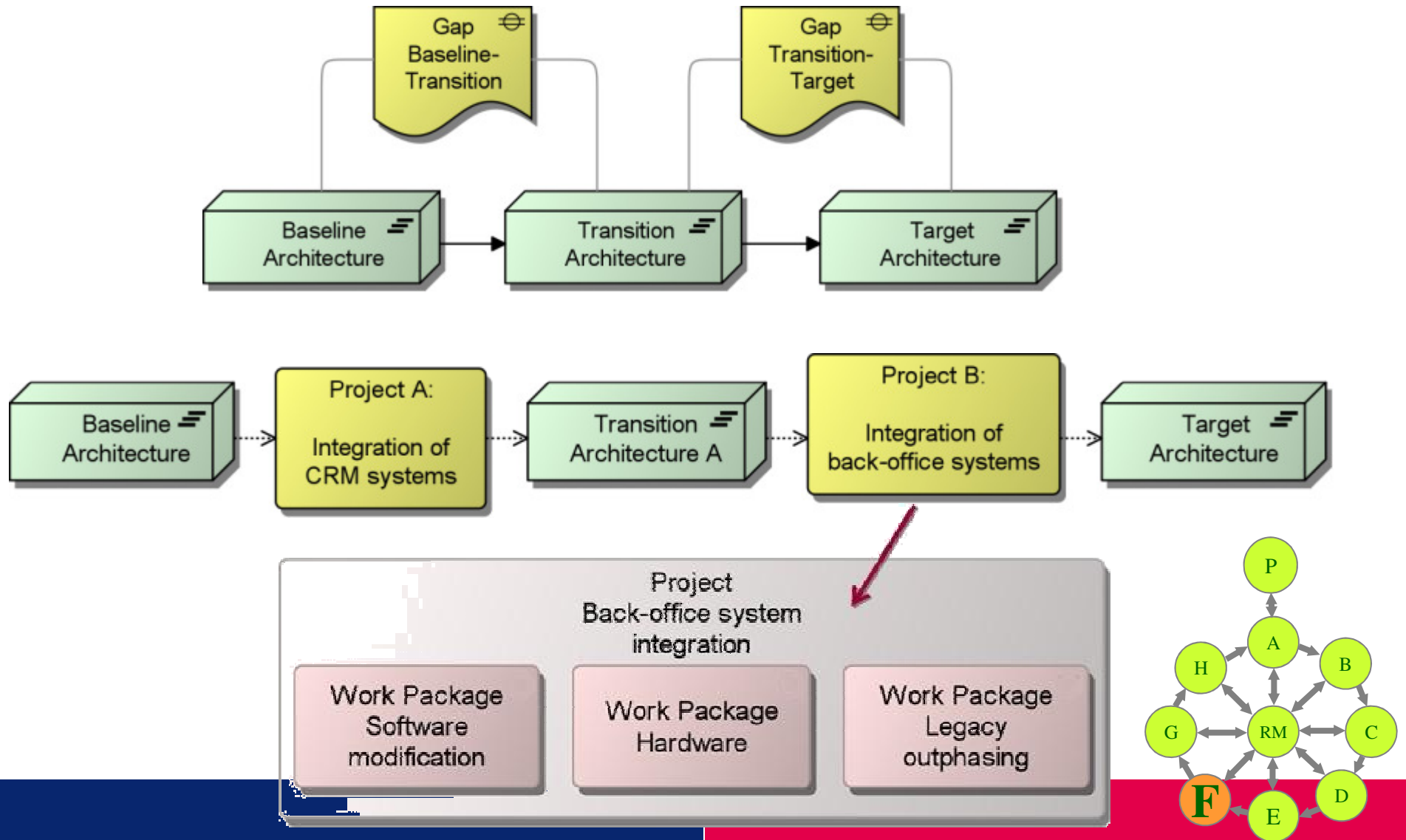
- ▶ Review/consolidate gap analysis results
- ▶ Formulate **implementation & migration strategy**
- ▶ Identify/group/prioritise main **projects/work packages**
- ▶ Identify Transition Architectures
- ▶ Generate Architecture Implementation Roadmap



Transition Architectures



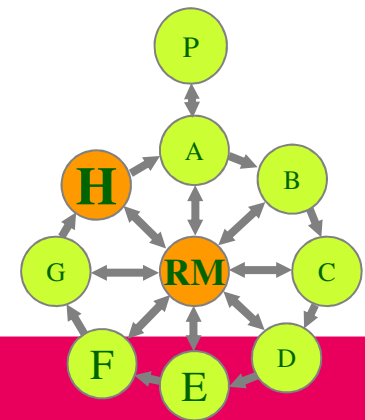
Projects for the Transitions between Plateaus



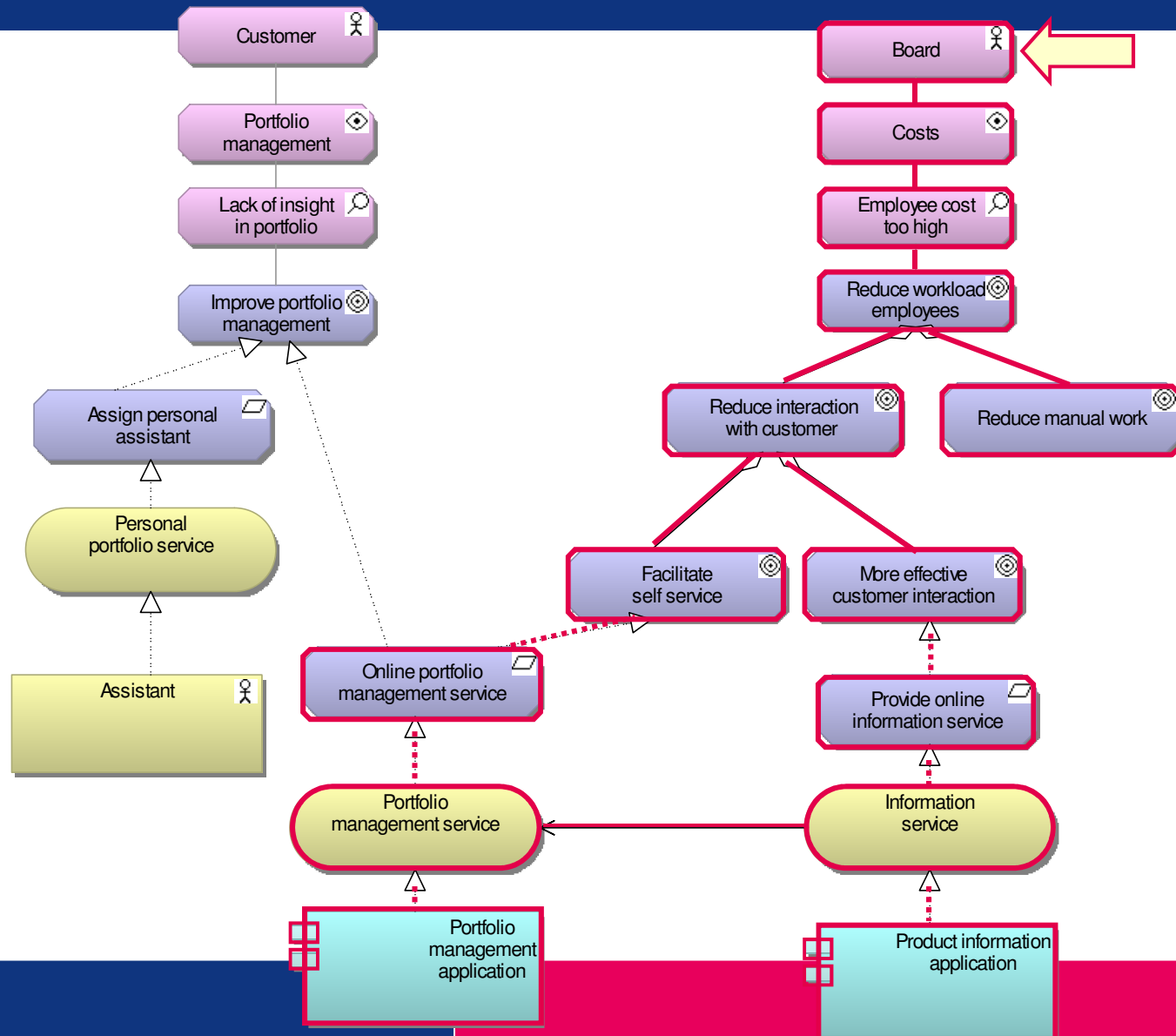
▶ Phases H & RM: “Keep the process running”

Activities in Phase H and the RM process:

- ▶ Baseline **requirements and monitor them**
- ▶ Identify changed requirements
- ▶ Assess impact of changed requirements



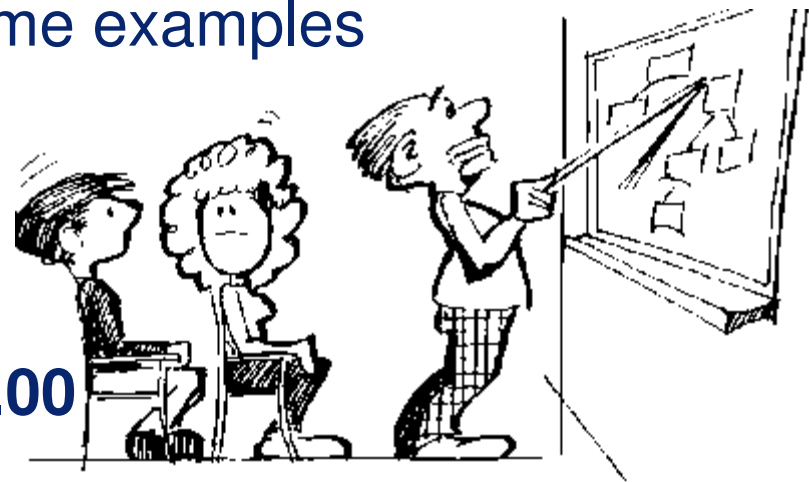
Traceability



▶ Agenda

- ▶ ArchiSurance case study
- ▶ Ingredients of an Enterprise Architecture approach
- ▶ The ArchiMate 2.0 language
 - ▶ ArchiMate Core
 - ▶ Extensions
- ▶ Models throughout the ADM – some examples
- ▶ **Benefits & Conclusions**
- ▶ We have 45 minutes so it will be an introduction - slides available!

Tutorial ArchiMate: Wednesday 9.00



▶ Benefits of ArchiMate Experienced in Practice

- ▶ ArchiMate closes the gap between 'free-format' strategy models and detailed solutions architecture models
- ▶ Consistent and integrated modelling:
 - ▶ It is a tool for knowledge management
 - ▶ It helps to integrate various (types of) models
 - ▶ It enables stakeholder-specific view generation
 - ▶ It enables analysis (gap, what-if, comparison etc).
- ▶ Insight in the various domains, but also their interrelationships
- ▶ It is a widely accepted open standard, i.e., no vendor lock-in
- ▶ ArchiMate makes it easier to communicate with architects across organisational boundaries, domain boundaries and between architect and designer
- ▶ Easy to use, low complexity, step-by-step increase in advanced use



▶ TOGAF & ArchiMate

Form a perfect basis for a tool supported Enterprise Architecture practice!



- ▶ Specifically designed for enterprise architecture
- ▶ integrated, consistent and coherent modelling in various phases
- ▶ Supports generation of compelling views for various stakeholders from a central repository
- ▶ Eases impact, gap and other types of analysis
- ▶ Eases sharing and reuse of models

▶ Do you want to know more?

- ▶ www.BiZZdesign.com: whitepapers, brochures and tool demo, etc.

In your bags please find:
Brochure

Or contact me at:
H.Franken@BiZZdesign.com

Enterprise Architecture



Building Strong Organizations



BiZZdesign – Making Enterprise Architecture Work!

ArchiMate® 2.0 and TOGAF® 9.1 Certification
Enterprise Architecture has become increasingly important to organizations around the world. Not only does Enterprise Architecture enable organizations to respond more quickly to changing customer needs and company goals, but it also allows organizations to plan, analyze, communicate and manage changes in products, processes, applications and infrastructure more effectively.

“The needs of the customer are always well-integrated in the training courses. The trainers are highly qualified and approachable. They know what they are talking about and provide us with great practical tips.”

*Astrid de Heer - de Rooij,
Training Coordinator at the Internal Revenue Service*

Many organizations use TOGAF®, The Open Group Architecture Framework, as the guiding architecture framework, and ArchiMate® as the supporting modeling language; both are open standards managed by The Open Group. With the launch of ArchiMate 2.0 and TOGAF 9.1, Enterprise Architecture has made a significant leap forward.

What can BiZZdesign do for your organization?
With the new ArchiMate extensions and further alignment

consultancy, BiZZdesign makes Enterprise Architecture work in your organization!

BiZZdesign Academy offers certification courses for ArchiMate 2.0 and TOGAF 9.1

To ensure that ArchiMate 2.0 and TOGAF 9.1 are fully understood and consistently applied within your organization, training is of great importance. The success rate of any Enterprise Architecture effort increases dramatically when the use of these instruments is correctly and effectively addressed within your organization. To ensure this success, BiZZdesign Academy offers certification courses for ArchiMate and TOGAF, accredited by The Open Group.

ArchiMate® 2.0 certification courses

- **Foundation training ArchiMate 2.0 Core**
A one day introduction training course on the ArchiMate core language;
- **Foundation training BiZZdesign Architect®**
A one day introduction training course for Architect (ArchiMate tool); this training must be combined with the Foundation ArchiMate Core;
- **Foundation training ArchiMate 2.0 including certification**
A two day ArchiMate 2.0 training (core language with extensions) including The Open Group exam;
- **Foundation training ArchiMate 2.0 with Architect,**

BiZZdesign

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