



WELCOME TO A BOC GROUP WEBINAR

BPM
Business Process
Management

EAM
Enterprise Architecture
Management

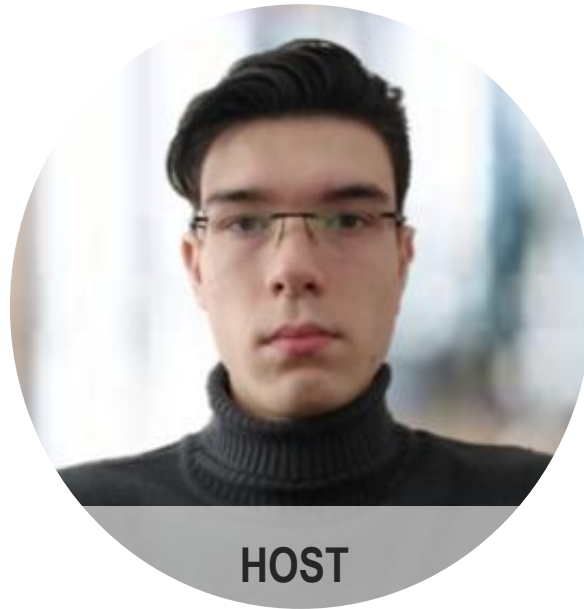
GRC
Governance, Risk
and Compliance



Getting Started with EA

Key Factors for Implementing
EA Successfully in your
Organization

Host and Speaker



MARIN TIKVICA
GLOBAL BUSINESS DEVELOPMENT



TOM BRENNAN
BPM & EA CONSULTANT



Highlights & Focus

In our webinar we will show you the **goals and benefits of EA** on the basis of concrete examples. You get an insight into the following topics:

- ▶ **Fundamentals** of Enterprise Architecture Management – What is EA?
- ▶ **Implementation** of EA – how do I implement EA in my company?
- ▶ **Creating transparency and identifying optimization potential** – how does ADOIT support my EA initiative?



About BOC Group – Facts & Figures

- 🌐 Offices and Partners Worldwide
- 👤 Product, Consulting, Training
- 🎯 0% Outsourcing, 100% BOC Group
- ★ More than 20 Years of Experience



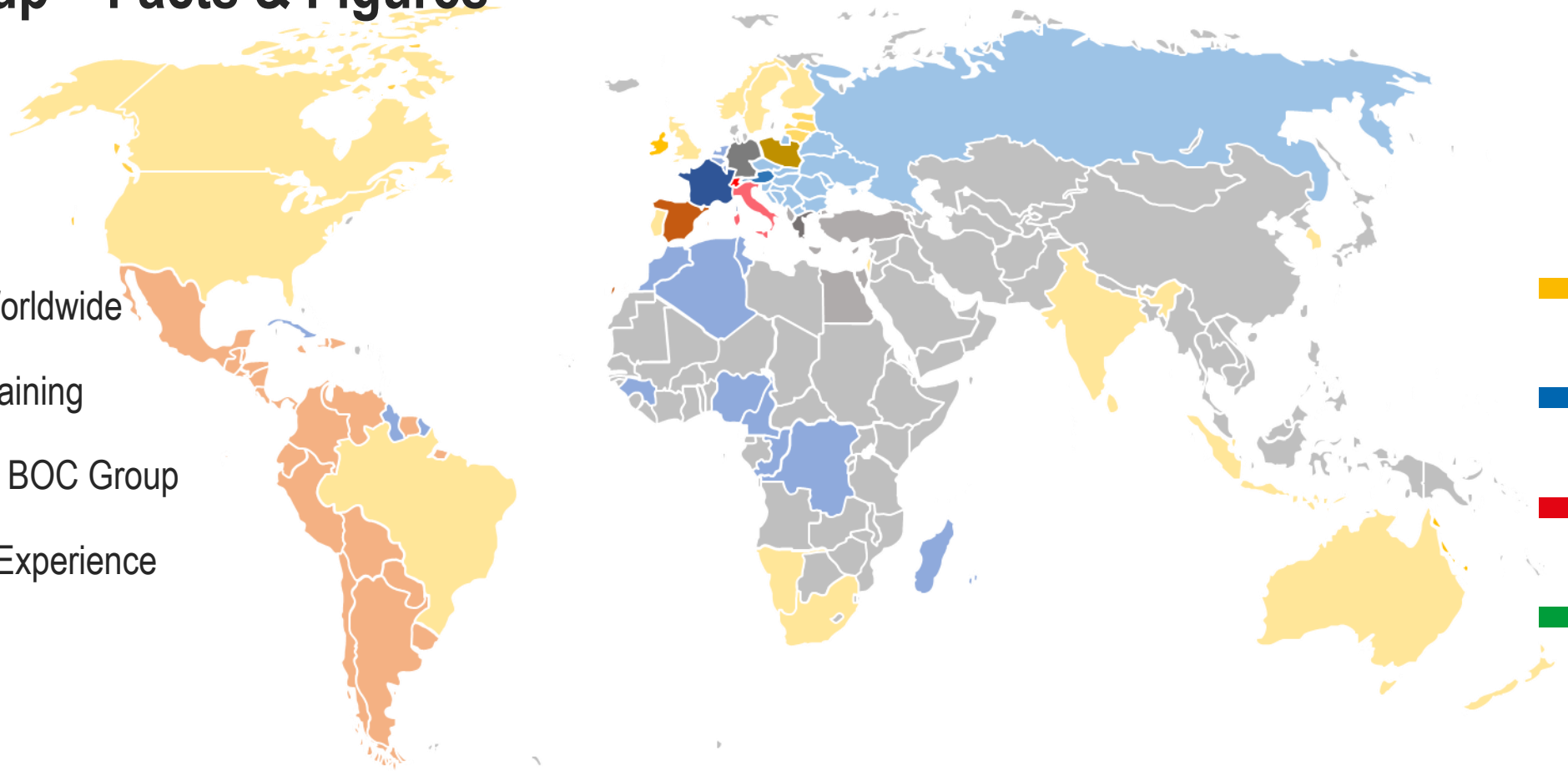
EMPLOYEES
230+
in 8 Countries

CUSTOMERS
1.000+
in 50+ Countries

PARTNERS
90+
in 25+ Countries

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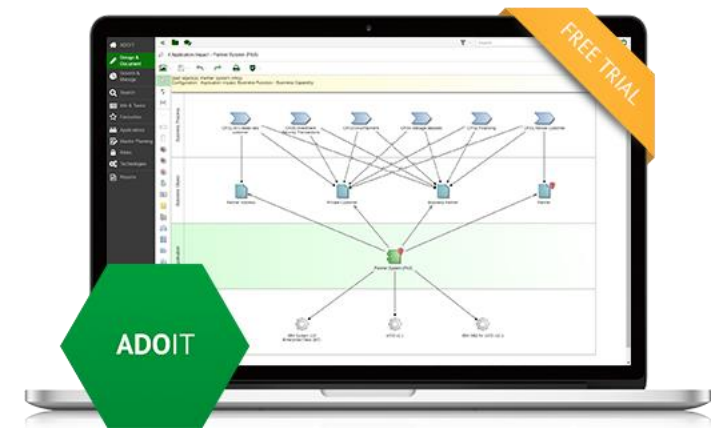
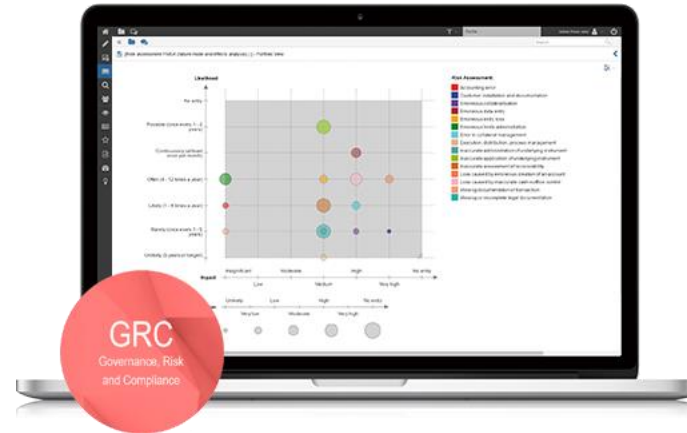
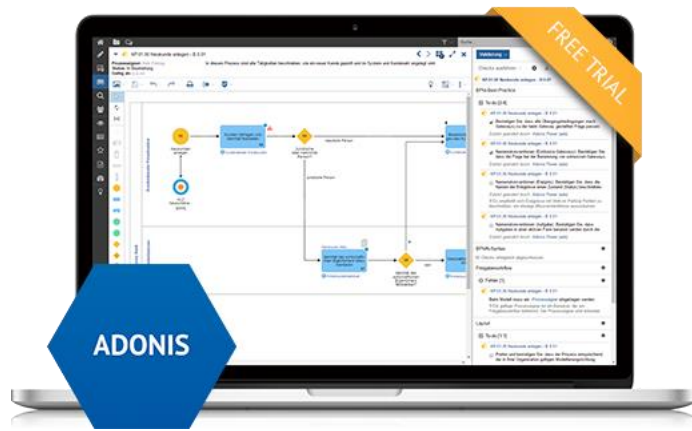



USER COMMUNITY
90.000+
in 120+ Countries

INSTALLATIONS
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in 80+ Countries

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in 20+ Years

BOC MANAGEMENT OFFICE – Enabling Transformation of Business & IT



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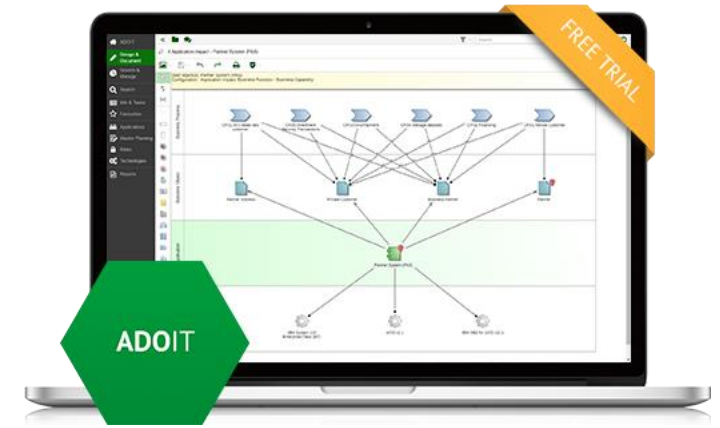
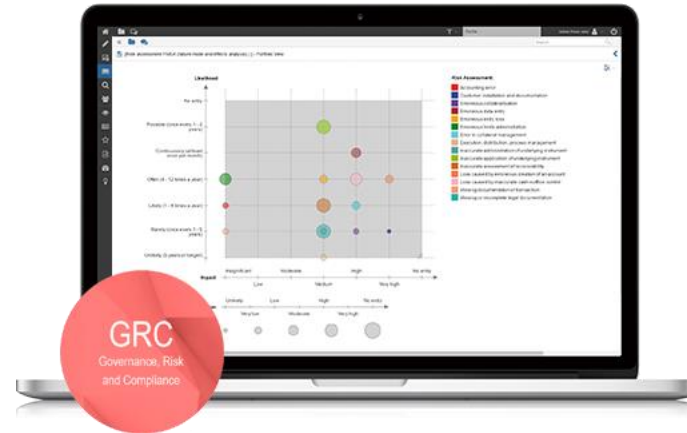
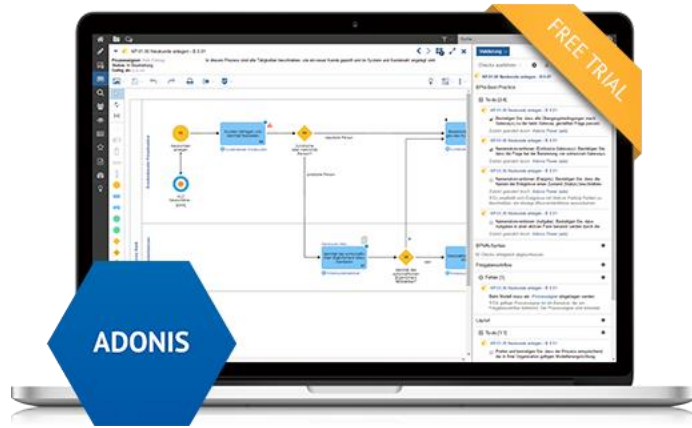
 Expandable scenarios

 Flexible configuration options

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Customer & Analyst Ratings

- ▶ **Leader in Enterprise Architecture Management Suites**, The Forrester Wave™: “Enterprise Architecture Management Suites, Q2 2017”
- ▶ Positioned in the **2017 Gartner Magic Quadrant** for Enterprise Architecture Tools
- ▶ **Gartner Market Guide for Enterprise Business Process Analysis**: Representative Vendor for ADONIS
- ▶ ADOIT featured in **OVUM “On the Radar” Report**



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Getting Started with EA

Key Factors for Implementing
EA Successfully in your
Organization

Today's Content – What to expect

1

What is EA?

Why do I need EAM? How does an understanding of enterprise architecture help me?

2

How do I begin my EA initiative?

Relation between EA and The Open Group Architecture Framework Process model to answer the initial questions EA with ADOIT

3

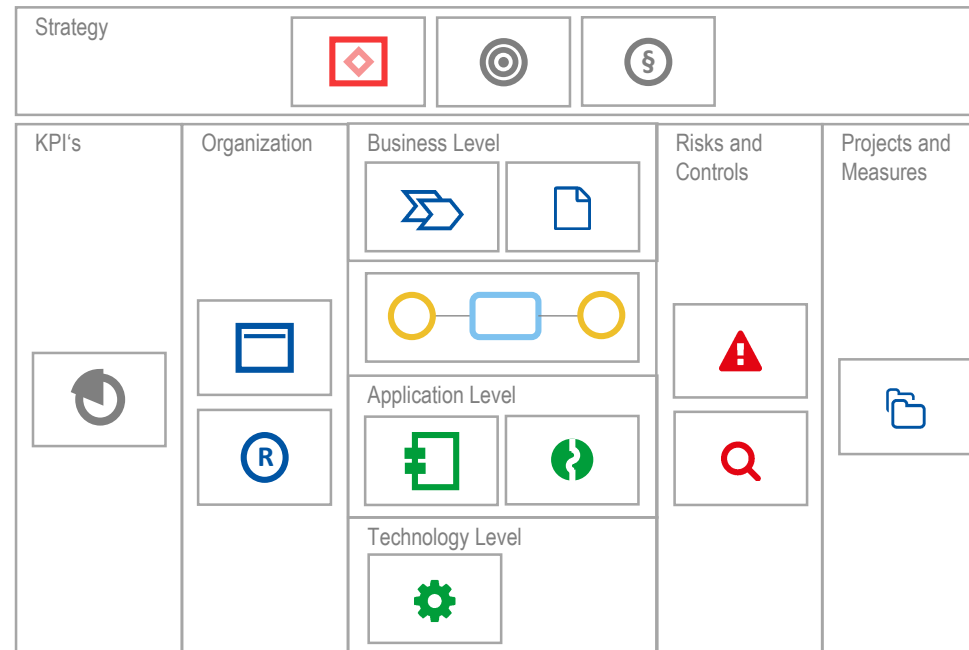
Summary & General Recommendations

Next Scenarios with EA
EA checklist

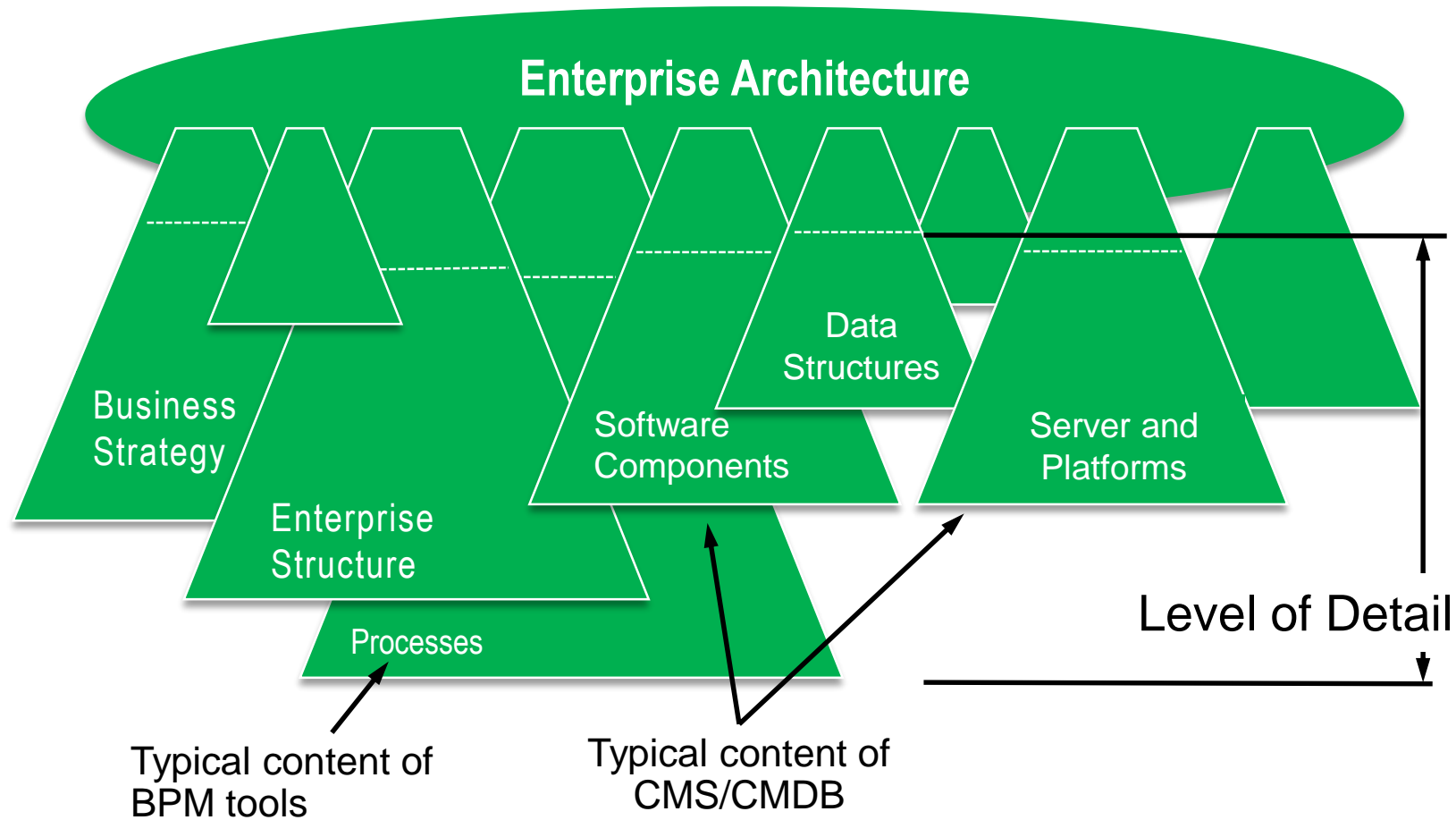


Enterprise Architecture – A definition

Enterprise Architecture (EA) is the **process of implementing corporate vision and corporate strategy**. The focus is on the **consistent description of the relationships between the elements of the business, application and technology levels** of the company. The **collection, description and analysis of the elementary design objects** of an organisation (e.g. goals, products, capabilities, processes, risks, functions, applications) play an essential role.

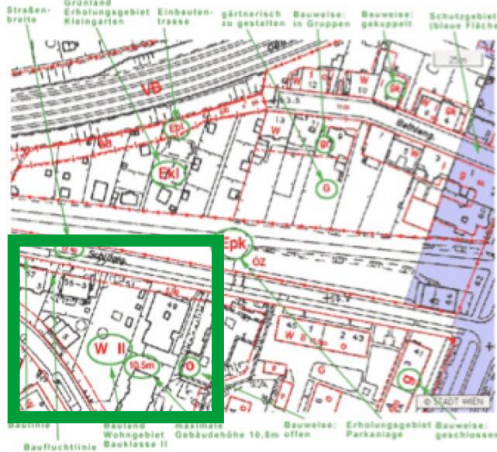


Enterprise Architecture – A definition



Enterprise Architecture – An Analogy to Urban Planning

Development Plan



IT Blueprint

Building Regulations



Architecture Principles

~~Building Plan~~



~~Software Architecture~~

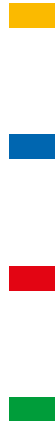


Why do you need an understanding of architecture?

Winchester Mystery House



Source: http://i2.wp.com/99percentinvisible.org/wp-content/uploads/2015/04/Winchester_Mystery_House_San_Jose_CA_C31107.jpg0



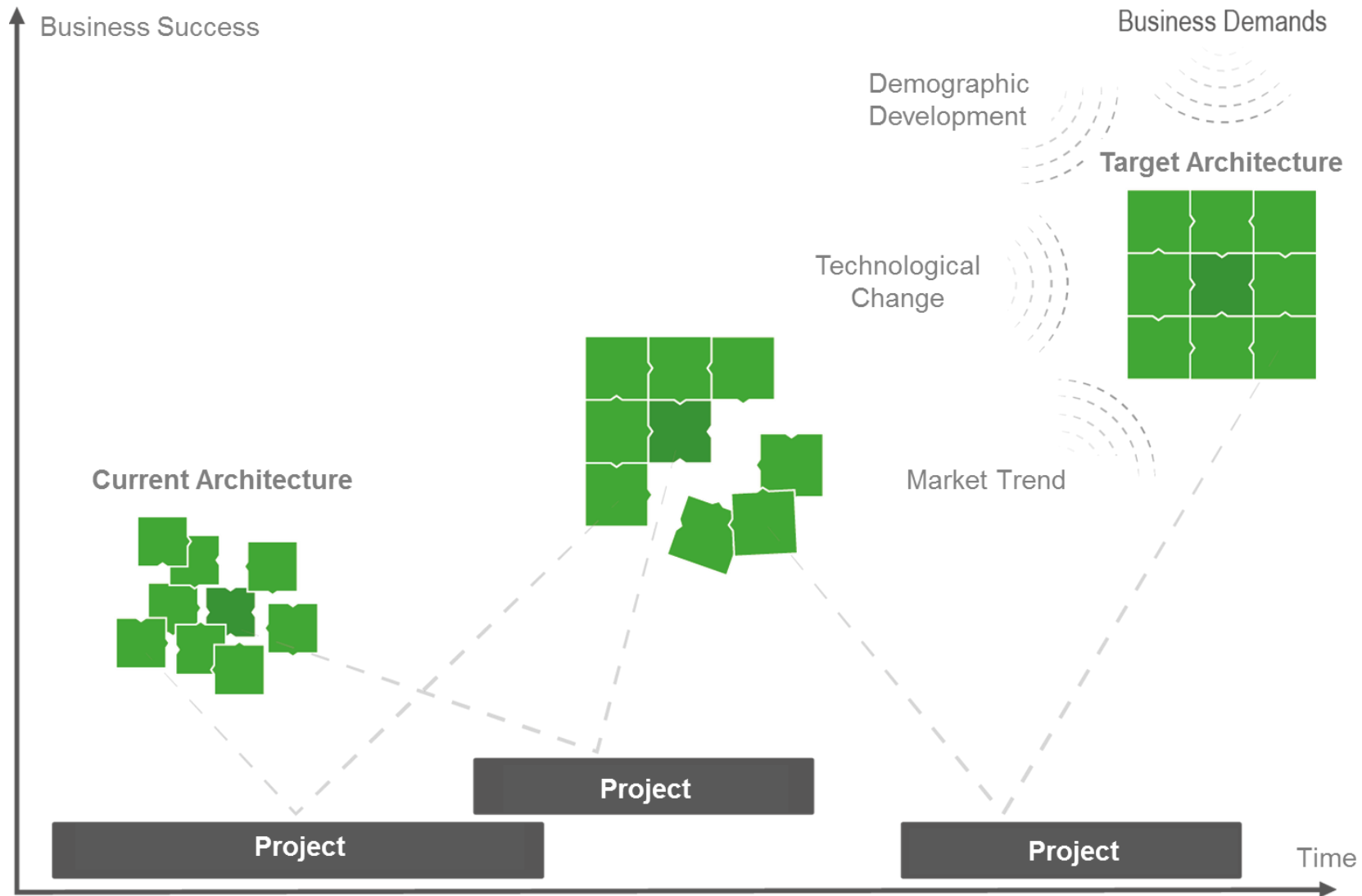
Why do you need an understanding of architecture?

Winchester Mystery House



Source: <http://stargazermercantile.com/wp-content/uploads/2013/03/winchester-across.png>

Why the need for Enterprise Architecture?



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The role of the IT architect

Example of job advertisement

RESPONSIBILITIES AND MAIN ACTIVITIES

- Responsible for designing and implementing IT architectures
- Responsible for managing and initiating all actions required to create, implement and govern the architecture, including project management and planning.
- Responsible for the communication, the creation of standards and governance of the architecture process
- Provides leadership and consultation to multiple programs, studies, and pursuits within the IT area.
- Works closely with IT and Business Representatives to develop mission level requirements, perform feasibility assessments, and establish the Enterprise Architecture

Does this application fit into our architecture?

Is this system / this change "architecture-compliant"?

Which interfaces exist?

Which applications are affected by an I-Explorer upgrade?

How does architectural management evaluate this requirement?

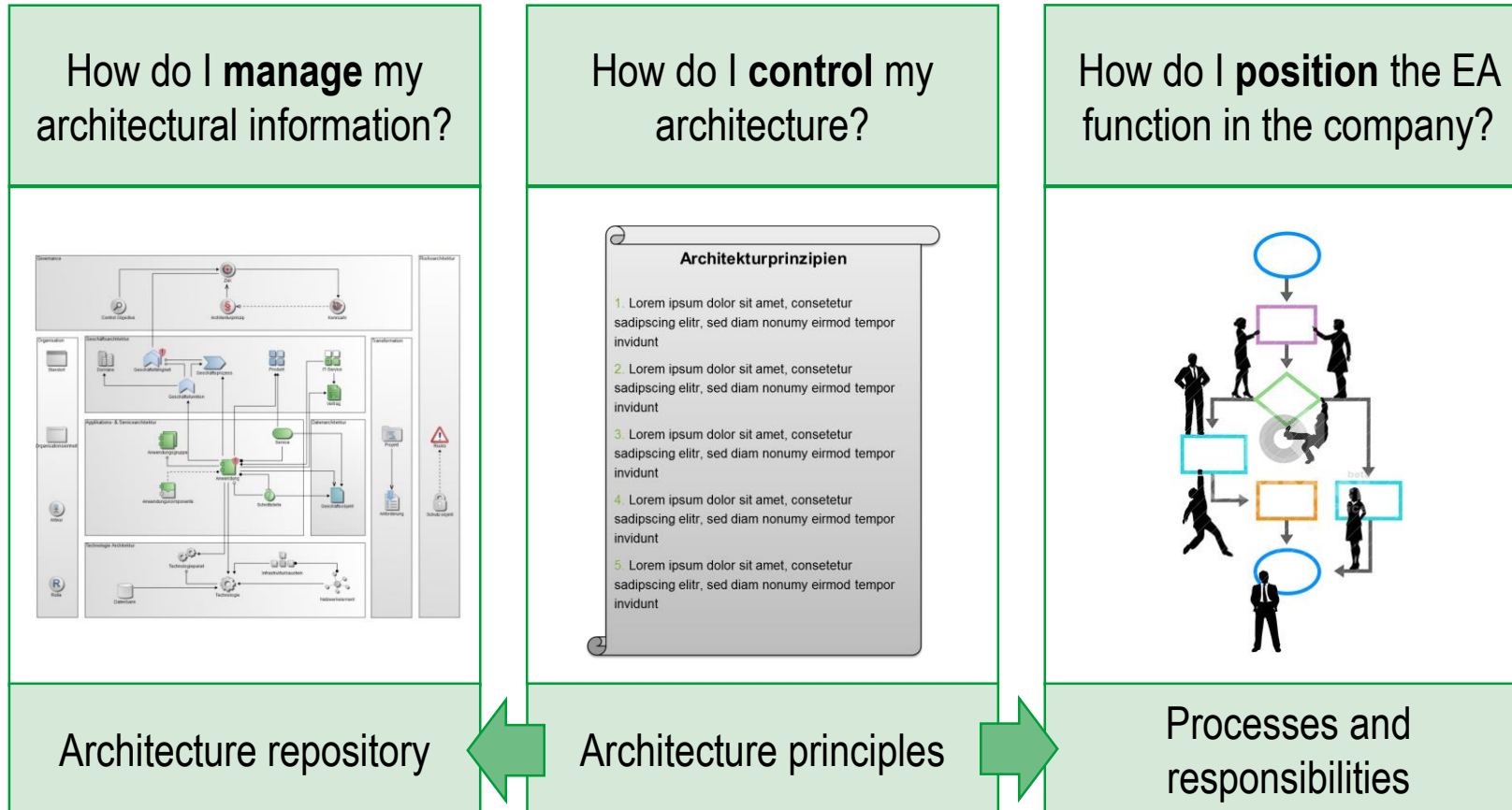
Relation between EA and Open Group Architecture Framework



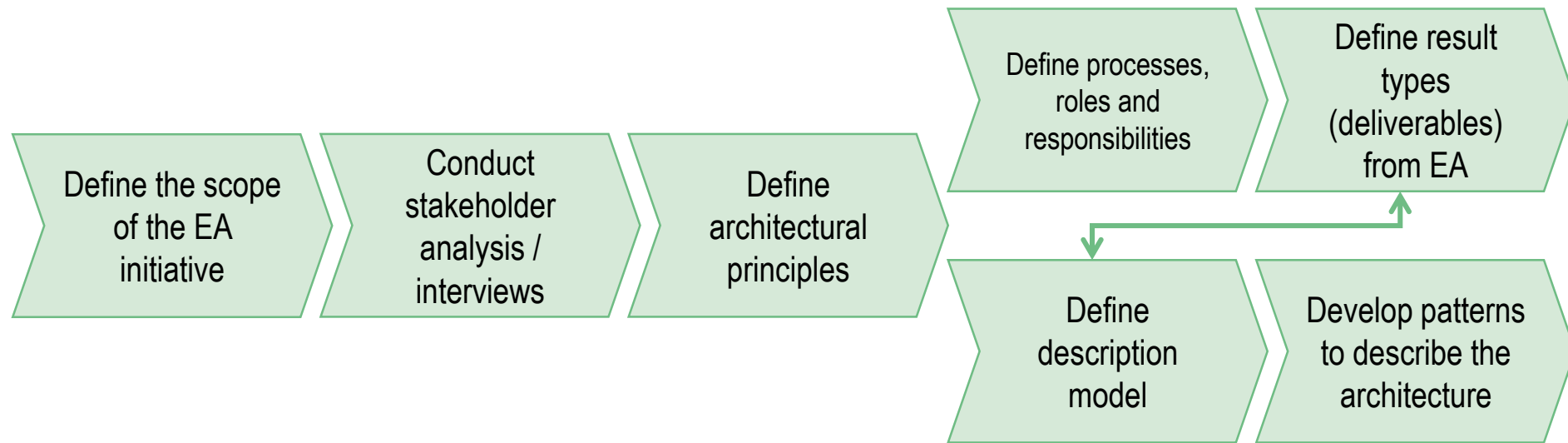
TOGAF Certified



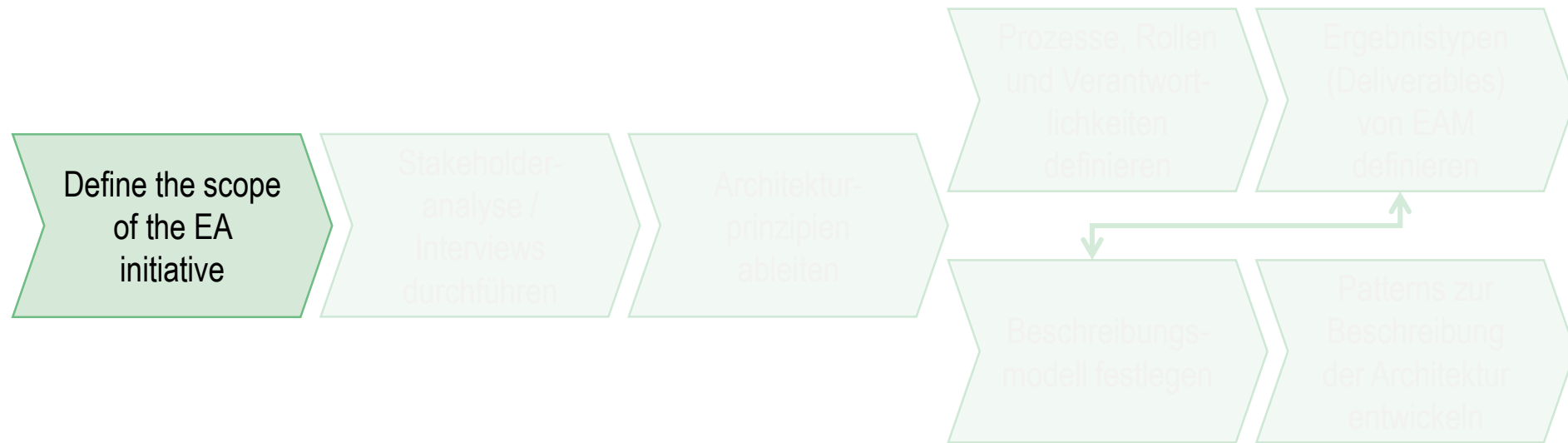
Central decisions for the implementation of architecture management



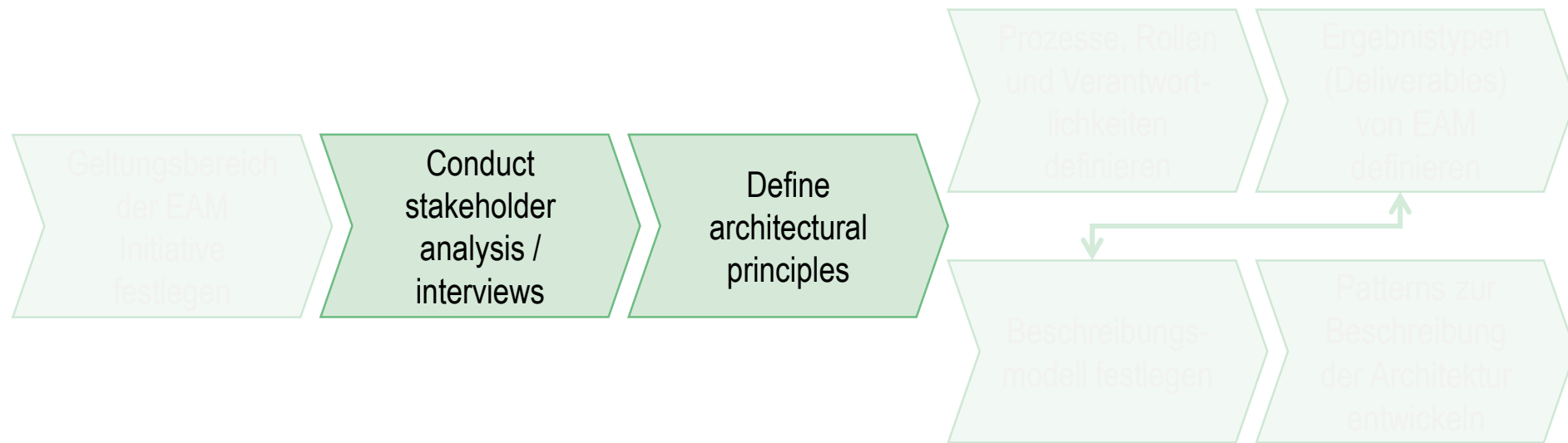
Process model for answering the initial questions



Process model for answering the initial questions



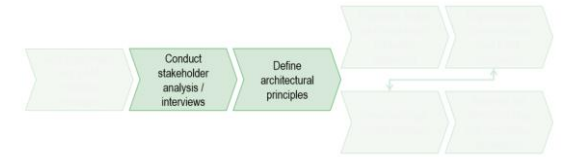
Process model for answering the initial questions



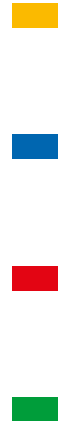
 **Architecture principles**



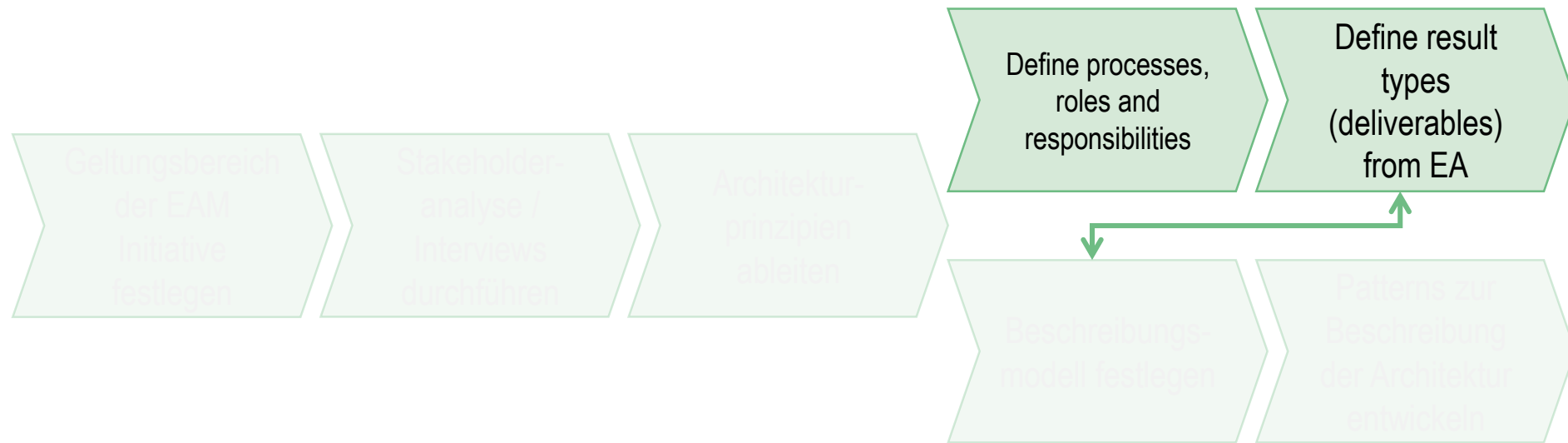
Derive architectural principles



Principle	Business objects are created centrally in one application and distributed to other applications via interfaces (no data redundancy).
Reason	The redundant storage and modification of master and transaction data usually leads to inconsistencies. There must be a leading system defined for each business object.
Underlying statements	CSO: "No data redundancy".
Measure	Business objects (master and transaction data) created / modified by more than one application.
Risk in implementation	-
Risk of non-implementation	Data inconsistency and / or redundancy.



Process model for answering the initial questions



 **Processes and responsibilities**



Defining processes, roles and responsibilities

▶ Who maintains information?



Architect



Application owners



Process manager

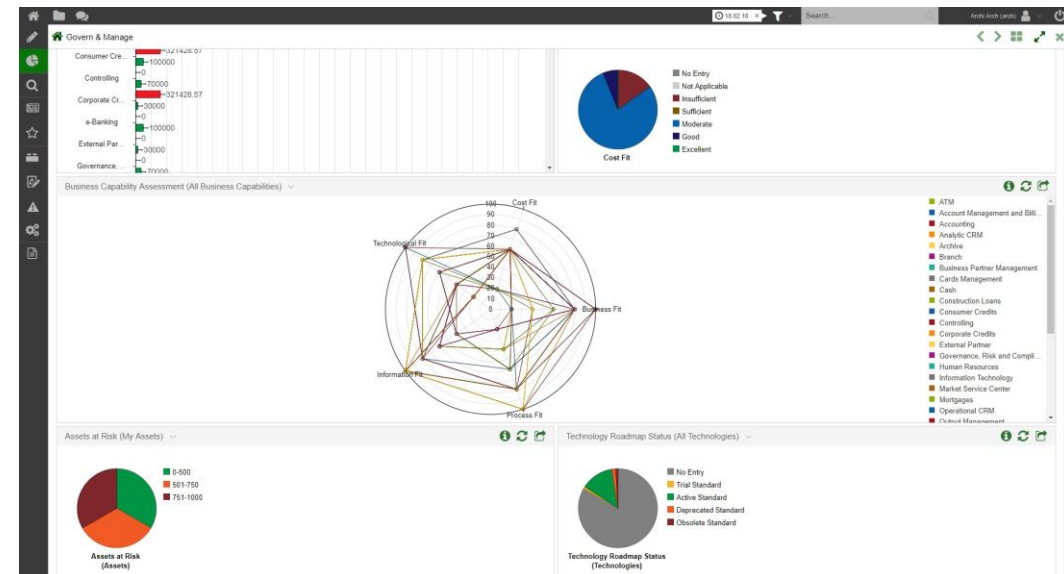


Technology owners

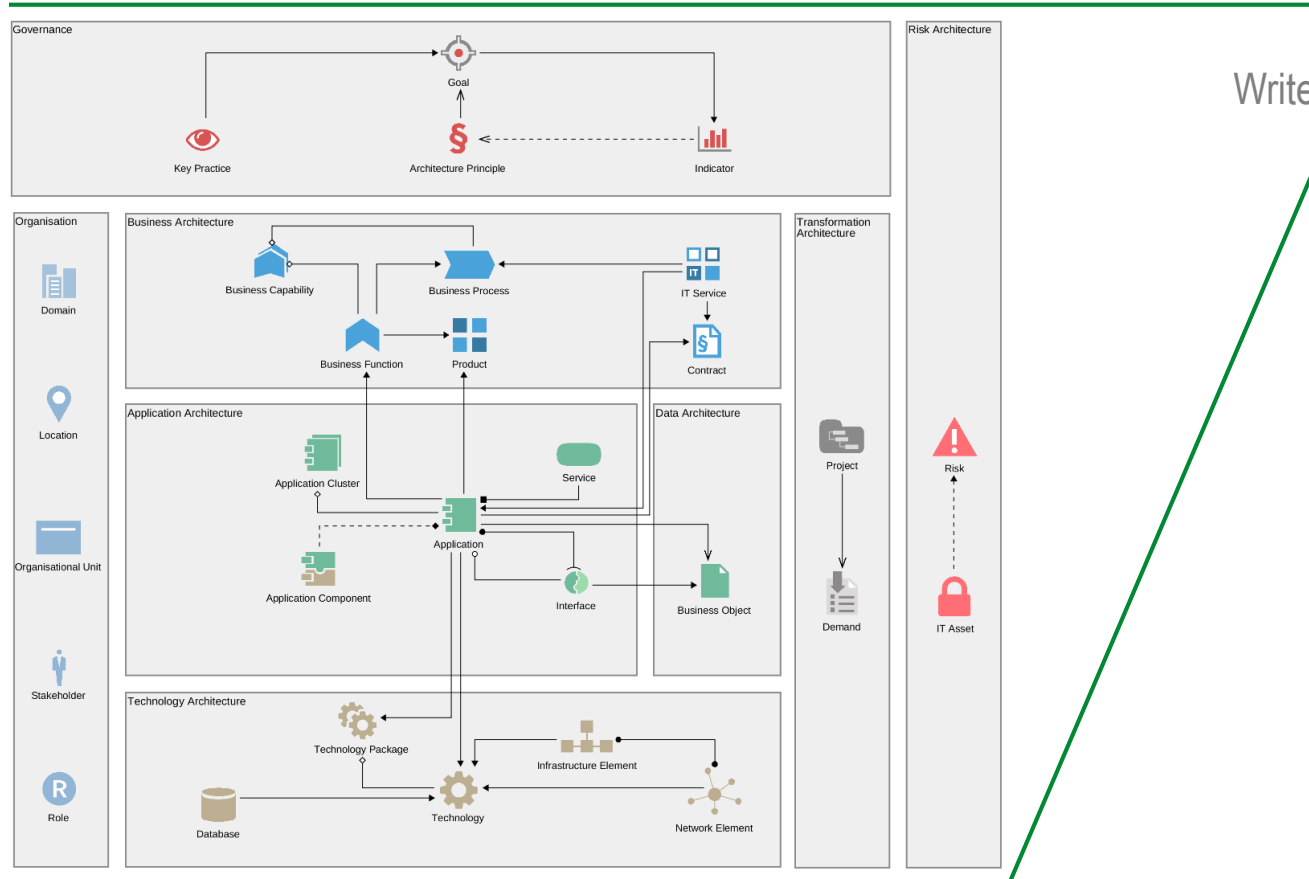
▶ Who checks information?

▶ Who consumes information?

▶ Who needs to be informed?



Defining processes, roles and responsibilities



Architect

Builds and analyses the entire Enterprise Architecture



Contributor

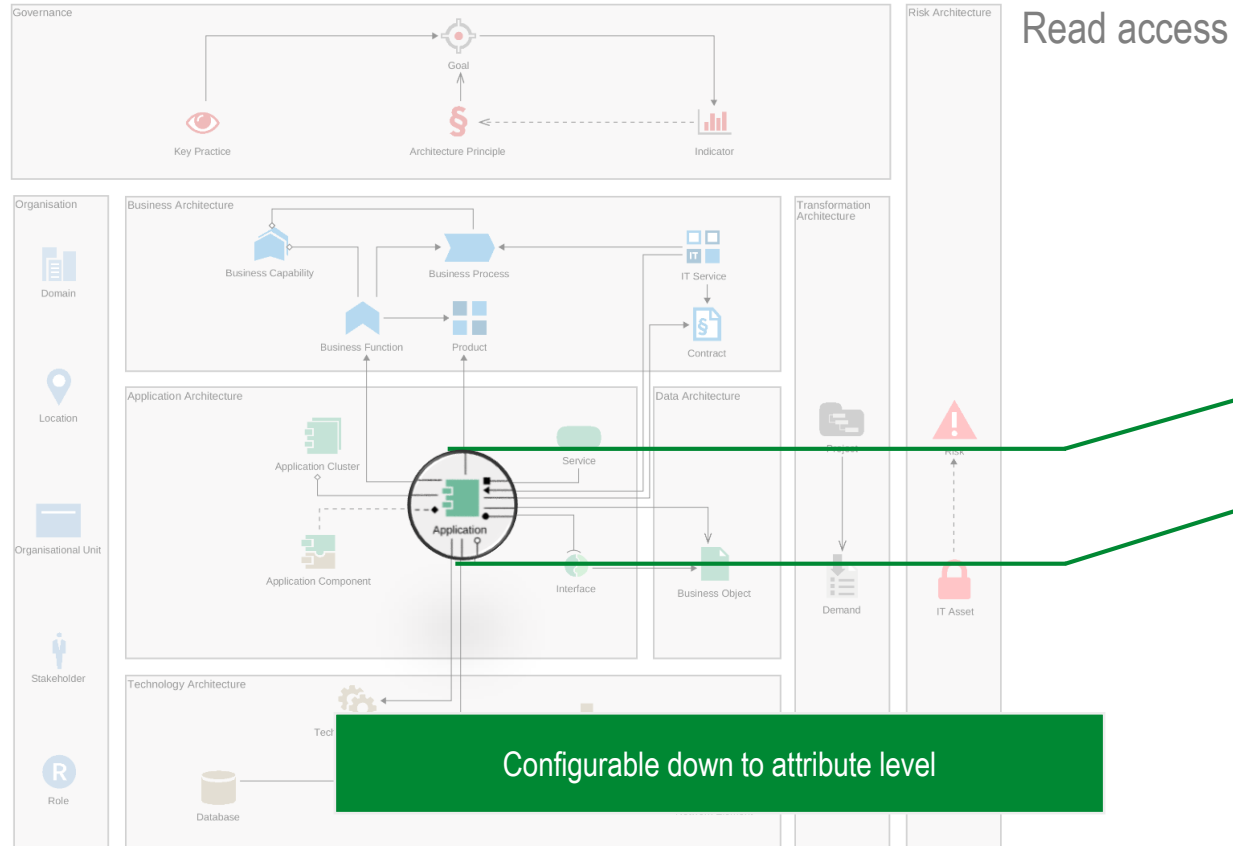
Application Manager, maintains and updates detailed information about his/her applications



Reader

Consumes and analyses architectural data via the Organizational Portal

Defining processes, roles and responsibilities



Architect

Builds and analyses the entire Enterprise Architecture



Contributor

Application Manager, maintains and updates detailed information about his/her applications

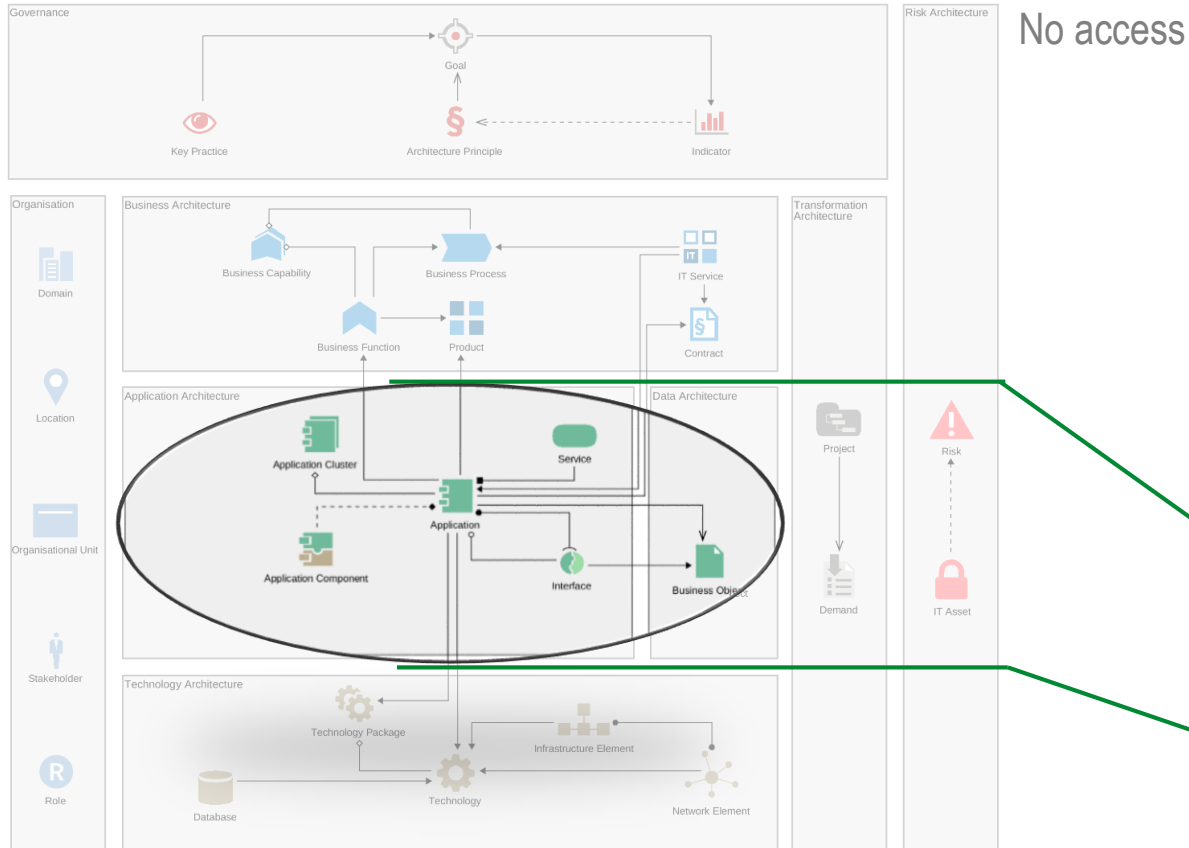


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Defining processes, roles and responsibilities



Architect

Builds and analyses the entire Enterprise Architecture



Contributor

Application Manager, maintains and updates detailed information about his/her applications



Reader

Consumes and analyses architectural data via the Organizational Portal

Read

Defining result types (deliverables) from EA



Goals / Information needs / Result types	Role	Priority
What are the implications of turning off an application for my enterprise architecture?	Enterprise Architect	1
List of all productive applications incl. responsibilities and professional description	Application owners Reader	1
Data flows (from the perspective of a business object) Which applications process which Business Object and via which interface are these Business Objects transferred?	Reader Data-Owner	2
...		



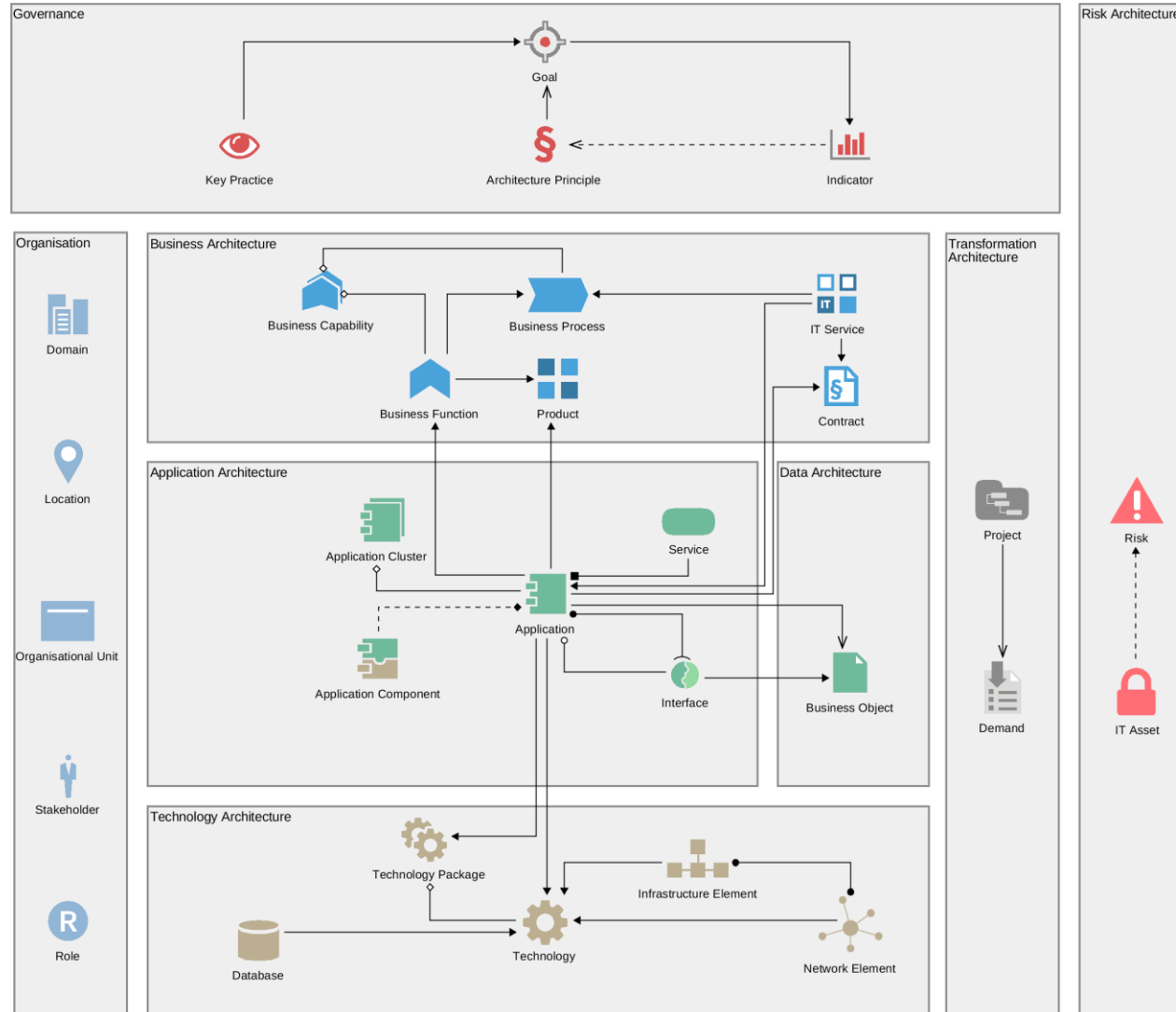
Process model for answering the initial questions



 **Architecture repository**



Description model



Develop patterns to describe the architecture



- ▶ Central vs. Decentralized data management vs. mixed form
 - ▶ How should the data collection and care be done?
- ▶ Checking the Data Update – Maintenance Process
 - ▶ Which objects should be re-evaluated after which intervals?
 - ▶ Who should be allowed to edit this?
- ▶ Validation of architectural information
 - ▶ According to which criteria should objects in the repository be validated?
 - ▶ What are the mandatory attributes for filling the architecture repository?
- ▶ Model and object group structure
 - ▶ Which structure should be used to store objects and models in the repository?
- ▶ and much more



Live-Demo



Enterprise
Architecture

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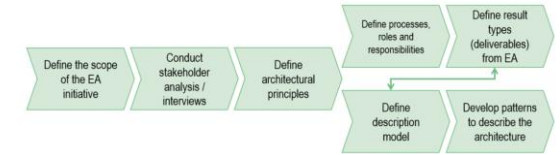
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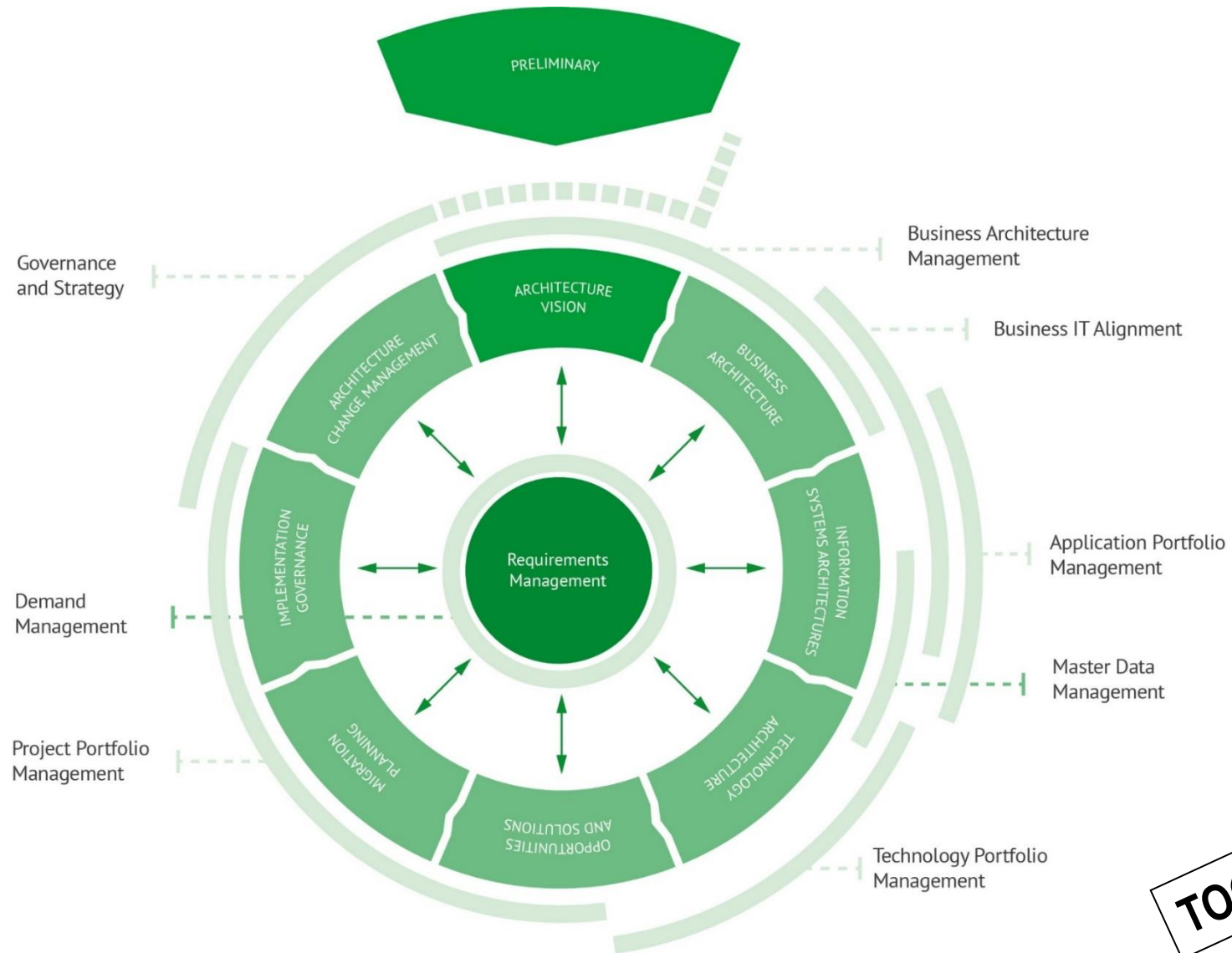
Connections – example



Principle	Business objects are created centrally in one application and distributed to other applications via interfaces (no data redundancy).																		
Architecture Repository																			
Processes and responsibilities	<p>Application managers must define and continuously verify which business objects are being used (Create, Read, Update, Delete). For new implementations, this dependency must be clarified in advance.</p>																		
Result types	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>Order #</th> <th>Phone</th> <th>Address</th> </tr> </thead> <tbody> <tr> <th>SAP ERP</th> <td>CRUD</td> <td>CUD</td> <td></td> </tr> <tr> <th>EasyPartner</th> <td>R</td> <td>R</td> <td>CUD</td> </tr> <tr> <th>eShop</th> <td></td> <td> CU</td> <td>R</td> </tr> </tbody> </table>				Order #	Phone	Address	SAP ERP	CRUD	CUD		EasyPartner	R	R	CUD	eShop		CU	R
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SAP ERP	CRUD	CUD																	
EasyPartner	R	R	CUD																
eShop		CU	R																



Next Scenarios with EA



TOGAF Certified



EA checklist – The way to success



Small steps (not a **Big Bang Approach**)



Early determination of manageable and **measurable goals**



Start with a **minimal** (but goal-oriented) Metamodell



Introduction of the **Role concept**



Definition of **EA processes**



Easy access to the EA information for all parties



Consistent **tool** support



Communication of the project results with your stakeholders



Start your EA initiative with ADOIT



ADOIT – the next generation EA suite

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Next Generation Enterprise Architecture

- 💬 Free Trial with EA collaboration with another colleagues
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- ✅ 30-day free access

GET YOUR 30-DAY FREE TRIAL

OF ADOIT TODAY!

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ADOIT

Start EA together with us

Do you have a task that requires support in

- ▶ Implementation of EA
- ▶ Creation of application and service architectures
- ▶ Implementation of Master Data Management
- ▶ Set-up of IT Governance
- ▶ Introduction of ITIL - processes and organization
- ▶ Business - IT Alignment
- ▶ and much more...

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Make changes in your enterprise architecture actively

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Making ArchiMate business-fit

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Optimizing Business Processes: Methods and Best Practices

Processes and services standardized and risks under control

4

Key Criteria when selecting an EA tool

Criteria and best practices in tool selection

5

Implementation of the EU General Data Protection Regulation (GDPR)

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