



ADOIT

Enterprise Architecture Suite



BOC Group
Design Your Enterprise

Welcome to our new webinar!

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ArchiMate Patterns in ADOIT

Unlock the Power of Reusable Architecture



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The Challenge



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Every modelling exercise starts with decisions:

- ▶ What should I model?
- ▶ Which ArchiMate elements should I use?
- ▶ Which relationships are relevant?
- ▶ How much detail is appropriate?
- ▶ How do I make sure others model it consistently?

Without guidance, the same modelling situation can be handled differently every time.



What is an ArchiMate Pattern?

A reusable modelling solution for a recurring architectural solution

A Pattern provides:

- ▶ A predefined modelling structure
- ▶ Relevant ArchiMate elements and relationships
- ▶ Guidance on what information to capture
- ▶ Clear scope and intent
- ▶ Examples and modelling guidance
- ▶ A rationale for why the structure works

Instead of starting from blank canvas, you start from a proven structure.



How are Patterns used?

Pattern → Populate → Reuse

1. **Identify** the architectural situation
2. **Select** the appropriate Pattern
3. **Populate** it with organization-specific information
4. **Reuse** the resulting architecture

The Pattern provides the structure. Your organization provides the content.

Why use ArchiMate Patterns?



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Patterns help make modelling:

- ▶ Consistent – similar situations are modelled in similar ways, by all users
- ▶ Efficient – less time spent deciding how to model
- ▶ Higher Quality – agreed structures and relationships
- ▶ Accessible – easier for non-architects to contribute
- ▶ Reusable – knowledge and modelling approaches can be applied repeatedly

Spend less time deciding how to model – more time modelling the organization.



Practical Example: AI System

“We have introduced a new AI system. Add it to the EA.”

But what does “AI System” mean in ArchiMate?

- ▶ AI System is a real-world concept
- ▶ It is not itself an ArchiMate element
- ▶ Which element should represent it?
- ▶ Which relationships should it have?
- ▶ What information should we capture?
- ▶ How should it connect to the existing architecture?

Without a Pattern, these decisions may be made differently every time.



The AI System Pattern

The Pattern turns modelling decisions into a reusable approach

The Pattern defines:

- ▶ How the AI System is represented
- ▶ Which ArchiMate elements are used
- ▶ Which relationships are relevant
- ▶ Which information should be captured
- ▶ How the model should be structured
- ▶ Why this modelling approach was chosen

Make the modelling decision once. Reuse it many times.

Current ArchiMate Patterns in ADOIT



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Patterns in ADOIT address different recurring architecture situations, such as:

- ▶ AI System Repository – supporting the EU AI Act
- ▶ Capability Modelling
- ▶ Application Portfolio Management
- ▶ Enterprise Data Model
- ▶ ... and many more to come

The initiative is ongoing – with more Patterns, examples and guidance being developed.

Why ADOIT?



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Connected building blocks – not isolated templates

In ADOIT, Patterns are not designed to work together across the architecture:

- ▶ Business Layer
- ▶ Application Layer
- ▶ Technology Layer

This enables:

- ▶ Reuse of existing repository objects
- ▶ Traceability across architecture
- ▶ Consistent semantics
- ▶ Incremental modelling
- ▶ Analysis and visualization across domains



Get more with ADOIT Forms

With ADOIT Forms, Patterns become a simple way for others to contribute architecture information:

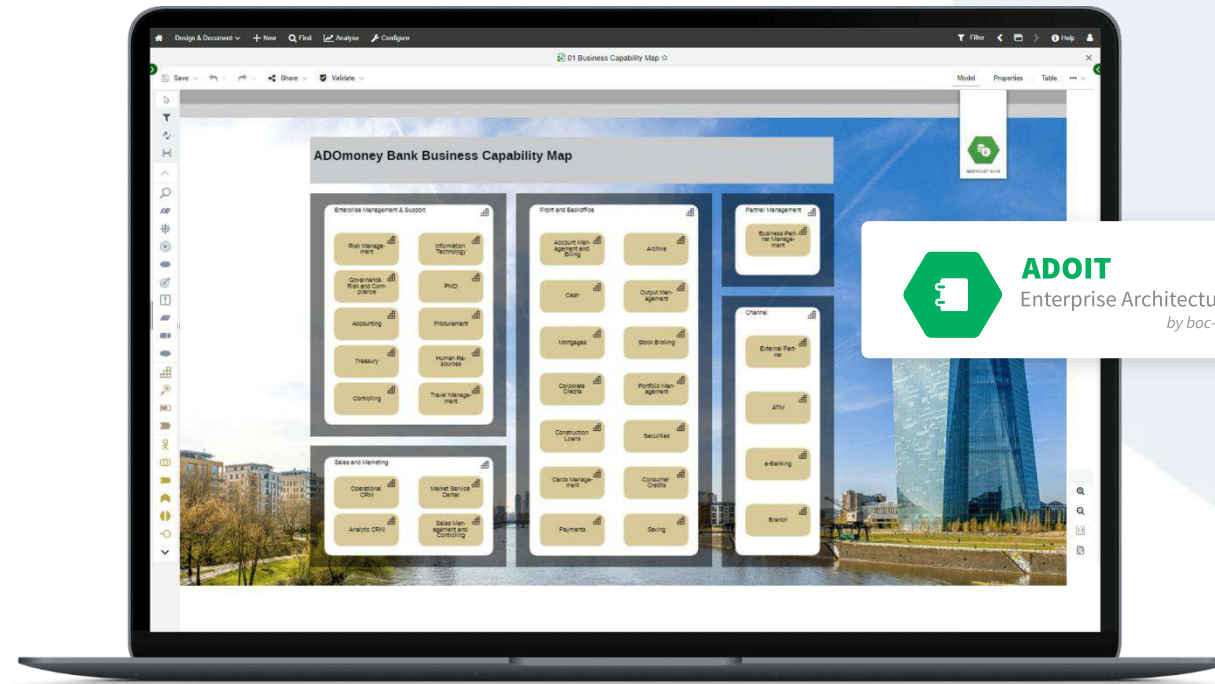
1. Pattern
2. ADOIT Form – Questionnaire
3. Objects & Relationships in the Repository

The Contributor can focus on simple questions, such as:

- ▶ What is the AI System called?
- ▶ What does it do?
- ▶ Who owns it?
- ▶ Which capability does it support?
- ▶ Which applications or data does it use?

The user provides information. The Pattern provides the structure.

LIVE DEMO



Make your business run better.

What we provide with each Pattern



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1. Scope and Intent
2. Design Principle
3. Modelling Structure
4. Why this Structure Works
5. Do's and Don'ts
6. Example

What's Next?

- ▶ We're just getting started!
- ▶ We're continuing to develop additional patterns AND the content around them:
 - ▶ Blog posts
 - ▶ Webinars
 - ▶ Online Documentation
 - ▶ Examples
 - ▶ Additional guidance to putting the patterns into practice

Our goal: Develop a coherent set of architecture building blocks that can work together in ADOIT.

Summary:



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- ▶ Don't start with a blank canvas. Start with a Pattern.
- ▶ Define once – the modelling approach
- ▶ Reuse many times – across the architecture
- ▶ Connect everything – through the repository
- ▶ Make it accessible – so more people can contribute

Patterns don't replace architectural thinking – they make it reusable.

Take Away:

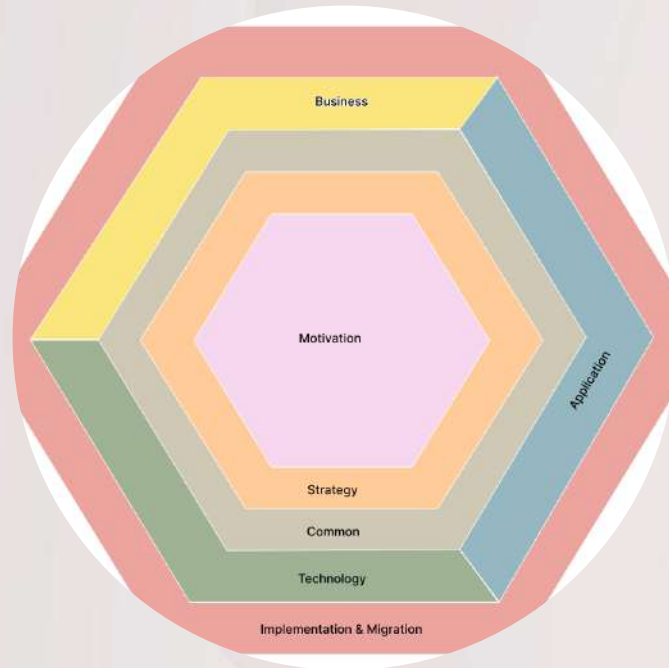


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1. Patterns make modelling easier
2. Patterns make modelling more consistent
3. Patterns make architecture reusable

Your Ideas Matter!

Which real-world architecture problems would you like to solve with an ArchiMate Pattern?



Help us shape the next one!

We are continuously developing ArchiMate Patterns to help organizations address recurring modelling and architecture challenges.

Share your idea now!

Scan me



Q&A Session

Feel free to send any questions our way even after the webinar.



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Thank you for your attention!

Your next steps:



Let's find your best path forward!

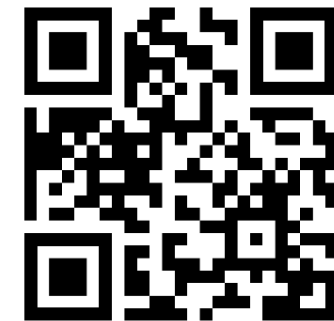
Chat with our specialists to explore the best ways to implement EA & BPM tailored to your organization.

Get in touch!



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