

# SPARX

*SERVICES* CENTRAL  
EUROPE



SPARX SERVICES CE: CUSTOMER REFERENCE

THE TWELVE

COMMANDMENTS

OF EAM

Michael Bald has been dealing with Enterprise Architecture Management (EAM) for years and likes to use Enterprise Architect for this purpose. For him it is decisive that the business architecture is always at the centre of all considerations regarding EAM. To illustrate this, he has defined twelve commandments from his experience to successfully implement EAM in a company.



Michael Bald,  
specialist for  
Enterprise  
Architecture  
Management (EAM)

When Michael Bald, specialist for Enterprise Architecture Management (EAM), talks about his favourite topic, you immediately notice that it is a matter close to his heart:

*“To implement EAM in a company, you need clear guidelines and a consistent concept. It is quite clear that the business architecture must always be the starting point. This is the only way to operationalize the strategy, which leads to the desired improved internal communication and the reduction of time-to-market and costs (the TCO - Total Cost of Ownership)”.*

Enterprise Architect uses Bald in this approach to improve communication and clarify responsibilities:

*“Especially at the management level, responsibility for the decisions made must also be taken. This is where Enterprise Architect helps me to convey the most important relationships in an understandable, graphic language! The big advantage is that the graphic representation of the business is also easy to understand and sufficiently detailed for management”.*

## ENTERPRISE ARCHITECT SUPPORTS EAM VERY WELL



Peter Lieber, founder  
of Sparx Services CE

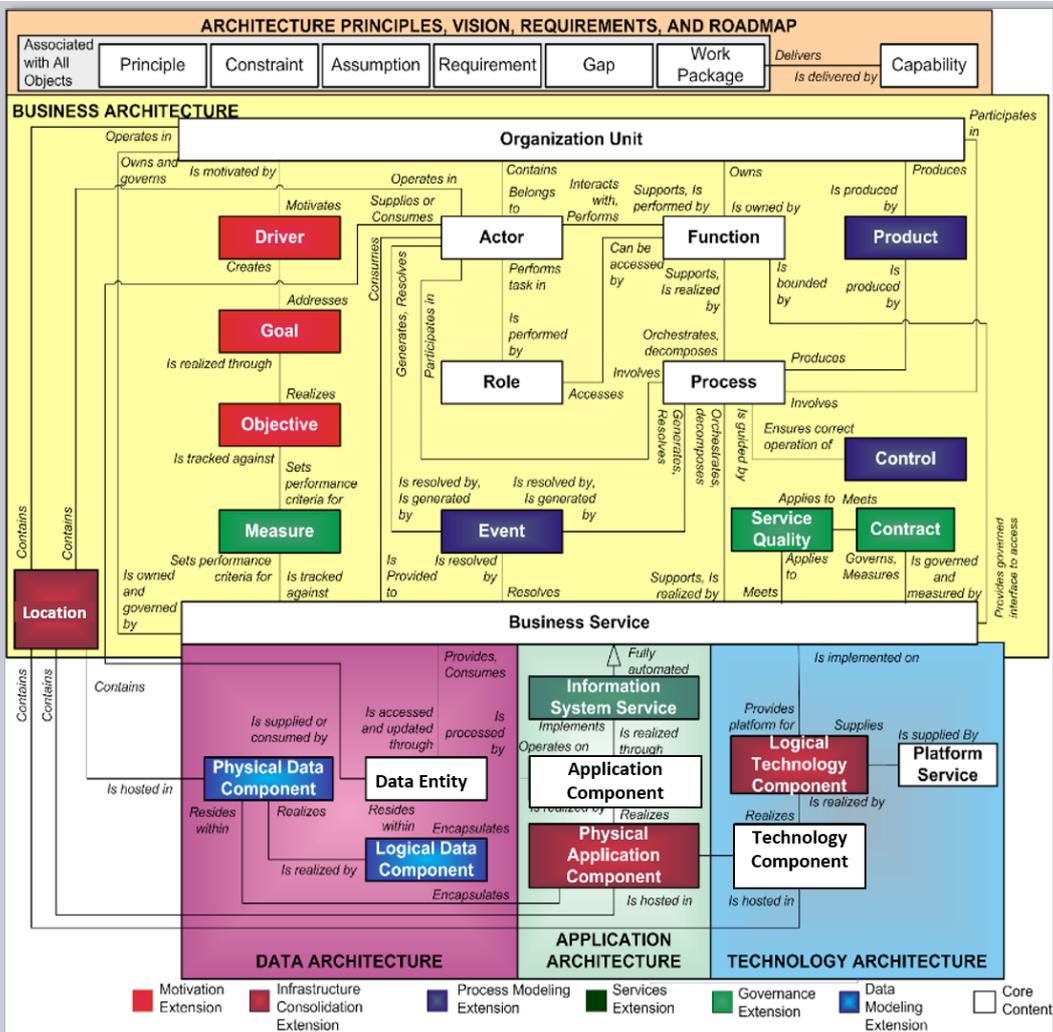
The EAM specialist appreciates the flexibility of Enterprise Architect and the many technologies contained in the tool that support EAM. This tool can be used to operate all levels, but it is important not to start work from the application level. Peter Lieber, founder of Sparx Services CE:

*“We are proud that Michael Bald is using Enterprise Architect as the central tool in the EAM process. Clear communication in the EAM process is ultimately the basis for the success of a project. As a partner company of Sparx Systems, we have the competence and expertise in the targeted use of Enterprise Architect. In addition to the tool, method, experience and (modelling) languages are the sustainable starting points for the successful establishment of EAM.”*

## ACCURATELY SURVEY BUSINESS SERVICES

Bald pleads for the EAM to be based on several standards: TOGAF, ArchiMate, BPMN and UML combined in the right way would bring the greatest benefit. At the start of the procedure, it is important to record and precisely describe the business services (not to be confused with the business capabilities) and their responsibilities that are provided in the company. ArchiMate and Enterprise Architect are used for this, and the company's business service landscape is created. In ArchiMate the business services are recorded (Who does what?), Enterprise Architect, on the other hand, is

used for business process mapping (How and when is the business service provided?). If the business services are known, then the business processes of the business architecture can be modelled LIVE in Enterprise Architect with the responsible persons. Bald knows from his own experience that even untrained people can complete this task after one or two weeks of training.



Michael Bald's 3rd EAM commandment: ALWAYS start with business architecture - „Business Architecture FIRST!“

## ADAPTING BUSINESS SERVICES TO NEW REQUIREMENTS

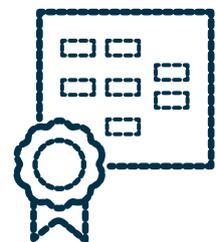


Based on the status quo that has now been established, it is easy to work on changing the business services. This requires close coordination with the management in order to define them in a way that is appropriate for the target group. „Ultimately, the management is responsible for the newly defined business services or other value-adding activities, so precise coordination and approval is essential,“ says Bald.

Once agreement has been reached on the services, the next step is to build the business architecture on this. Since this architecture supports management in its work, it is important to map the specific information needs of the various stakeholders. ArchiMate is used for this in conjunction with the view concept defined in TOGAF. Since both standards come from the Open Group, they model the enterprise architecture in the four TOGAF architecture domains of business, application, data and technology architecture. This is combined with the Business, Application and Technology layers defined in Archimate. All domains are connected step by step, always following the motto „Business Architecture FIRST!“

## THE MODEL IS THE TRUTH

Finally, the EAM specialist would like to see the awareness, that the model, the Digital Twin of Organisation (DTO), is ultimately the central source of information for EAM projects. „In the building authority it is clear to everyone involved that the only binding answer to controversial questions lies in the architectural plans. For me, this applies just as much to EAM information as it does to business service landscapes and business processes, which are also very complex and where the truth defined in the definition process must be found in the models“.



1

Don't define a metamodel first, but start with architecture standards and restrict these standards to your needs

7

The business services are recorded by the architecture team to relieve and support the business (the departments).

2

For EAM several standards are needed. So use the languages TOGAF, ArchiMate, BPMN and UML combined

8

Always concentrate on the business services. Put capability or function maps on the back or leave them out altogether, they are castles in the air!

3

ALWAYS start with the business architecture

9

Use LIVE Business Architecture Modeling to talk to the Business Service Owners: After each meeting there is an approved architecture diagram

4

In the beginning there are always the Business Services (TOGAF & ArchiMate), which are provided by people

10

TOGAF and ArchiMate are your friends, use them

5

Define a person for each business service who will also take responsibility for it - this is the only way to operationalize the strategy

11

Also show the upper management levels the business model (DTO), as everything is very well represented here

6

The business architecture takes precedence over the application architecture

12

Set up EAM as a business service independent of IT

## ABOUT SPARX SERVICES CENTRAL EUROPE

We are experts in the planning, design and implementation of active Enterprise Architecture Management (EAM) based on Enterprise Architect (Sparx Systems). As a practice-oriented sparring partner, we support organizations in software-intensive industries. Our focus is on benefit-oriented application, transparency and individuality for our clients' EAM projects and their consulting ecosystems.

We rely on proven technologies and open standards (ArchiMate, TOGAF, BPMN...), best practices and current market challenges such as Cyber Security Modeling.

# WE COME TO YOU TO TALK ABOUT **EAM** **PLANNING.**

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