

# BiZZdesign Architect® for enterprise architecture

*Adapting quickly and flexible to changing customer needs and company goals is of vital importance to a growing number of companies. As a consequence, changes in principles, products, processes, organization, applications and infrastructure are large, and need to be made clear upfront. Increasingly, enterprise architecture is used at strategic and tactical levels of organizations. Coherence between the different parts of an enterprise architecture is important, since isolated technology architectures do not provide the required enterprise-wide view. Communication with different stakeholders is extremely important, both from business departments and from IT departments. Moreover, impact of change analysis provides insights into the consequences of changes, both within that part of the architecture where the change occurs, as well as across the whole enterprise architecture. Enterprise architecture is more than just modeling and visualizing technology architectures. An understanding of all the relationships between the individual architecture domains is extremely important when planning and managing strategic changes.*

BiZZdesign Architect® is a solution for enterprise architecture, consisting of a tool, methods and techniques, consultancy and training. Architect® supports modeling enterprise architectures, visualizing and analyzing relationships and dependencies between the architectural domains, analyzing the impact of change, etc.

BiZZdesign Architect is based on the ArchiMate project ([www.archimate.com](http://www.archimate.com)). ArchiMate® is a registered trademark of Telematica Institute. Architect® is ArchiMate® compliant, approved by Telematica Institute.

## Architectural domains and relations

Architect supports the modeling of several architectural domains, at multiple levels of detail: products and services, business functions, business processes, organization, applications, infrastructure, and data. In addition to ArchiMate®, other Enterprise Architecture frameworks and approaches like DYA®, IAF, March®, Tapscott, TOGAF, Zachman, and variants are all supported by Architect. Users can decide which architectural domains and which properties to model. Besides objects in these frameworks, one can also add other concepts such as business goals and objectives, projects, architecture requirements, critical success factors, and relate these to the ArchiMate objects in the architecture model and views. This enables visualizing the relation between critical success factors or architectural principles and the objects in the model.

Using Architect one can effectively add and maintain relationships between architectural domains by drawing relationships in a view or by adding checkmarks in a cross reference table.



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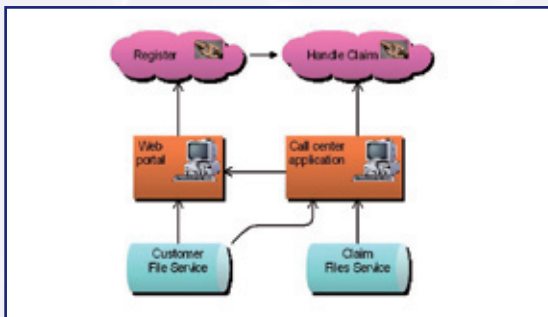
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### Input and visualization

An advanced graphical editor facilitates easy drawing of architecture models and views. Architect provides a simple and quick way to import tables from Office applications, enabling for example, the import of a list of applications in a single step. Architect generates views to visualize these objects in a variety of ways using color and labels. Automatic layout supports one-click generation of attractive overviews of the enterprise architecture.

### Viewpoints and views

Architect allows you to define your own viewpoints, on the basis of which views can be created or generated. In a viewpoint one defines which concepts and relationships are shown and displayed in that particular view. Architect's powerful visualization mechanism enables effective and efficient communication with different stakeholders.



### Impact analyses

Architect supports the analysis of the impact of changes. Examples of changes include: replacing an application, changing a product, changing an architecture principle, or renewing an infrastructure component. Architect clearly shows what the impact of such a change is in which part of the architecture.

### Dependencies and landscape maps

Querying and visualizing the dependencies between architectural domains is supported in different ways: using colors or labels in the graphical

model, or by generating overview tables. Landscape maps facilitate "stacking" these relations and dependencies in a map-like overview (such as 'which departments use which applications to support which business processes'). Architect shows direct relationships, and also deduces indirect dependencies in the enterprise architecture.

Service	Customer File Service	Claim Files Service	Web portal	Call center application	Register	Handle Claims
Accounting service						
Administrative service						
Financial service						
Human Resources						
Transportation infrastructure						

### Publication

All models, parts of models or views can be directly published on an intranet or in Word. By choosing which part of the model and which properties of model elements are published, the publication can be precisely aimed at the relevant stakeholders. Also the style and mark-up of the publication can be determined by the user. Reading these publications does not require any additional tool licenses.

### Repository

Architect uses a repository based on Oracle or SQL Server to store models. This repository supports version management and enables multi-user support. For smaller organizations, Architect is also available with a repository based on a shared file.

### Methods, training, consultancy

The tool BiZZdesign Architect is supported with effective methods and techniques for enterprise architecture, practical training and consultancy.

### More information?

For more information on Architect® and the other products and services of BiZZdesign, please contact BiZZdesign.

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