All elements
Metamodel (by Layer)
Motivation Layer (simplified)
Strategy Layer (simplified)
Business Layer (simplified)
Application Layer (simplified)
Technology Layer (simplified)
Physical Layer (simplified)
Implementation and Migration Layer (simplified)
Cross Layer: Business / application
Cross layer: business / technology
Cross Layer: application / technology
Relationships
Relationships

Association to relationship
Derived relationships

Derived relationship appear as light grey in diagrams

Derived relationship are marked as ‘*’ in the link creation UI
Nesting support

- A pop-up window proposes the relevant relationships (structural + access + specialization) when drag and dropping an object within another object
  - If there is only one possibility, the relationship creation is silent

- Multiple selection is supported, both for same object types or heterogenous object types
  - The relationship type is asked for each link
Motivation

Products & Services Goals
- Client Satisfaction Goal
- One Stop Principle
- Treatment Time Principle

Financial Goals
- Costs Goal
- Occupancy Principle
- Licence Principle

ICT Goals
- TCO Goal
- Component Principle
- Infrastructure Principle
Strategy – Capability Map
Actor Cooperation
Business Function
Business Cooperation view
Organization Structure

Arch Insurance

Front Office
- Customer Relations
- Intermediary Relations

Back Office
- Home & Away
- Car
- Legal Aid

- Finance
- Product Development
- HRM

Document Processing SSC
Service Realization
Application Behavior

Policy Creation Service

Home & Away Policy Administration

Policy Creation

Calculate Risk ➔ Calculate Premium ➔ Create Policy ➔ Store Policy

Read

Write

Write

Insurance Request Data

Insurance Policy Data

Customer File Data
Application Cooperation
Application Structure
Technology & Physical – implementation and deployment
Technology
Implementation & Migration
Viewpoint Mechanism
Viewpoint Definition

- The viewpoint definition is declarative so that users can create their own viewpoints.
- A viewpoint is defined by the selection of metaclasses to be displayed in the toolbar.

E.g.
- The “Layered” viewpoint is defined by enabling all ArchiMate Concepts visibility.
- The “Capability Map” viewpoint is defined by enabling Capability, Outcome, Resource and Relationships.

Concepts allowed in viewpoint:
- ArchiMate Capability
- ArchiMate Concept Relationship
- ArchiMate Outcome
- ArchiMate Resource
View Creation Wizard

When creating a new view for a model, the applicable viewpoint can be selected.

This automatically activates the available “diagram views” in the ArchiMate diagram and opens the diagram with the corresponding toolbar.

This is not restrictive; the user can activate / deactivate relevant “diagram views” in a diagram w/o having to change the viewpoint.
Properties
Properties can be user defined within a model, in applicable formats (e.g. “Production Date”, in Date format)

For a given property, the applicable concept can be defined (e.g. “Production Date” applies to Application Component only)

The properties is then listed in the applicable elements property page
appendix
Custom Shapes Color changing

Alternative shapes with different colors can be defined for any ArchiMate shape as customization through the HOPEX Studio shape editor, deriving from standard shapes (1)

Note: this can be computed based on an attribute or link

The end user can access alternative shapes for an element in a diagram by right click > ‘shapes an details’ (2)

Otherwise, the objects name font or color / background color can be changed by the end user using MS Office like font controls (3)
Diagram specific shapes for the same object

Same object with specific shape in different views / diagrams
Drill up: diagrams containing an object

- Right click on an element > ‘diagrams containing object’ this element can be reach through a dedicated navigator showing all the diagrams the object appears in.
- Additional navigation (drill up, drill down, properties) is then possible via a wheel within this diagram navigator, enabling easy graphical navigation and browsing of diagrams.
Objects in diagrams

Object properties (attributes, relationships) are consistently accessible for a given object, regardless of the diagram it is accessed from.
Relationships line color and width can be changed by the end user using MS Office like controls.
From ArchiMate to other notations

E.g. right click on a ‘ArchiMate Business process’ allows to reach the BPMN diagram describing the corresponding ‘HOPEX Organizational Process’ object.

The same applies to other mapped concepts (see mapping in standard documentation page 96).