
ArchiMate Viewpoint: Physical Viewpoint

In the [ArchiMate](#) language, a viewpoint is a relevant subset of ArchiMate elements and relationships, put together on a diagram in representing a particular part of an architecture. ArchiMate suggests a set of [example viewpoints](#). Each of them comprises elements from different layers. Besides, the Grouping element, Junction, and Or Junction can be used in every viewpoint. These basic viewpoints can be used as starting points for modeling efforts. But keep in mind that these example viewpoints should not constrain modeling activities. Organizations should modify the example viewpoints or even to design their own viewpoints in addressing specific stakeholder concerns. This article describes one of the many example viewpoints - The Physical Viewpoint.

What is an Physical Viewpoint?

According to [ArchiMate 3.0.1 specification](#):

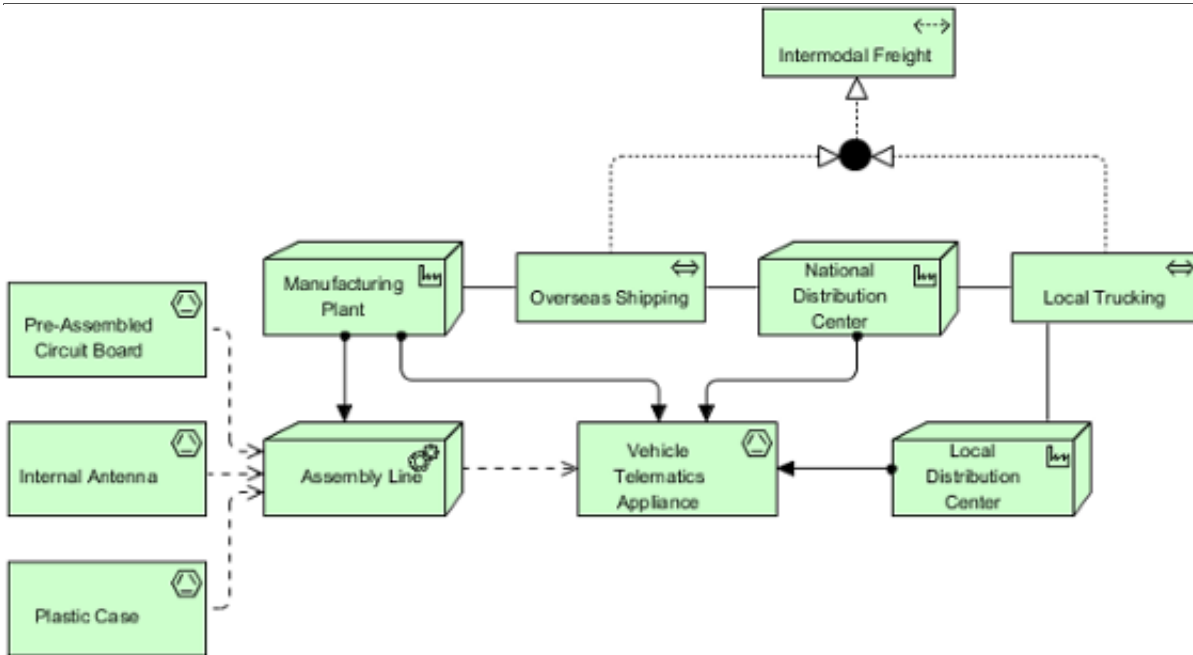
The physical viewpoint contains equipment (one or more physical machines, tools, or instruments) that can create, use, store, move, or transform materials, how the equipment is connected via the distribution network, and what other active elements are assigned to the equipment.

The table below describes Physical Viewpoint in more detail.

Attribute	Value
Stakeholders	Infrastructure architects, operational managers
Concerns	Relationships and dependencies of the physical environment and how this relates to IT infrastructure
Purpose	Designing
Scope	Multiple layer/Multiple aspect

Physical Viewpoint Example

The figure below shows an ArchiMate diagram created under the Physical Viewpoint. By applying a viewpoint you are allowed to draw an ArchiMate diagram with a subset of ArchiMate elements and relationships, as defined under the viewpoint.

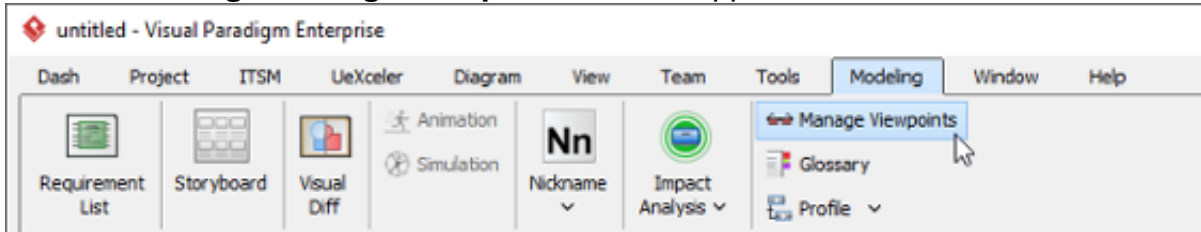


How to apply Physical Viewpoint?

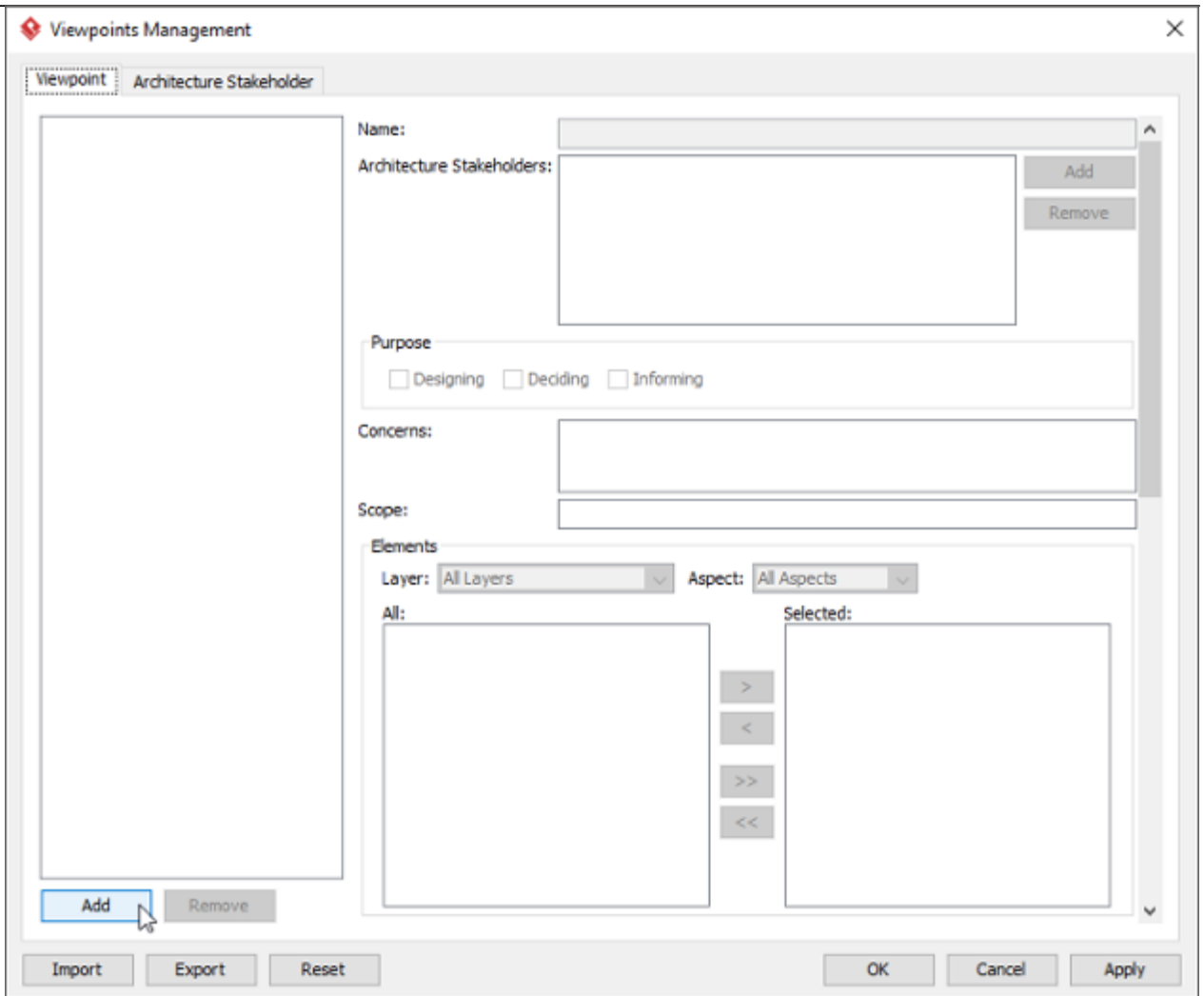
To apply Physical Viewpoint (or any other viewpoint) involves two main steps. The first step is to configure your project to use the viewpoint. The second step is to edit your diagram by selecting the viewpoint.

Project configuration

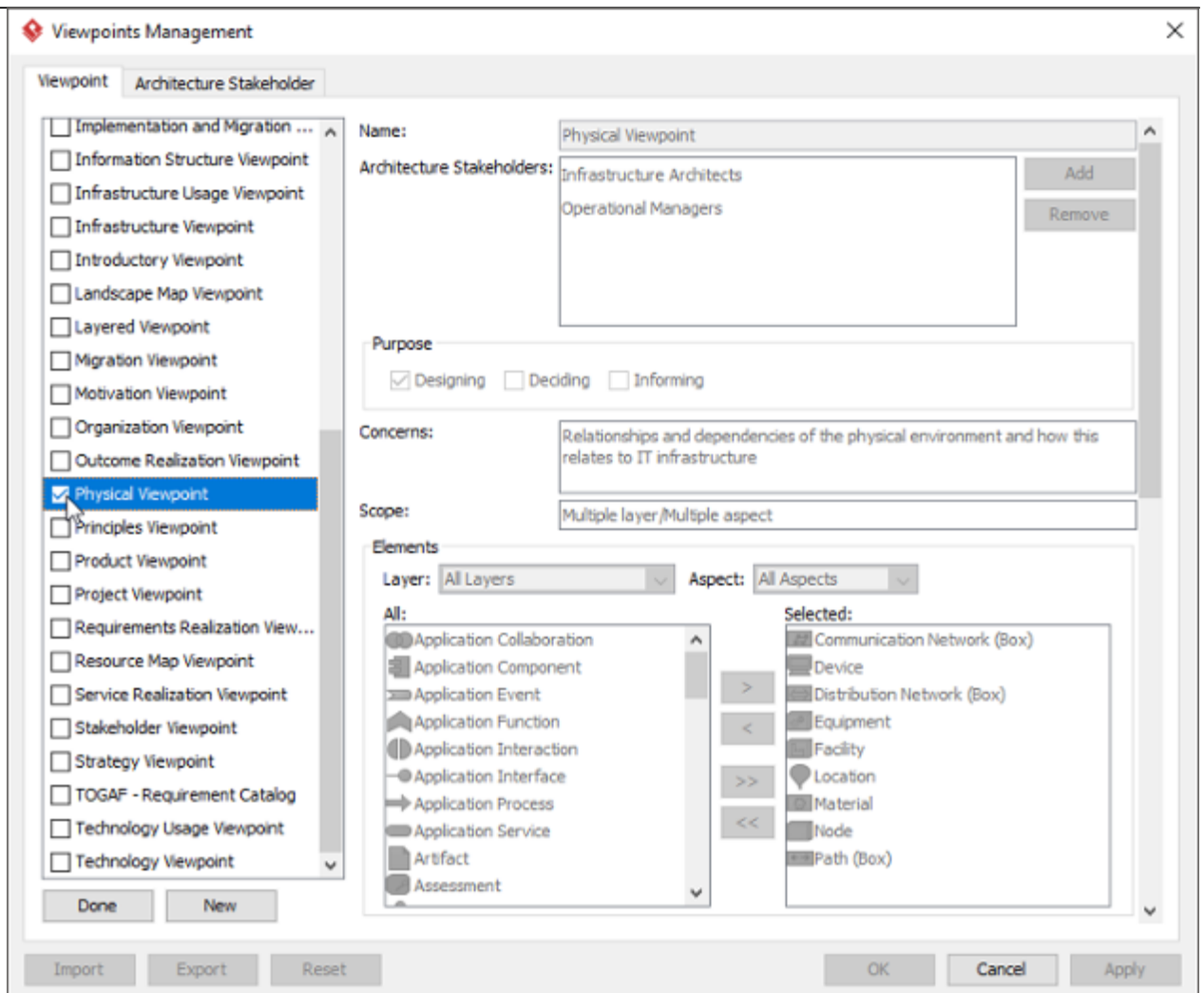
1. Select **Modeling > Manage Viewpoint** from the application toolbar.



2. This shows the **Viewpoint** tab. Click **Add** at bottom left.



3. This shows the list of example viewpoints. Select **Physical Viewpoint**. The stakeholder, purpose, concerns and related elements are presented on the right.

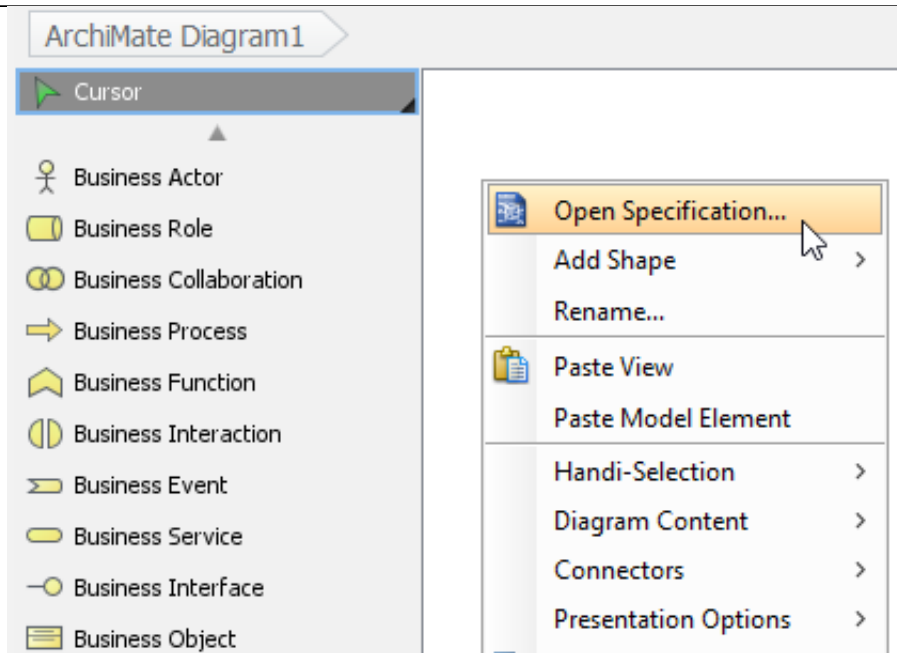


4. Click **Done**.
5. Click **OK** to confirm.

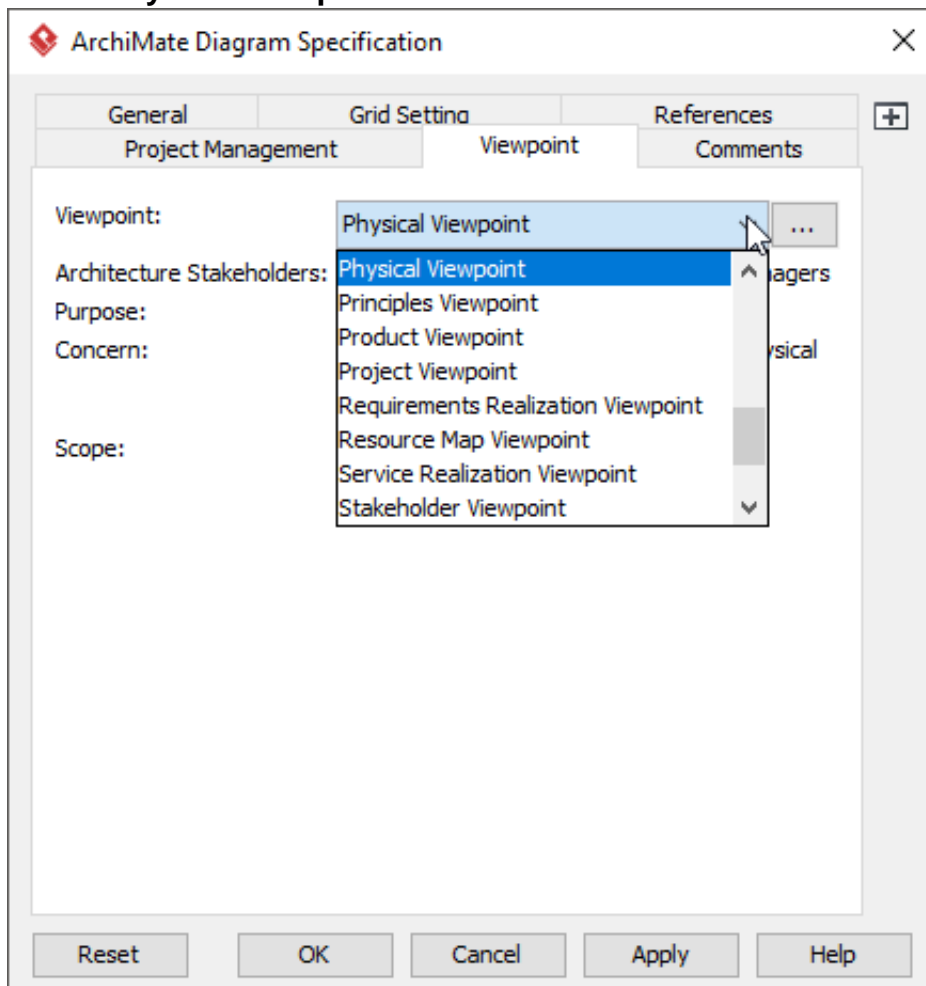
Setting a viewpoint to diagram

To apply Physical Viewpoint on an ArchiMate diagram:

1. Right click on the ArchiMate diagram and select **Open Specification...** from the popup menu.



2. Open the **Viewpoint** tab.
3. Select **Physical Viewpoint**.



4. Click **OK** to return to the diagram. From now on, you can select the subset of ArchiMate elements and relationships defined under the Physical Viewpoint.

Cursor

- Node
- Device
- Path (Box)
- Communication Network (Box)

- Assignment
- Realization
- Triggering
- Serving
- Association
- Provided
- Read Access
- Aggregation
- Composition

