Importing Diagrams

Enterprise Architect Import allows you to import diagrams. The imported diagram information includes:

- Geometry Properties
- Color Properties
- Display Properties

Geometry Properties

The geometry properties imported to a UML model are:

- Positions on a diagram (for shape elements)
- Width and height (for shape elements)
- Path break points (for link elements)

> ⚠ **Note**
>
> Other display properties can override geometry information. For example, if an imported element width is shorter than the required width to display text on the element, the width will be adjusted automatically.

Color Properties

Color properties will be imported along with the diagrams to a modeling tool developed by NoMagic. Each color property has a different name in a modeling tool. The following table shows color properties mapping.

EA	Modeling tool by NoMagic
Background	Fill color
Border color (for shape element)	Pen color
Font color	Text color
Line color (for link element)	Pen color

Display Properties

Display properties in EA can be categorized into three groups: shape, link, and diagram. Only those properties corresponding to MagicDraw will be imported. For example, the **Show Diagram Details** property in EA will be imported as the **Show Diagram Info** property in a modeling tool developed by NoMagic.