





Creating a Geometric Shape 1.0

Geometric shapes, which are equivalent to markups, describe a user's region of interest on an image and are patterned after DICOM SR graphical types. Combinations of these shapes can be used to represent graphical drawings placed on images.

- 1. Click the **Templates** tab.
- 2. In the Templates panel, select the template to which you want to add a geometric shape.
- 3. In the Template Components panel, right-click the template name and select **Create Geometric Shape**. You can also find this option in the

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toolbar ().

A new panel appears on the right and the toolbar below the Template Components panel changes to provide the option for geometric shapes,

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which is to delete a geometric shape ().

- 4. In the panel on the right, select the shape type. Options include Point, Circle, Polyline, Ellipse, and MultiPoint.
- 5. Click **Save**.

The geometric shapes available are as follows.

Shape	Description
Point	A single pixel denoted by a single (column,row) pair
MultiPoint	Multiple pixels each denoted by an (column,row) pair
Polyline	A series of connected line segments with ordered vertices denoted by (column,row) pairs. If the first and last vertices are the same, it is a closed polygon.
Circle	A circle defined by two (column,row) pairs. The first point is the central pixel. The second point is a pixel on the perimeter of the circle.
Ellipse	An ellipse defined by four pixel (column,row) pairs. The first two points specify the endpoints of the major axis and the second two points specify the endpoints of the minor axis of an ellipse.