

SAFE MApp Tutorial 3 Video Transcript: Map Features and Labels

For the SAFE MApp tutorial three, map features and labels will begin at the dashboard and open the Biosecurity and Safety map type.

Click on the map when holding down the left side of your computer mouse to move the map around. When the map is opened, it is centered on the location's 911 address or where the map had been previously centered.

To change the map center, click on the Edit Map Center link in the top right column. There is also a link in this section to edit map details, to change the map address and the premises ID number. In the top left corner of the map are zoom controls, plus and minus, to change the zoom level of the map view.

Scrolling with a computer mouse will also zoom in and out. Click on the small house icon below the zoom controls to recenter the map view to the original address, or where the map center had been reset. The map legend in the bottom left corner can be hidden or unhidden by clicking Hide Legend or Show Legend. In the bottom right corner of the map view, it contains a compass rose to indicate which direction is north.

On the right side of the map view is a panel with map information and features. On top is the map name, premises ID if it has been entered, the premises address and the links to edit the map details and change the map center. Below the map details are buttons for adding a feature and creating a label. When a feature or label is added to the map, it is listed under the Features and Labels tabs.

Below the Features and Labels panel are two important buttons. Export map data will export the map to a .json file that can be imported into SAFE MApp.

Click Preview Print Map to begin setting up the map to print it or save as a PDF. There will be more about the print function in tutorial number five, save and print a map.

Familiarize yourself with all of the available map features by clicking on the link for the features tip sheet on the SAFE MApp website tutorial page (<https://safemapp.org/tutorials/>). The tip sheet lists all of the available features in the app and what they represent

To add a feature to the map, click the Add Feature button. In the feature pop up box, you will need to choose either a zone, a path, or a marker:

- A zone is an enclosed shape area drawn around larger areas on a premises such as a line of separation, perimeter buffer area, or manure storage area.
- The path is a line drawn to represent pathways, access points, vehicle routes, and public roads.

- A marker is an icon placed at the location of something, whether it is where different types of animals are housed and pastured, or is the site entry, cleaning and disinfection station or shutoffs for utilities.

In this demonstration, a line of separation will be added to the map.

1. Zoom in. Move the map around to get it into position. Choose the feature type, which is a zone, line of separation, and give it a unique name.
2. Click Create Feature. A guide displays in the top right corner of the map, indicating that the LOS feature is actively being drawn. Choose where the LOS will be drawn and click once to begin. And then click again to continue drawing on the map until the LOS has been enclosed.
3. If at any point you want to undo the previous lines or begin somewhere else, click undo, in the top right box. Click redo to recreate the just created lines.
4. When you are satisfied with the LOS drawn, click the blue finished drawing button in the top right box. The feature will now display in the right panel with options to edit it or delete it.
5. Click the pencil icon in the right panel next to the feature to edit it, and small boxes appear on the map over the feature.
6. Hover your computer mouse over one of the boxes until a small pointing hand appears.
7. Then click and drag to adjust the feature. Paths and markers are also edited this way.
8. Click the finished editing button in the top corner after making the adjustments.

Adding and editing paths and markers is similar to adding a zone like a line of separation:

1. Position the map before you start drawing. Choose the feature type. Give it a unique name.
2. Click Create the Feature. A guide displays in the top right corner of the map, indicating the path or marker feature is actively being drawn. Choose where the path or marker will be drawn. Click once to begin, then click where a path will end.
3. At any point, you can undo the previous part of the path drawn or begin somewhere else by clicking undo.
4. Click redo to create the path part.
5. When you are satisfied with what was drawn, click the blue finished drawing button in the top right box.
6. The feature will now display in the right panel with options to edit it or delete it.
7. Click the pencil icon in the right panel next to the feature to edit it and small boxes appear on top of the feature.
8. Hover your computer mouse over one of the boxes until small pointing hand appears.
9. Then click and drag to adjust
10. Click the finished editing button in the top corner after making the adjustments.

To add a marker:

1. Click Add Feature, choose the feature type, give it a unique name.
2. Click Create the Feature. Move the map into position.
3. Click and you've added the feature and click Finish Placing.
4. To edit that marker, click the pencil button.
5. Hover over it until you see the pointed hand, and then move it wherever you'd like, and then finish editing.

Labels can be added to maps to name pastures, buildings, roads, or anything else:

1. Click the button Add Label and a pop-up box appears to add label text and decide the position of the label point.
2. Be as concise as possible in adding label text.
3. Once a label has been created, follow the instructions in the box that appears in the upper right corner of the map, and click a point to place a label.
4. When satisfied with the location of the label, click the Finish Placing button in the top right corner.

The label will be listed under the Labels tab in the right hand panel. A label cannot be edited or moved once placed, only deleted. Labels and other markers do not scale when zooming out, so you may want to consider saving one map that is unlabeled and another one with labels to print at the appropriate level of zoom.