Guide to geo-fencing

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For MRS version 6.2.0.0

Preface: The geo-fencing feature allows users to create geographic zones from which entry and/or exit can trigger a variety of notifications.

How to create a zone:

Step 1: Open the MRS monitor and connect it to the same server you have connected your PMRS device.

Step 2: Open the view menu → view -> maps -> Bing maps*

- In version 6.2.0.0 the geo-fencing feature only works properly on Bing maps

Step 3: Wait until the device gets its location.

Step 4. Open the Zones management map: Right-click on the location icon and choose Zones – a new location window will appear.
**Step 5. Create the zone:** Go to the zone menu and choose *New*

![Zone Properties window](image)

**Step 6. Add notification:** in the properties window decide whether you want to add notifications on entry from the geo-fence, or when the unit will exit the geo-fence and also the color that geo-fence will be painted in on the map.

- If no notification is chosen the device will report entry and exit on the event log.

**Step 7. Choose notifications:** After clicking on Entry or Exit, choose which notification you want triggered and click *OK*.

![Zone Actions window](image)
Step 8. **delineate the geo-fence:** Mark the different boarder points of the Geo-fence, after the points are marked a geo-fence is created and it will be filled with the color that has been chosen before.

- Multiple geo-fences can be added – repeat the instructions in steps 5-7.
- The boarder points are not movable.
- To delete a boarder point go to the Mode menu and choose Delete then click on the boarder point you wish to delete.
- Delete all the geo-fences by going to the General menu choosing Clear all

Step 9. **Enable the notifications and/or recordings:**

- The SMS notification is enabled when entering the device tree in the MRS monitor and double-clicking on the SMS icon, and fill the contact details.
- If the alarm box is filled, every time the device leaves and/or enters the geo-fence an alarm will be triggered.
- To enable the recordings and notification triggers of the alarm fill in the trigger options desired in these locations:
  - **Recording on Device:** In the GPIO tab of the MRS Configurator.
  - **Notifications and recording on Client computer:** In the Contacts Alarm and menu of the MRS monitor
  - **Recording on server:** In the Recordings section of the MRS Service