



The Geofencing feature allows TripVision users to define areas of interest and track vehicles entering and exiting those areas in real time.*

**The frequency of geolocation reporting updates is limited by the vehicle's onboard telematics device.*



GEOFENCE ALERTS

Users can set up Geofence alerts for the following conditions:

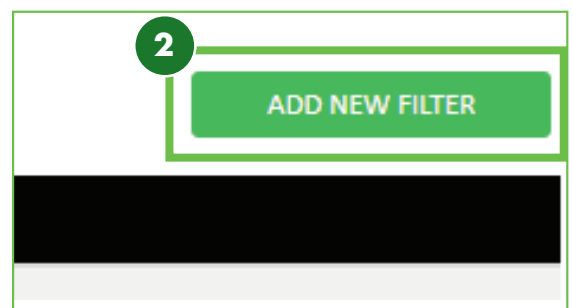
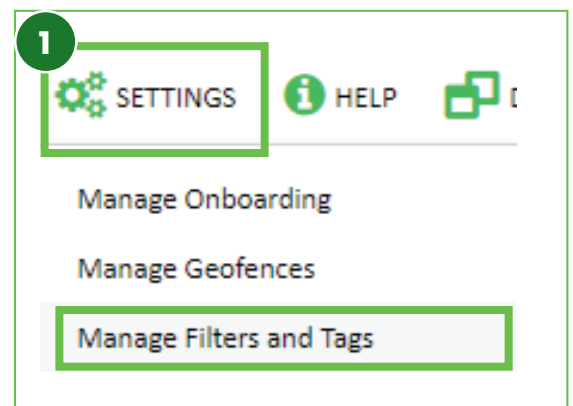
- + CSA Violation
- + Fuel Economy Fault
- + Last Vehicle Communication
- + Predicted Health
- + Custom Tags
- + Emissions Fault
- + Model Year
- + Safety
- + Data in Range
- + Handled Status
- + PM Due
- + Telematics Device
- + Data out of Range
- + Health
- + Predictive Fault
- + Unhandled Status

ALERT STEPS

Preventative Maintenance Example

1. From the "Settings" menu select "Manage Filters and Tags"

2. Click "Add New Filter" button in the top left corner of the window



- Choose the vehicle condition you want the Geofence alert based on. In this example, we selected **"Preventative Maintenance"**.
- Provide a **"Filter Name"** for your alert, then click the **"Save Filter"** button to save your selections.

Filter Name: Preventative Maintenance Due

Tag Type: Tags

Active: Show Recently Active Show All

Telematics Device: Show All

Health: Critical, Severe, Maintenance, No Repair

Safety: Critical, Severe, Maintenance, No Repair

Predicted Health: Critical, Severe, Maintenance, No Repair

Year: [] to []

Fault Type: CSA Fuel Economy Emission Predictive

Handled Status: Unhandled All

Data In Range: In Range Out of Range All

Other Filters: Last Vehicle Communication PM Due In Geofence

CLEAR FILTERS CANCEL SAVE FILTER

CREATE A NEW GEOFENCE ALERT

- From the main menu click on **"Settings"** then select **"Manage Alerts"**.
- Next, click the **"Add New Alert"** button in the top left corner of the window to create a new alert.
- Complete the following to set up your Geofence alert:
 - Name your alert **"PM Due"**
 - Select **"Geofence Alert"** for the Alert Type
 - Select the name of your newly created filter, example **"Needs Planned Maintenance"**
 - Choose the type of Geofence Alert (i.e., "in", "out" or "both")
 - Select Your Business(es)
 - Choose your Geofence
 - Geofence
 - Group Geofence

RESULT:

Now anytime a vehicle with those conditions enters your Geofence, you will be notified.

SETTINGS HELP

Manage Vehicles

Manage Alerts

Manage Parameters

Alerts List

Search

ADD NEW ALERT

Alert Name: PM Due

Alert Type: Geofence Alert

Filter: Needs Planned Maintenance

View Filter Details

Vehicle Direction: In

Business: Business Groups

- MCE
- Business #1
- Business #2
- Business #3

Geofence Geofence Group

Available Geofences: Garage 1

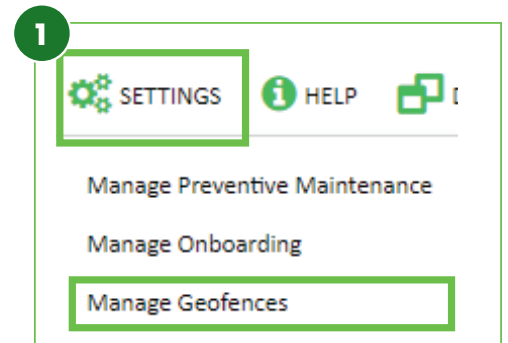
Geofences in Alert: Noregon parking 1, Freight Parking 1, Freight Parking 2

PERMISSIONS

	Run Reports	View Geofences in Map views	Create/Edit/Delete Geofences, Geofence Groups and Geofence Alerts
ACCOUNT VIEWER	+	+	
ACCOUNT MEMBER	+	+	
ACCOUNT MANAGER	+	+	
ACCOUNT ADMIN (TSP LEVEL ONLY)	+	+	+

CREATING GEOFENCES

1. To add a new Geofence (Admin TSP level users only), click "**Settings**", then select "**Manage Geofences**". Click the "**Add New Geofence**" button. This will populate a page where the user can create a new Geofence boundary with a variety of tools.



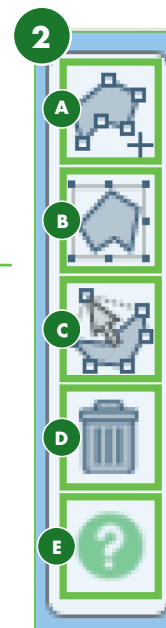
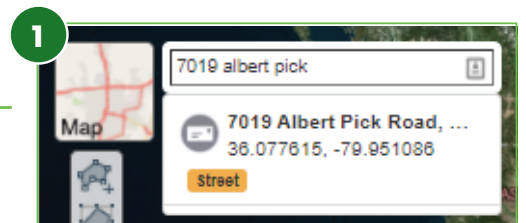
TOOLS

1. The easiest way to start a geofence is turn on the satellite view and type the street address to start.

2. Drawing Tools (From Top to Bottom)

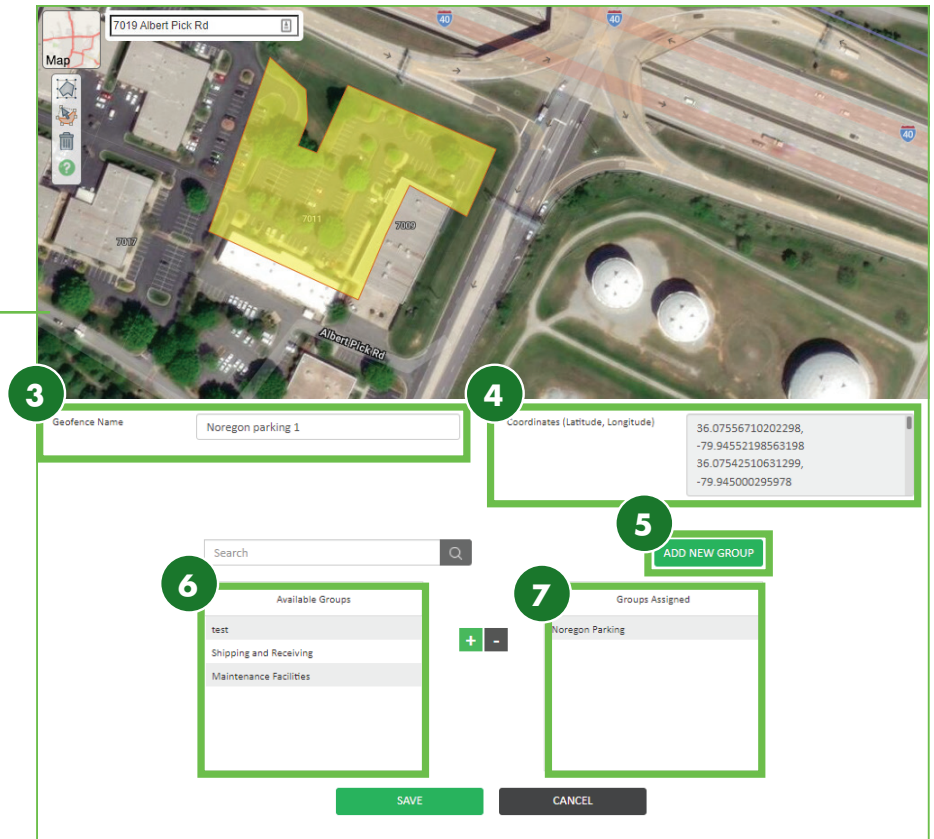
NOTE: New areas cannot overlap existing areas.**

- A. Polygon Tool** – Click to set points. Double-click to finish.
- B. Position Tool** – Click a shape to resize or move. Position the cursor near a corner to rotate.
- C. Shape Tool** – Click a shape to modify its shape points. Move the mouse cursor over a point and press the Delete key to remove it.
- D. Trash** – Clear all polygons. Only affects current shape in progress.
- E. Info** – Click to display a reference for how to use each of these tools.



3. **Geofence Name** – A reference name for the geofence in progress.
4. **Coordinates (Latitude, Longitude)** – List of coordinates for each point of the geofence’s polygon area.
5. **Add New Group** – Button to create a new group for the current geofence if it does not yet exist.
6. **Available Groups** – Existing groups to which the current geofence can be assigned. Select and click the [+] or [-] buttons on-screen.
7. **Groups Assigned** – The groups to which the current geofence will be assigned once saved. Select and click the [+] or [-] buttons on-screen.

**** Use the Satellite view to make drawing your geofence easier. It is also recommended that the geofence be drawn slightly beyond the parameter to avoid GPS creep**



MANAGING GEOFENCES

1. To edit an existing Geofence (Admin TSP level users only), click **“Settings”** then **“Manage Geofences”** and finally **“Edit”**.

Edit is indicated by the pencil icon in the row of an existing geofence. This will populate a page where the user can change an existing geofence with variety of tools. See the previous section for details.

GEOFENCE ALERTS

1. With this feature, a Geofence Alert is also available under **“Settings”**, then **“Manage Alerts”**, and finally **“Create New Alert”**.

Setting up a Geofence Alert is the same as a typical alert except for the following options:

VEHICLE DIRECTION

- **In** - Sends an alert when a vehicle enters one of the selected geofences.
- **Out** - Sends an alert when a vehicle exits one of the selected geofences.
- **Both** - Sends an alert when a vehicle enters or exits one of the user selected geofences.

GEOFENCE

- **Available Geofences** - Full list of geofences created for the current business account.
- **Geofences in Alert** - List of geofences that can be chosen for the alert.

VIEWING GEOFENCE

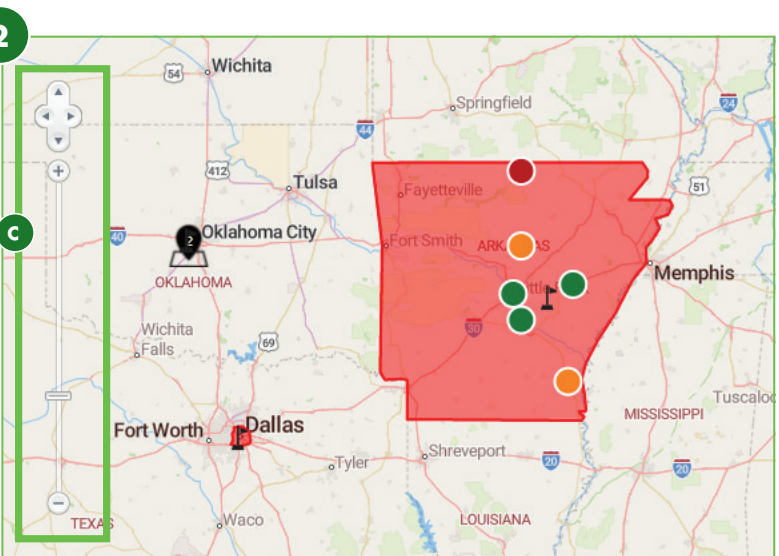
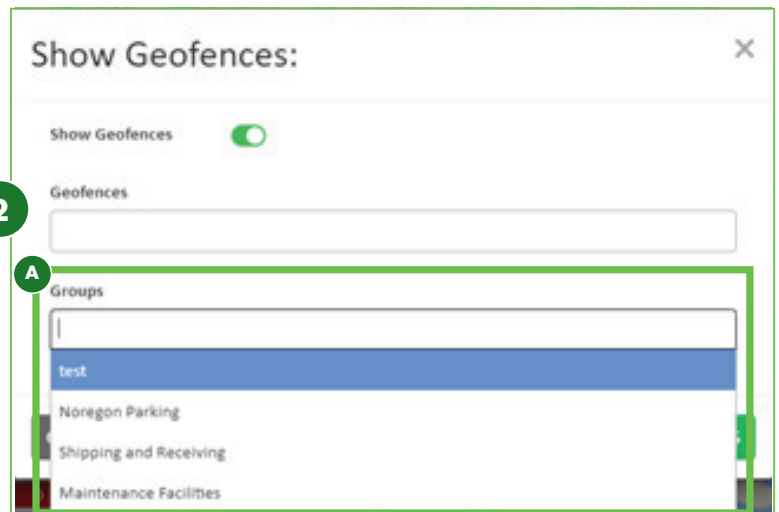
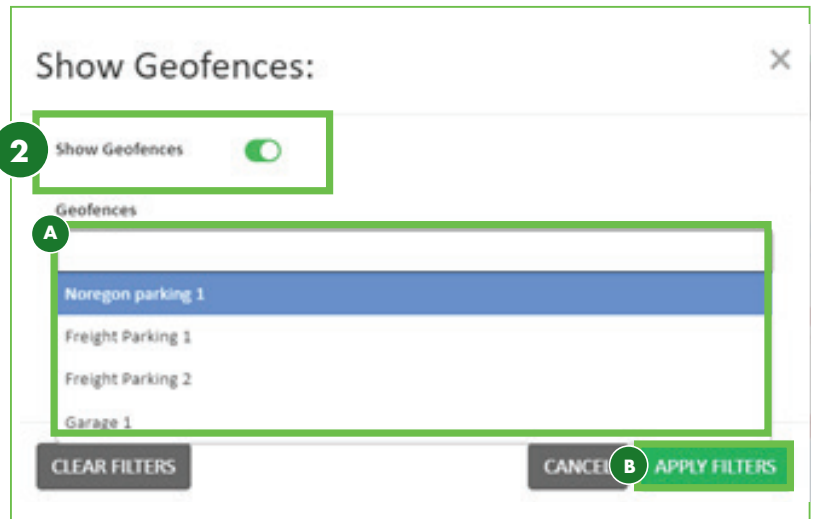
1. Click the **"Geofences"** button above the Map view

2. Toggle **"Show Geofences"**

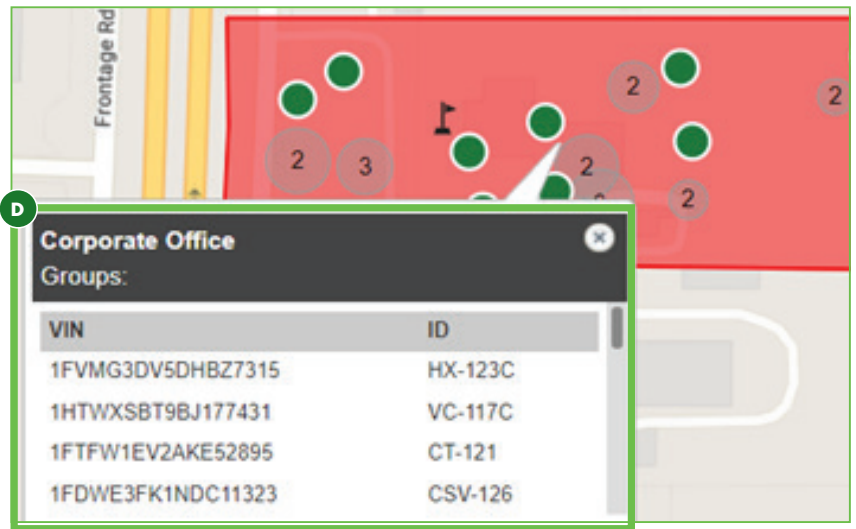
A. Click within the geofences fields to select specific geofences and/or groups.

B. When finished, click the **"Apply Filters"** button.

C. Use the map controls to zoom in and out of various geofences. Click on the colored area on the map to select the geofence.



- D. Clicking on a geofenced area will list all the vehicles in the defined geofence area.



GEOFENCE REPORTING

- The Geofencing Report contains the following data:

- **Geofence Name**

Name of the geofence containing the vehicle in this row.

- **Group Names**

Groups associated with the geofence listed in this row separated by a forward slash (/).

- **Vehicle Friendly Name**

Vehicle's asset ID or Non-VIN identifier if one was assigned.

- **Vehicle VIN**

17-digit vehicle identification number.

- **Date/Time vehicle entered the Geofence**

Date/time the vehicle entered the Geofence.

- **Date/Time vehicle exited the Geofence**

Date/time the vehicle exited the Geofence.

- **Total number of days and hours within the Geofence**

Total number of hours to second decimal place, within the Geofence.

