



Autotrak Vehicle Driver Fatigue Notification

Marketing Release
V1.0 – 25.07.2024



Dear Autotrak Customers

In 2024, the Centre of Disease Control and Prevention unveiled statistics indicating that around one in every twenty-five adults globally have reported falling asleep while driving. Additionally, numerous individuals admitted to operating a vehicle whilst suffering from sleep deprivation.

Fleet operators are concerned about driver fatigue, as it has the potential to result in vehicle incidents that can have negative repercussions for both fleet operators and businesses. These scenarios include:

1. Increased insurance costs
2. Diminished operational activity
3. Expenses related to vehicle upkeep and repairs
4. Sanctions imposed by regulatory bodies
5. Harm to the reputation of the company or fleet operators.
6. Increased staff/driver turn over
7. Concerns about adhering to regulatory compliance
8. Liabilities pertaining to legal matters
9. The effect on the health of drivers and staff

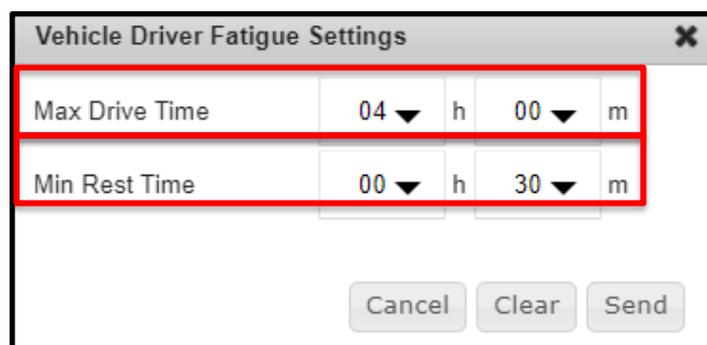
What features can Autotrak Group of Companies provide customers to assist with the ongoing industry concern?

Autotrak Group of Companies provides web-based customers with the Vehicle Driving Fatigue Notification function. This feature alerts customers promptly when drivers exceed preset vehicle driver fatigue parameters, reducing the likelihood of vehicle incidents caused by driver fatigue.

1. Vehicle Driving Fatigue Notification:

There is no obligation for customers to use Autotrak's driver identification products to make use of the Vehicle Driving Fatigue Notification. The Notification type is vehicle centric, and the exception is triggered based on the vehicles accumulated driving time measured against the configured Vehicle Driver Fatigue parameters. The Vehicle Driving Fatigue Notification is triggered when the relevant vehicle(s) exceeds the maximum permitted Vehicle Driving Fatigue parameters without completing the minimum rest period. Vehicle driving time continues to accumulate until the minimum rest period is met.

For example, should a customer configure their Vehicle Driver Fatigue Settings as per the below breakdown it would indicate the following:



The screenshot shows a dialog box titled "Vehicle Driver Fatigue Settings" with a close button (X) in the top right corner. It contains two rows of settings, each with a label, a numeric input field, a unit dropdown, and a time unit dropdown. The "Max Drive Time" row is set to 04 h 00 m, and the "Min Rest Time" row is set to 00 h 30 m. At the bottom of the dialog are three buttons: "Cancel", "Clear", and "Send".

Setting	Hours	Unit	Minutes	Unit
Max Drive Time	04	h	00	m
Min Rest Time	00	h	30	m

- 1.1 The exception will be invoked when a driver surpasses 4 hours of driving without taking a mandatory rest break of at least 30 minutes.
- 1.2 The accumulation of 4 hours of driving time suggests that the exception is triggered not only when drivers drive for 4 consecutive hours without taking a break for at least half an hour, but also if they complete multiple trips totalling to 4 hours without resting for at least 30 minutes.
- 1.3 Once the 4-hour driving limit is reached, drivers must uninterruptedly take a rest period of 30 minutes before continuing to drive for the timeframe to be reset back to zero.
- 1.4 The customers can adjust the maximum allowed driving time and minimum required rest periods according to their operational needs.

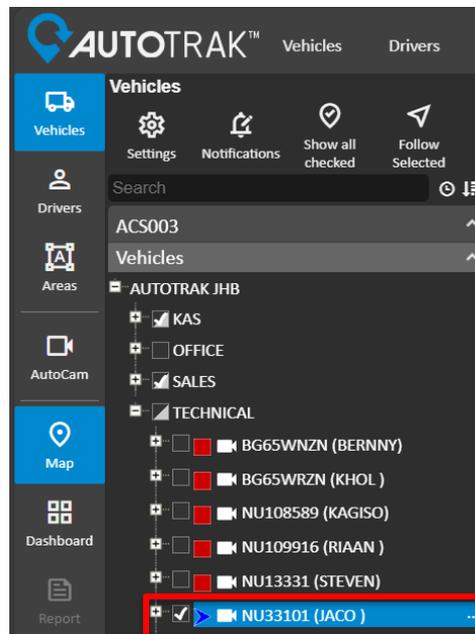
2. How to configure Vehicle Driver Fatigue Settings on Autotrak's web software

Customers need to complete the following steps to configure their vehicle's driver fatigue settings:

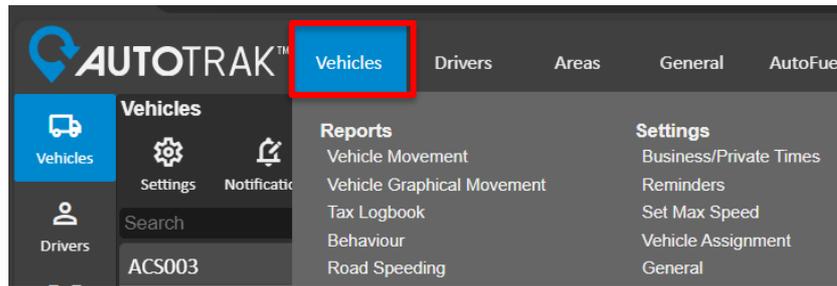
- 2.1 Choose the suitable vehicle(s) from the Vehicle Tree View.
- 2.2 To proceed, click on the Vehicles tab located in the Menu Bar.
- 2.3 From the Vehicles drop down menu under the Settings heading select the Vehicle Driver Fatigue option.
 - a) Once you have selected the Vehicle Driver Fatigue option from the drop-down menu, the Vehicle Driver Fatigue Settings pop up box will appear. Customers have the functionality to insert the maximum permitted driving and minimum required rest times within the Vehicle Driver Fatigue Settings pop up box. Autotrak Group of Companies encourages South African based customers to configure their permitted driving and rest times in accordance with the regulations as stipulated by the Road Transport Management System (RTMS)
- 2.4 Once the customer has inserted the maximum permitted driving and rest time periods complete the action by selecting the send button to apply the settings, a confirmation pop-up box will appear confirming that the driving and rest time periods for the selected vehicle(s) have been applied.

3. Examples configuring Vehicle Driver Fatigue Settings on Autotrak's web software:

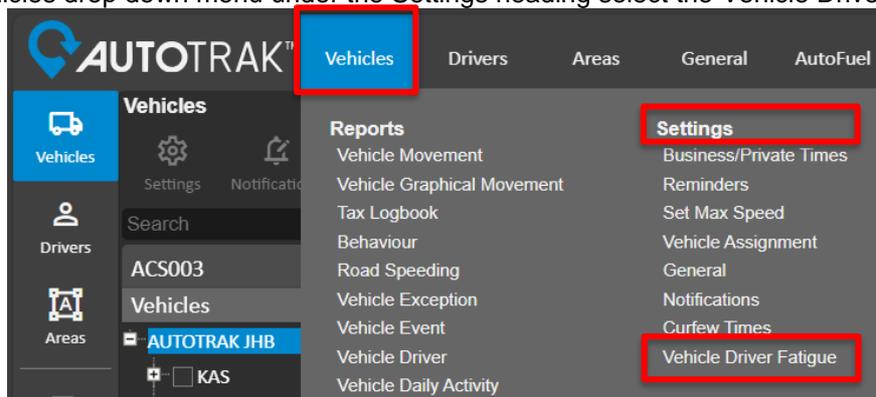
- 3.1 Choose the suitable vehicle(s) from the Vehicle Tree View:



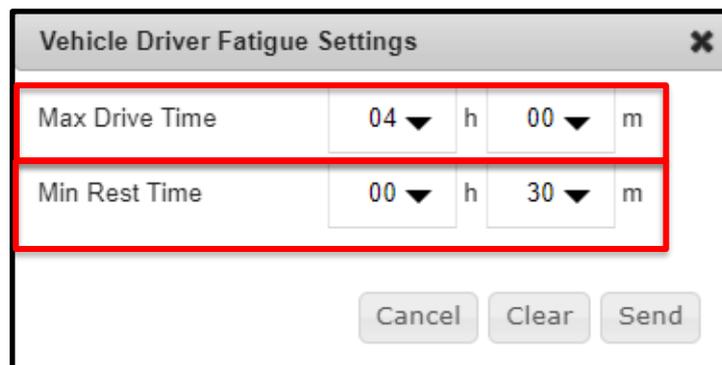
3.2 To proceed, click on the Vehicles tab located in the Menu Bar:



3.3 From the Vehicles drop down menu under the Settings heading select the Vehicle Driver Fatigue option:

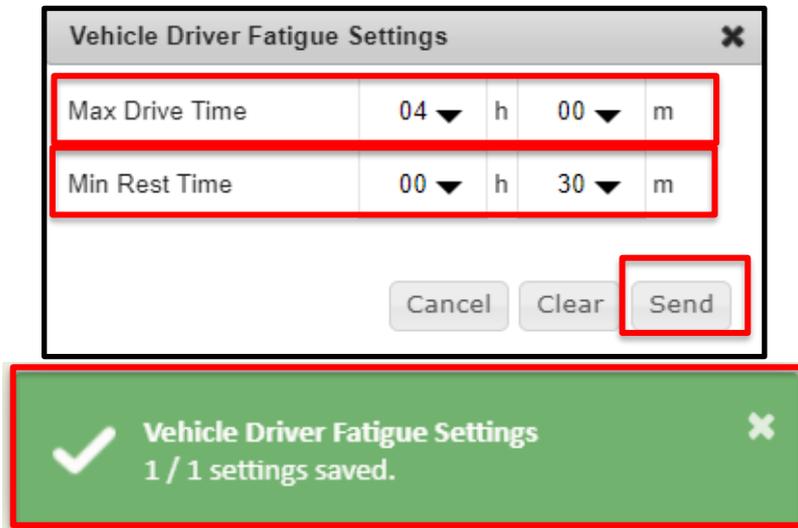


3.4 Once you have selected the Vehicle Driver Fatigue option from the drop-down menu, the Vehicle Driver Fatigue Settings pop up box will appear. Customers have the functionality to insert the maximum permitted driving and minimum required rest times within the Vehicle Driver Fatigue Settings pop up box. Autotrak Group of Companies encourages South African based customers to configure their permitted driving and rest times in accordance with the regulations as stipulated by the Road Transport Management System (RTMS)



The screenshot shows the 'Vehicle Driver Fatigue Settings' pop up box. It has a title bar with a close button (X). The box contains two rows of input fields. The first row is 'Max Drive Time' with a dropdown menu set to '04', a unit selector 'h', a dropdown menu set to '00', and a unit selector 'm'. The second row is 'Min Rest Time' with a dropdown menu set to '00', a unit selector 'h', a dropdown menu set to '30', and a unit selector 'm'. Both rows are highlighted with a red box. At the bottom of the box, there are three buttons: 'Cancel', 'Clear', and 'Send'.

3.5 Once the customer has inserted the maximum permitted driving and rest time periods complete the action by selecting the send button to apply the settings, a confirmation pop-up box will appear confirming that the driving and rest time periods for the selected vehicle(s) have been applied:



The screenshot shows a 'Vehicle Driver Fatigue Settings' dialog box with the following fields and buttons:

Max Drive Time	04	h	00	m
Min Rest Time	00	h	30	m

Buttons: Cancel, Clear, Send

Confirmation message: **Vehicle Driver Fatigue Settings**
1 / 1 settings saved.

4. How to configure Vehicle Driving Fatigue Notifications on Autotrak's web software:

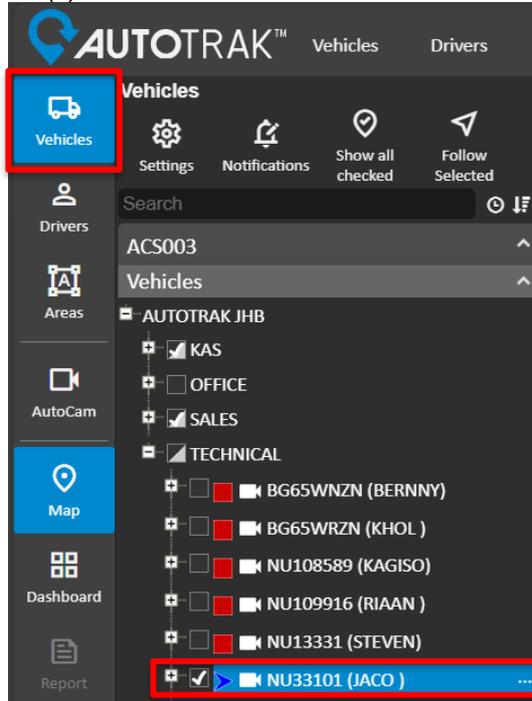
Please ensure that your selected Vehicle(s) Driver Fatigue Settings has been configured prior to setting up a Vehicle Driving Fatigue Notification for the relevant vehicle(s)

To set up a Driving Fatigue Notification, follow the relevant steps provided below:

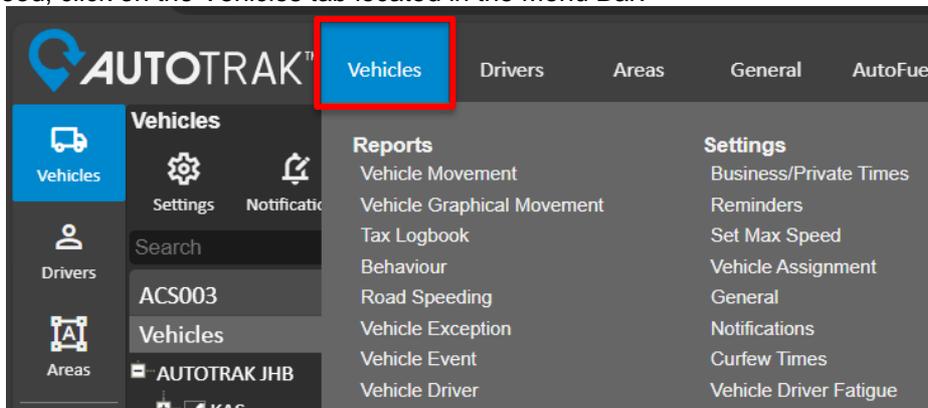
- 4.1 Choose the suitable vehicle(s) from the Vehicle Tree View.
- 4.2 To proceed, click on the Vehicles tab located in the Menu Bar.
- 4.3 From the Vehicles drop down menu under the Settings heading select the Notifications option.
- 4.4 Once you have selected the Notifications option from the drop-down menu, the Notifications pop up box will appear. Customers have the option to select the relevant Notification delivery method from the Notifications pop-up box. (Autotrak Mobile App, E-mail or Autotrak web software Dash Panel) and proceed by completing the Notification configuration:
 - a) Select the appropriate Notification Type: **Vehicle Driving Fatigue Notification**
 - b) Location: Does the customer need the chosen Notification to be restricted and produced only within a predetermined, allocated waypoint or necessitate its generation in any geographical boundary?
 - c) The customer can choose the days and time slots for receiving Notifications. For Example, certain customers might need Vehicle Driving Fatigue Notifications exclusively during nighttime when their fleets drivers face low visibility conditions that increases the likelihood of incidents compared to normal day-time operations.

5 Examples configuring Vehicle Driving Fatigue Notifications on Autotrak's web software:

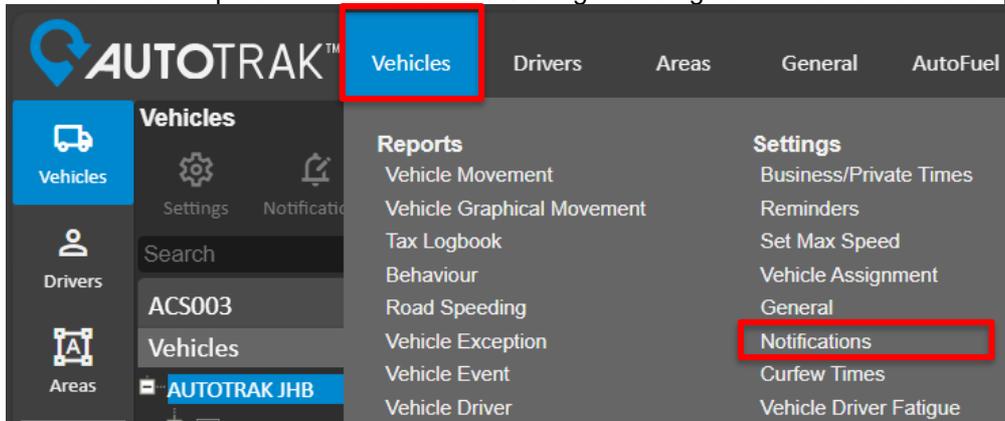
5.1 Choose the relevant vehicle(s) from the Vehicle Tree View:



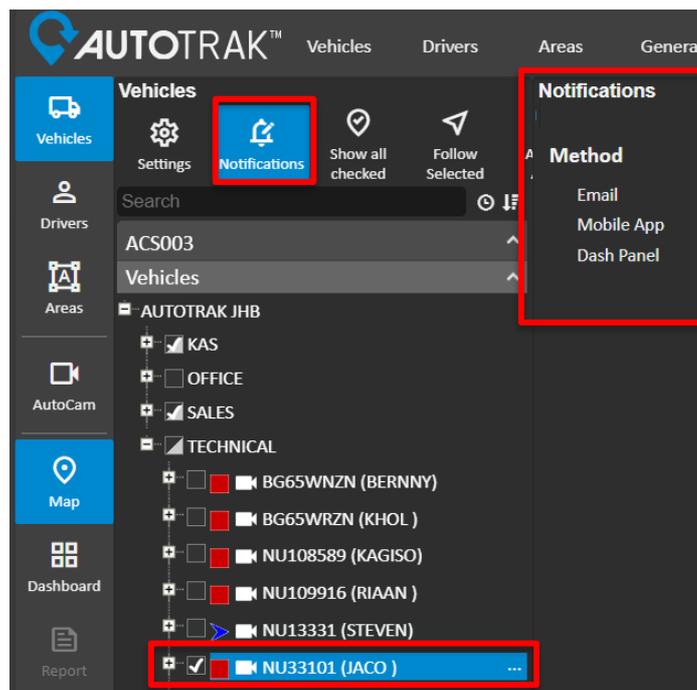
5.2 To proceed, click on the Vehicles tab located in the Menu Bar:



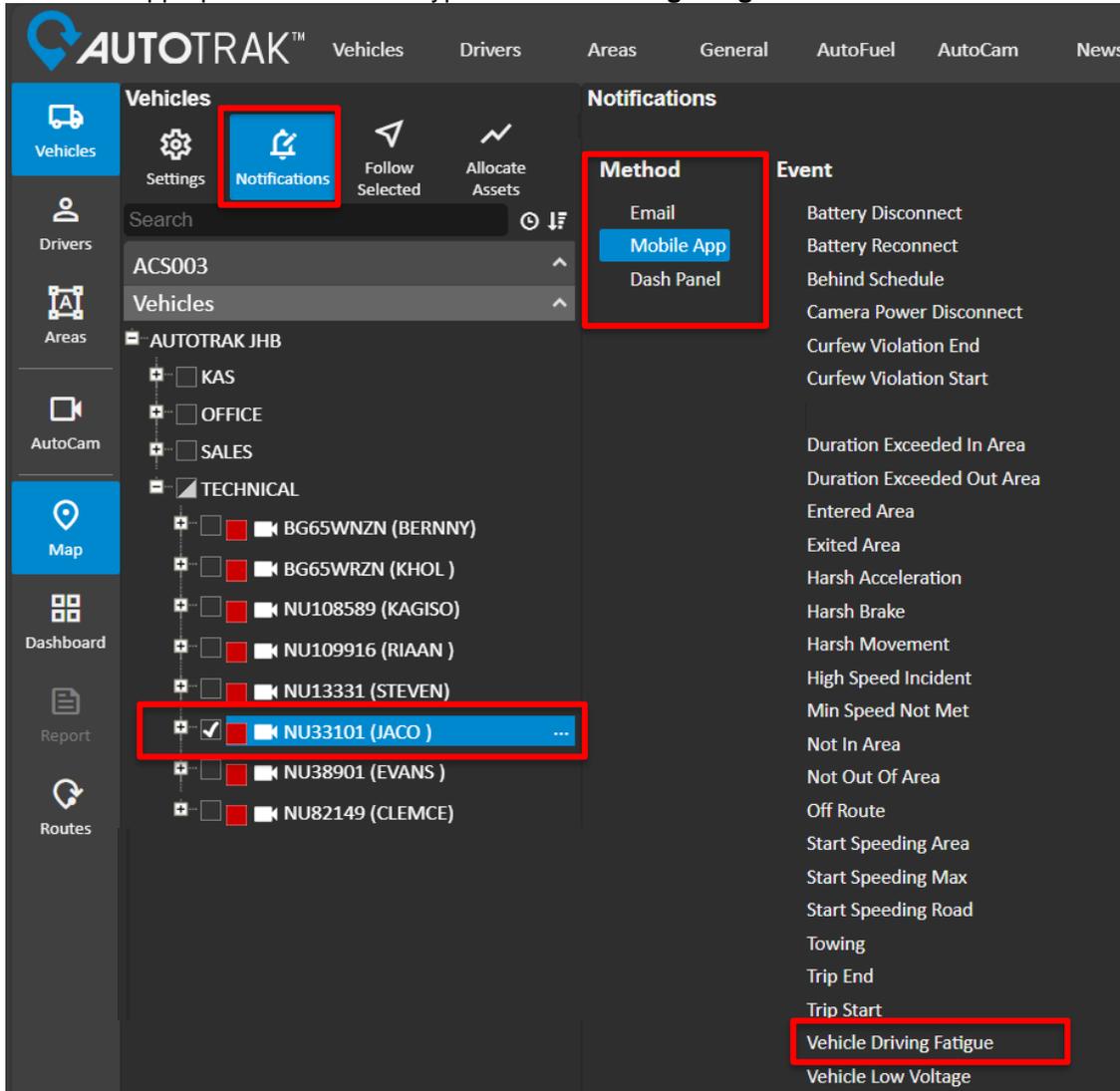
5.3 From the Vehicles drop down menu under the Settings heading select the Notifications option:



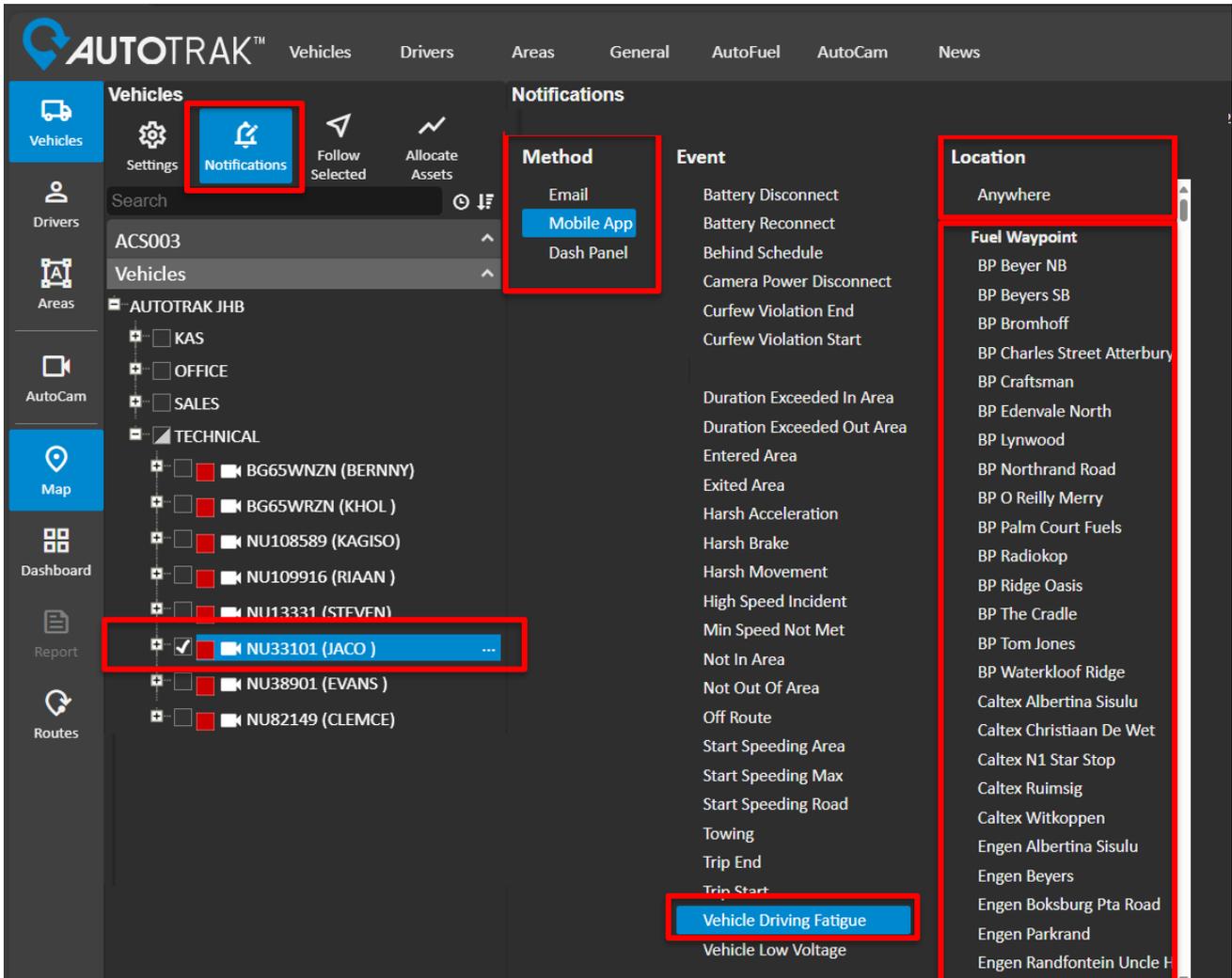
5.4 Once you have selected the Notifications option from the drop-down menu, the Notifications pop up box will appear. Customers have the option to select the relevant Notification delivery method from the Notifications pop-up box. (Autotrak Mobile App, E-mail or Autotrak web software Dash Panel) and proceed by completing the Notification configuration:



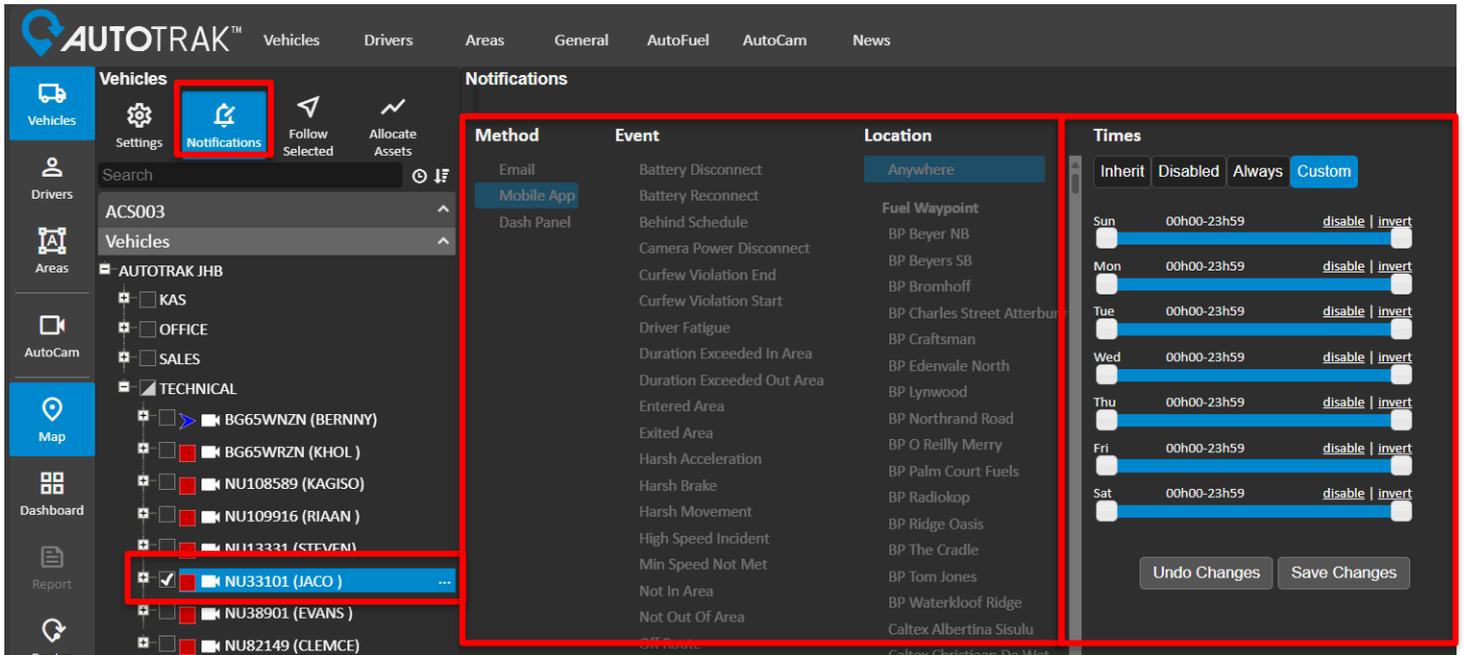
5.5 Select the appropriate Notification Type: **Vehicle Driving Fatigue Notification:**



5.6 To proceed with the Notification configuration process, select the appropriate **Location:** Does the customer need the chosen Notification to be restricted and produced only within a predetermined, allocated waypoint or necessitate its generation in any geographical boundary?



5.7 To proceed with the Notification configuration process, select the appropriate days and time slots for receiving Notifications. For Example, certain customers might need Vehicle Driving Fatigue Notifications exclusively during nighttime when their fleets drivers face low visibility conditions that increases the likelihood of incidents compared to normal day-time operations:



6. Example Vehicle Driving Fatigue Notification- delivery method selected E-mail:

Vehicle **NU1234** VEHICLE DRIVING FATIGUE at 2024/07/23 07h30 near Saint John s Avenue,Pinetown

Yours Sincerely,

Autotrak International (Pty) Ltd

E mail: info@autotrak.co.za

Phone: 08600 25378 (ALERT)

Fax: +27 (0)31 764 5909

Website: www.autotrak.co.za

NOTE: This e-mail message is subject to the Autotrak Group disclaimer see <http://www.autotrak.co.za/EmailDisclaimer.html>

For any further inquiries please contact Autotrak's 24- hour Customer Response Centre. Tel: 08600 25378
 E-mail: info@autotrak.co.za

Yours Sincerely,

The Autotrak Marketing Team

Email: marketing@autotrak.co.za, marketing@autotrakinternational.com