

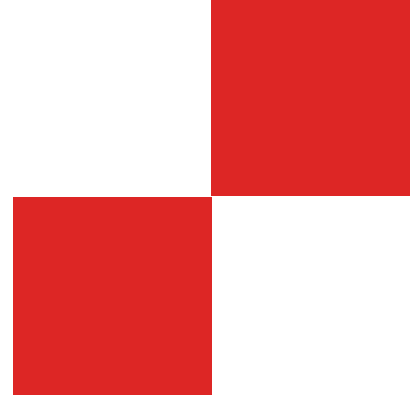
Trak*pro*
FLEET MANAGEMENT SYSTEMS

2025

Basic User Guide

*Telematics
Platform*





CONTENTS

- 01. Introduction...3
 - 02. Login Screen...4
 - 03. Monitoring...6-17
 - 04. Tracks...18-21
 - 05. Messages...22-25
 - 06. Reports...26-29
 - 07. Geofence...30-35
 - 08. Routes...36-38
 - 09. Drivers...39-42
 - 10. Jobs...43-46
 - 11. Notifications...47-51
 - 12. Users...52-53
 - 13. Units...54
 - 14. Conclusions...55
-



Introduction

Purpose

Welcome to Trakpro Australia's Basic User Guide of our telematic platform. This user guide will go through the basic features of our tracking system, as well as the essential elements that you will need to fully benefit from our tracking capabilities.

Our system allows users to have complete control over their units, whether it be a vehicle fleet, machinery or even employees. The users are able to manage these units in a number of ways; with our unit tracking including:

Entry Features

- The precise ability to locate units accurately
- Being able to observe changing parameters such as temperature, speed, battery voltage, etc.
- Managing the tasks of units (assigning jobs and routes, sending commands and messages, adjusting notifications, etc.)
- The control of a unit's movement along an assigned route
- Having the ability to interpret information based on data provided by units, through various kinds of reports (charts, tables, etc.).

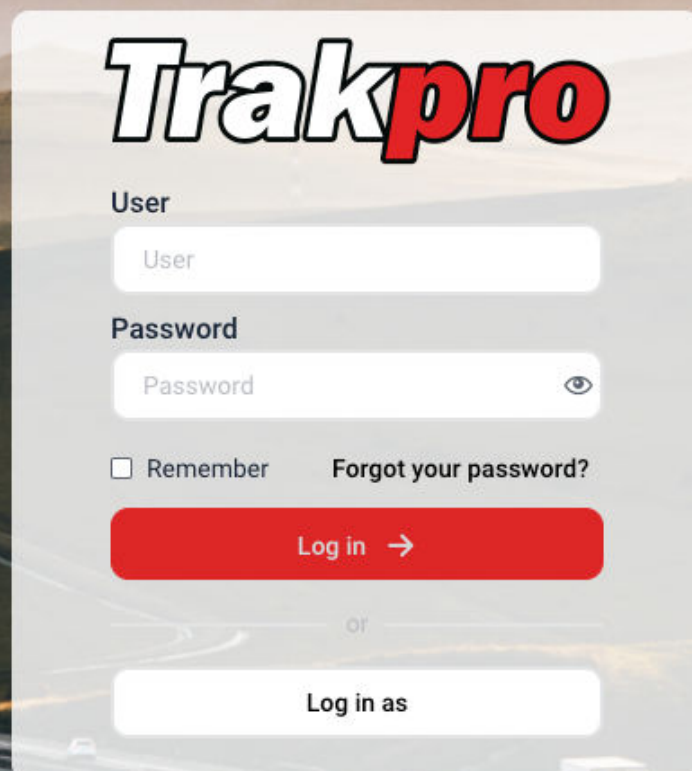
This can all be achieved and monitored simply through a computer screen and/or mobile phone with the use of our website or app. In addition to this, all of the data received has the capability of being exported to files of different formats as well.

Login Screen

How To Log In:

1. Open your web browsers and enter the following into the browser: “locate.trakpro.com.au”. Or Download our app “TrakproPlus”.
2. Enter in both your unique username and password
3. When completed, simply select enter. You will then be taken to our user interface.

If you have forgotten your password, please select “Forgot your password?”. If there are any other issues, please contact our support team at “support@trakpro.com.au”.

The image shows a login screen for 'Trakpro' overlaid on a background of a winding highway at sunset. The login form is a semi-transparent white rectangle. At the top is the 'Trakpro' logo, with 'Trak' in white and 'pro' in red. Below the logo are two input fields: 'User' and 'Password'. The 'User' field has a placeholder text 'User'. The 'Password' field has a placeholder text 'Password' and an eye icon to toggle visibility. Below the password field are two links: a checkbox labeled 'Remember' and a text link 'Forgot your password?'. A red button with the text 'Log in →' is positioned below these links. Below the button is a horizontal line with the word 'or' in the center. At the bottom of the form is a white button with the text 'Log in as'.

Monitoring



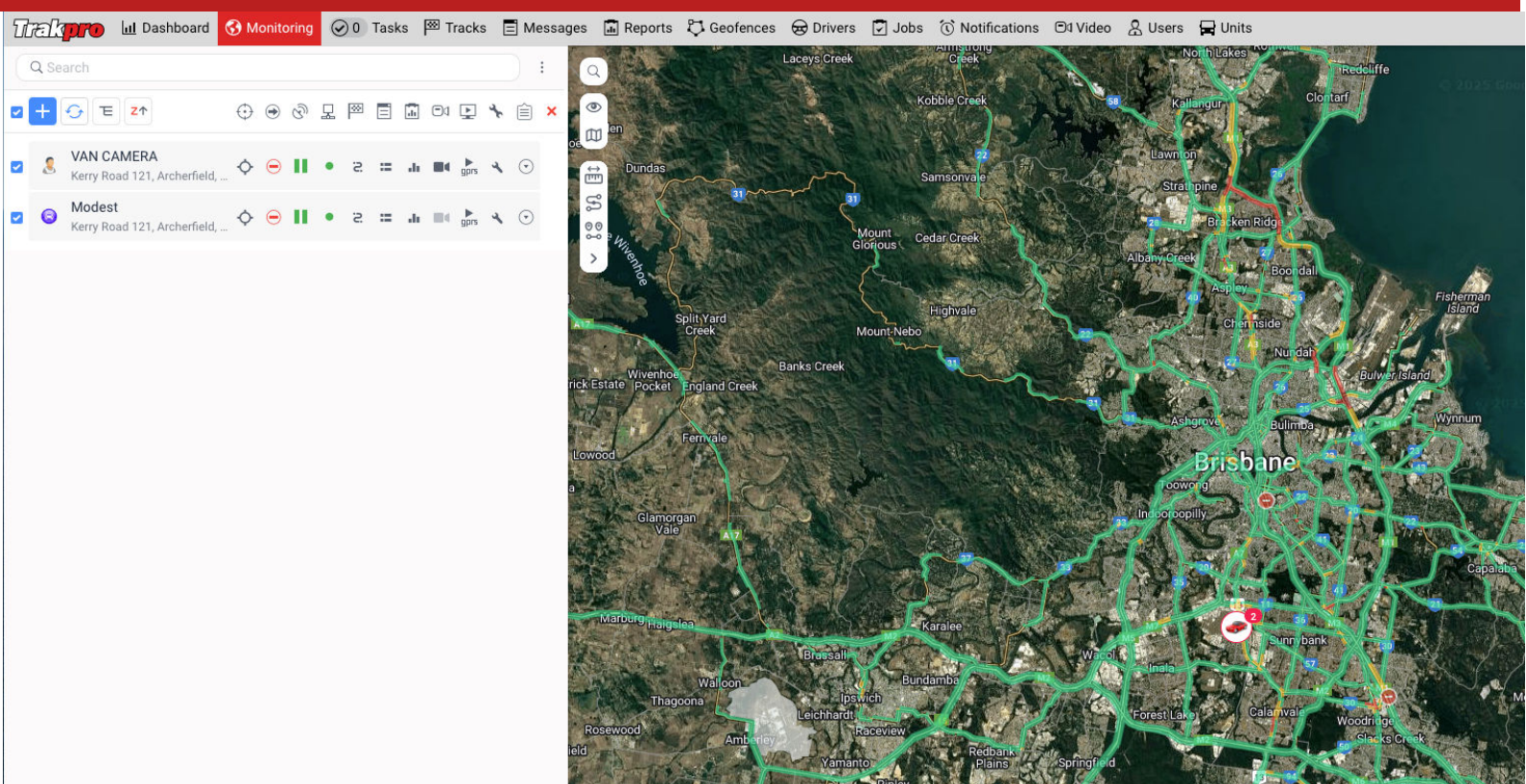
Fleet Insights: Decoding the Movement Behind the Metrics

The monitoring tab allows users to view and control their units, with this tab possessing some of the key features and information most users are looking for.

The following functions are available under the “Monitoring” tab:

1. Tracking the position of a unit and/or group of units;
2. Obtaining information such as location, battery level, ignition, speed, distance, etc.;
3. Adding units to be monitored;
4. The ability to change the properties of a unit to best suit what the user needs;
5. As well as quick access to recent tracks and easy to execute tests.

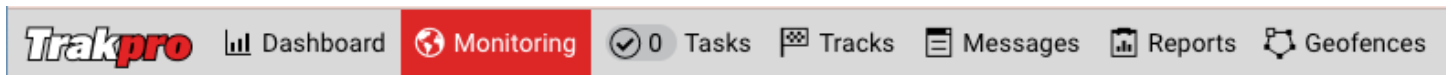
**The area on the left is called the “Worklist”.
The Map on the right allows users to view their units.**



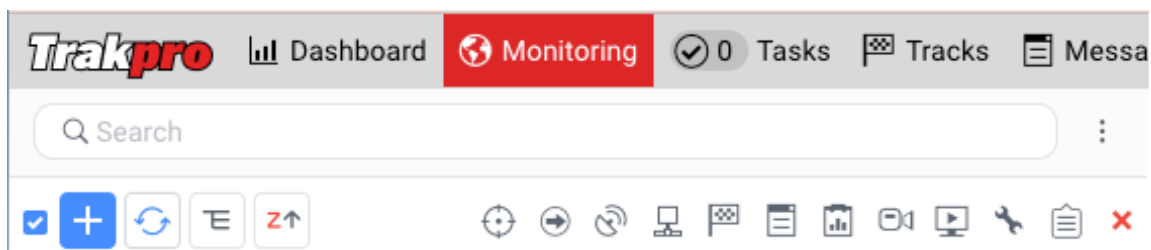


How to Work the Monitoring Tab:

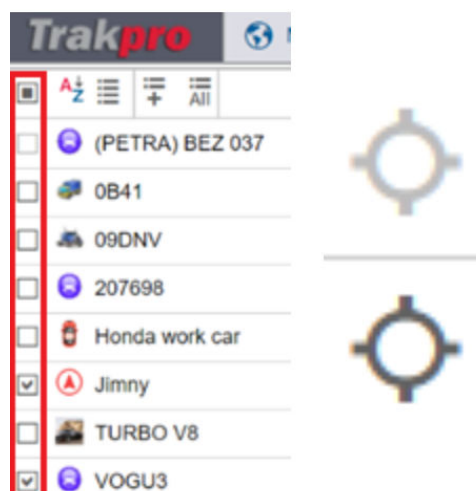
1. First select the monitoring tab if not already selected.



2. Search for your units in the work list. This is done by selecting the search bar and entering the name of your unit. (Usually your Rego)



3. After adding your desired unit/s, ensure you select them and then click the locate icon to be viewed on the map.





How to Work the Monitoring Tab:

4. Either select the unit icon in the worklist or hover over the unit in the map to view more in-depth details of your unit/s.

The screenshot displays the Trakpro Monitoring interface. On the left, a unit selection list is visible, with the 'Trakpro' unit selected. On the right, a detailed view of the selected unit is shown, including sensor values and parameters.

Unit Selection List (Left):

- 426828
- Honda work car
- Jimmy
- Trakpro** (selected)

Unit Details (Right):

1 min 10 s ago (19.08.2019 15:46:43)
Eilersie Road 20, Meadowbrook, QLD 4131, Australia

0 km/h	311198 km	8	-27.66117 153.135525
--------	-----------	---	-------------------------

Sensor values:

Battery Main: 12.64 V	Battery Backup: 4.23 V
Ignition: Off (1 h 30 min ago)	Signal Quality: 3.00 dBm
Satellite: 8.00	Battery Charging: Off
Hdop: 1.40	Input 2: Off

Parameters:

battery_charge: 0	gsm: 3
hdop: 1.4	in: 0
param182: 14	param239: 0
param250: 0	param255: 106
pwr_ext: 12.644	pwr_int: 4.231

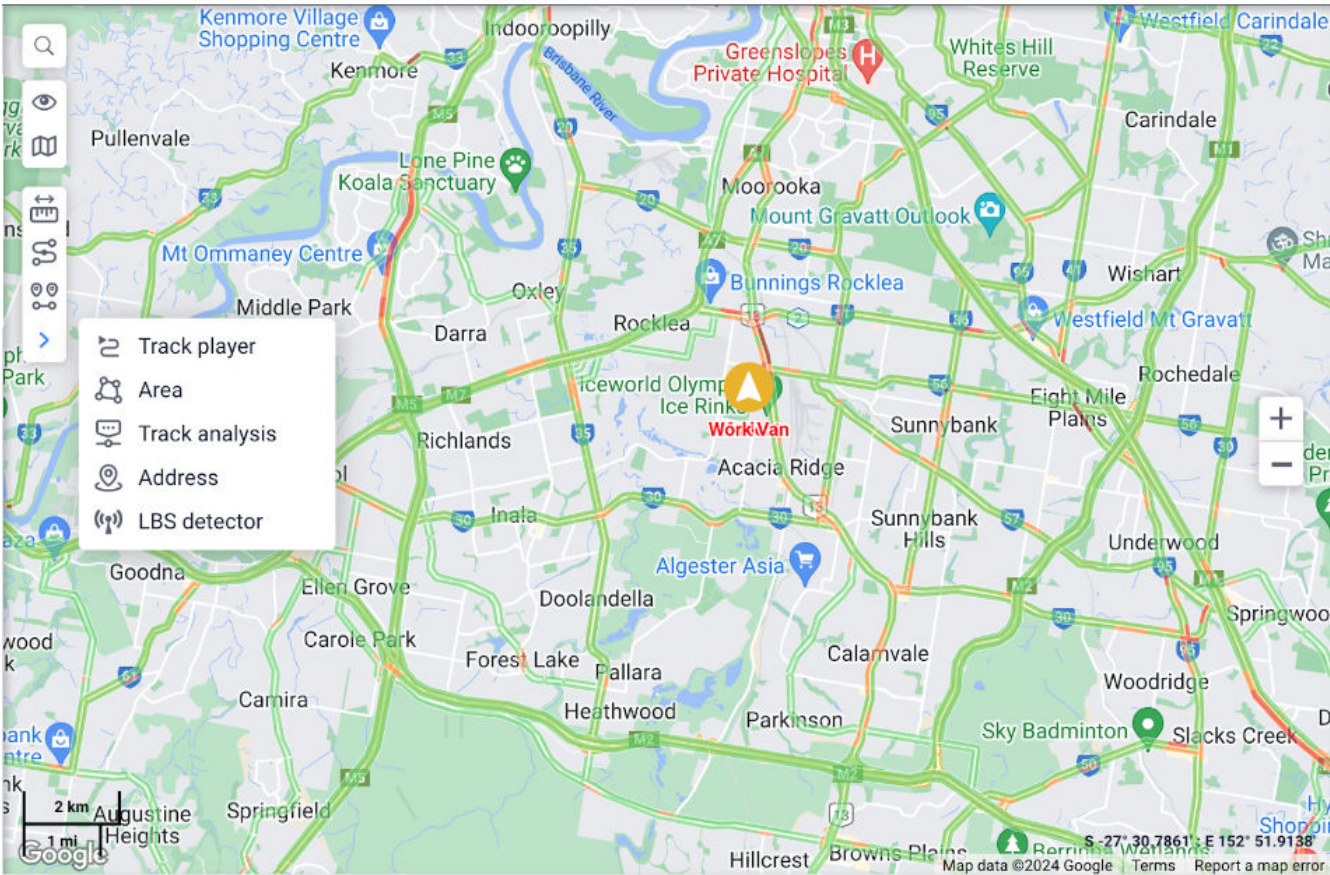
Map: A map showing the location of the unit (Trakpro) near Eilersie Road 20, Meadowbrook, QLD 4131, Australia. The map includes various roads and landmarks.

To further understand the icons used in the Worklist; please read below.
(please note our platform is being consistently updated. so some icons
may be removed or added)

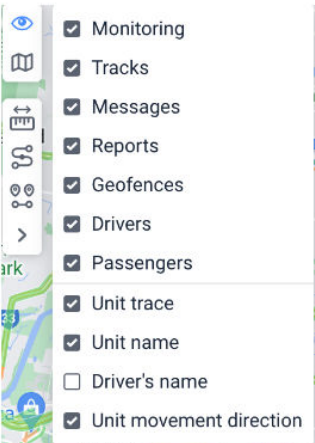


Map Options

Our map can be customised and enhanced to the users preference. It also features additional tools that allow the user to have quick access to popular information.



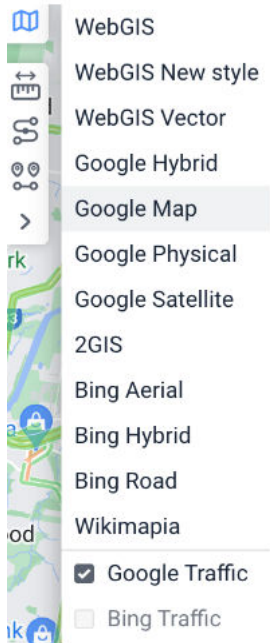
 - Allows you to enter an address, object name or part of the name (unit,drivers,geofence, and so on). To search for a unit, you can also enter its VIN, rego or ID plate.



 - This item gives the user the ability to select the visible layers on the map



Map Options



- We also give the user the option to change map layout if they so wish. While Default is Google maps they are free to choose their preference.



Distance: Selecting this option allows the user to manually calculate the distance from point to point.



Routing: This option gives the user the ability to calculate a route without having to have driven the route. This section is a more advanced version of the **Distance** section and requires the user to enter a start and finish location. The option to add additional stops along the way is also available in the **routing** option.



Map Options



Nearest Units: Using the Nearest Units option allows the user to locate any other nearby that are close to one another.



More Tools: By selecting the more tools button, the user is given access to further buttons such as, Track Player, Area, Track Analysis, Address and LBE Detector.



Area: The Area button allows the user to build a zone to inform them of the KM and hectares in said area.



Address: The Address button allows the user to double click anywhere on the map and give them an accurate location (latitude, longitude and address). In addition to this, it also gives the user a google street view of the location.

Monitoring Icons

Depending on the task assigned to the tracker, there are a number of additional monitoring options to choose from. To do this, the 'can change settings' option must be activated in the user properties (Contact Support@trakpro.com.au for questions).

By default, the monitoring tab includes the following additional monitoring options:

1. Unit tracking;
2. Motion state;
3. Data accuracy (satellite signal);
4. Connection state;
5. Quick track;
6. Properties;
7. Clear list.



Monitoring Icons

By clicking the  icon next to the search bar, additional monitoring options can be added, such as a driver, trailer, sensor state, battery level, category, additional menu and more. These monitoring options come with icons that change depending on the conditions of the unit.

Drivers:

The column with the information about the driver. The tooltip always contains the photo, name, and phone number of the driver.

-  • No drivers bound;
-  • The assigned driver has no photo;
-  • Several drivers are bound to the unit;
-  • The assigned driver is running out of the allowed driving time (monitored when the driver activity option is activated in the unit properties on the Advanced tab). If a photo is uploaded for the driver, an exclamation mark is displayed to the right of it instead of the icon.

Unit Tracking:

In order to monitor the unit and always see it upon receiving the message, press the tracking icon next to its name. The icon will turn green, and a dot will appear inside of it. The unit should be already checked in the first (Show on map) column. If you click the locate icon in the header, the option will be applied to all the units marked in the first column. If you activate tracking for multiple units, the map is centred in such a way that all of them are constantly in sight.





Monitoring Icons

Motion State:

This column shows whether a unit is moving or stationary, as well as whether the ignition is on or off (in case there is a sensor). The motion state is defined on the basis of speed information in the latest message or a real-time motion sensor, if available.

-  • The unit is moving. If an ignition sensor is present, the icon also indicates when the unit is in motion with the engine off—such as when it's being towed or transported;
-  • The unit is moving, the engine is on;
-  • The unit is stationary;
-  • The unit is stationary, the engine is on;
-  • The last message from the unit was received over an hour ago: the unit was moving;
-  • The last message from the unit was received over an hour ago: the unit was stationary;
-  • The unit data is received with the help of LBS detection;
-  • The data obtained with the help of LBS detection is outdated;
-  • There are no messages from the unit.

Data Accuracy:

 This column indicates the data accuracy: how many satellites locked the unit and when the latest message was received. To find out the exact time of the latest information update, hover the mouse cursor over the icon and study the tooltip.

The first bar indicates the availability of the satellites:

-  Green — The satellites are available (see the exact number of the locked satellites in the tooltip);
-  Red — the satellites are not available;
-  Grey — the satellites are not available for the period greater than the one indicated in the Options customizer menu for the Motion state option.



Monitoring Icons

The second bar shows the latest data received from the unit:

-  Green — The unit sent the data less than 5 minutes ago;
-  Yellow — the unit sent the data within the last hour;
-  Orange — the unit sent the data in the last 24 hours;
-  Red — no messages for a long period of time;
-  Grey — the unit never sent the data.

Connection State:

 Shows whether there is a connection with the unit at the moment.

-  The unit is connected;
-  The unit is not connected.



Monitoring Icons

Sensor State:



This column displays the state of the sensor:



(or any other colour) — Visualizes the sensor value (the colour is set in the sensor properties and the sensor is selected in the advanced properties tab);



text parameters (can be properly adjusted through a custom sensor);



The option is not activated for this unit;



The value is unknown.

Battery Level:



In this column the battery level of the device is displayed.

There are 4 available states:



Battery level from 0 to 25%;



Battery level from 26 to 50%;



Battery level from 51 to 75%;



Battery level from 76 to 100%.

Track:



The buttons allow you to build a track of unit movements.



Show a track on the map;



remove a track from the map;



not enough rights to query tracks for this unit.



Monitoring Icons

Messages:



Request messages from a unit.



Display messages;



Not enough rights to query messages from this unit.

The requested data is displayed in the Messages panel. The standard time interval (Today, Yesterday, Week or Month) for the query is set in the Monitoring panel customizer.

Quick Report:



Quick report execution.



Execute a report;



Not enough rights to execute reports for this unit or a report template is unavailable.

The requested report is generated in the panel based on the template selected in the Monitoring panel customiser. Standard time interval (Today, Yesterday, Week or Month) is also configured there. The time interval can either be standard or Other, which means it is taken from the Report panel.

Media:



View the latest media files (pictures or video) received from the unit (works for the devices that have such functionality).



The button to view media files;



no pictures (video) available.



Monitoring Icons

Video:



Opening a mini-window in the mode of video monitoring.



Click the button to open a mini-window in the mode of video monitoring;



there is no video available for the unit.

Commands:



Buttons to send commands to units:



There are available commands;



There are available commands, including GPRS commands (using TCP or UDP channel);



There are available commands, including GPRS commands, however, the current user does not have enough access rights to execute them;



There are no commands available or no rights to execute them.

SMS:



Send SMS to the unit or driver (the addressee is selected in the drop-down menu if both options are available). For full functionality, the current user should have the rights to send SMS, as well as the right to Edit connectivity settings of the unit.



Send SMS to the unit or driver;



The user has the right to send SMS, but there are no available phone numbers of the unit or driver.



Monitoring Icons

Events Registrar:

 Manual registration for such events as fuel fillings, maintenance service and other events in the unit history.



Open registrar;



Not enough rights to register events for this unit.

Properties:



View unit or group properties dialog (depending on the mode of work list display). To open the properties dialog, press the icon next to a unit or a unit group.

Clear List:



The buttons used to clear the list. To remove all the units or groups from the list, press the button in the header of the table. The same button is located in front of each unit or group and allows you to remove the items individually.



Tracks

Data Trails: Uncovering Patterns in Fleet Movement

The Tracks tab provides users with the ability to see a line drawn path on a map, demonstrating the details of where a unit has been within a preselected period. A track is mapped by planting data points from where messages have been sent and then joining them together with a line. Each of these points store the time and date from when the message was received, with it also providing the coordinates of where the message was sent. The data that is saved in these points also consist of parameters such as speed, sensors, etc.

There is an unlimited number of tracks that can be drawn on the map, with each of them being able to represent different units at various time levels. To avoid confusion between tracks, the user is able to set different colours for them.

Trakpro Monitoring **Tracks** Messages Reports Geofences Routes Drivers Jobs Notifications

Unit: Trakpro
Color: Single
Line thickness: 4px
Show annotations: ☐
Apply trip detector: ☐
Interval: Specified interval
From: 2019 August 01 00:00
To: 2019 August 03 23:59
Show Track

Object	Mileage	
☒ Trakpro 2019-08-01 00:00:00 - 2019-08-03 23:59:59	248.29 km	



Understanding The Track Page

The top left section allows users to select which unit they want to observe and the specific details about it (the colour of the track, the wanted markers and the time interval of the track).

The bottom left corner shows the tracks that have been executed and how far the unit has travelled in the preselected time period.

The right side is the map that displays the executed track and the unit.

How To Map a Track

1. First select the Tracks tab at the top of the screen.



2. Select the desired unit in the unit dropdown list. The dropdown list's content is dependent on the worklist in the Monitoring tab and the access to the units. However, if the worklist is completely empty then the units that the user possesses the rights to will be displayed.



How To Map a Track

3. Adjust the track details such as colour, thickness, markers-selected (markers highlight significant events on the track) to your liking.

Trakpro Monitoring Tracks Messages

Unit: Trakpro

Color: Single

Line thickness: 6px

Show annotations: ☒

Apply trip detector: ☒

Today Yesterday Week Month

Interval: Specified interval

From: 19 August 2019 00:00

To: 19 August 2019 23:59

Show Track

Markers:

-  Fuel thefts,
-  Speeding,
-  Fuel fillings,
-  Events (if a violation took place, the marker is red),
-  Pictures from messages,
-  Video from messages,
-  Parking places,
-  Short stops,
-  Initial position,
-  Final position.
-  Numbering,
-  Grouping.



How To Map a Track

4. Define the specific time interval that you wish to obtain data from. This is done by using the “quick intervals” (Today, Yesterday, Week, Month) or by selecting a specified interval using “From” and “To”.

Trakpro Monitoring Tracks Messages

Unit: Trakpro

Color: Single

Line thickness: 6px

Show annotations: ☒

Apply trip detector: ☒

Today Yesterday Week Month

Interval: Specified Interval

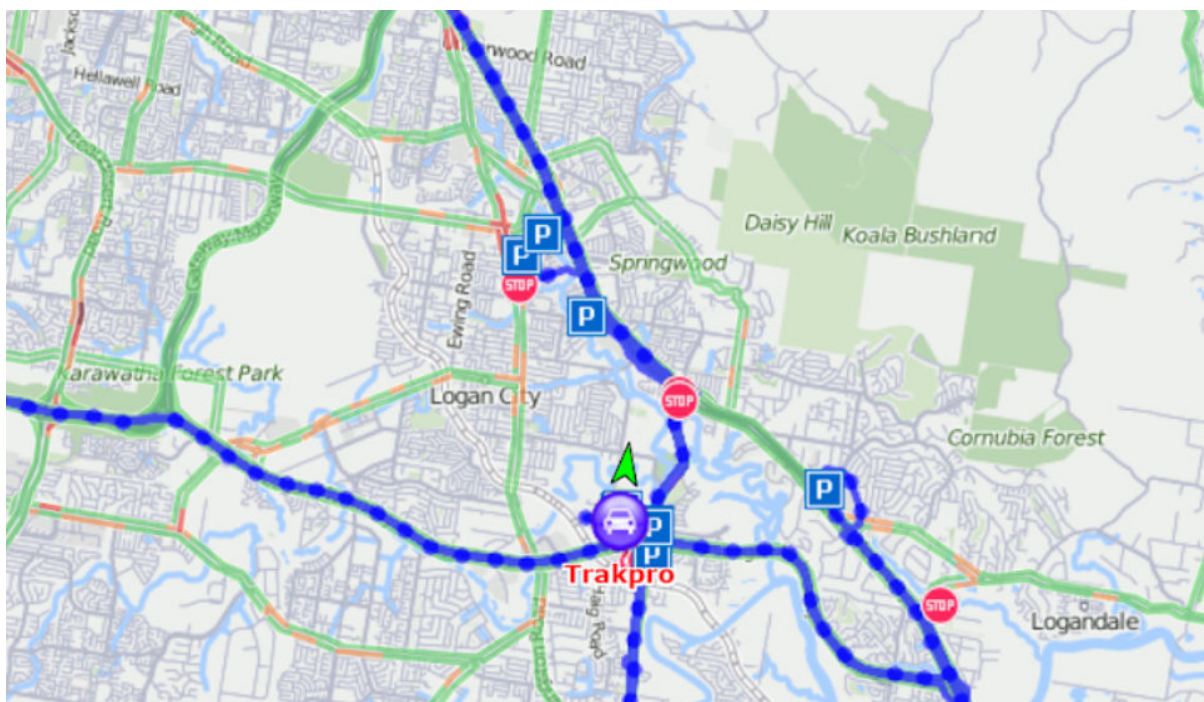
From: 19 August 2019 00:00

To: 19 August 2019 23:59

Show Track

5. After finishing these steps, select Show Track.

By following these steps, it will result in a point-to-point track being built according to the selected parameters, with it appearing on the map and the total distance travelled in that period appearing in the Mileage section. If the track takes an unreasonable amount of time to form, it either means that the preselected time interval is too long, or your internet is too slow.



Messages



Communication Logs: Decoding the Dialogue of the Road

The messages tab provides users with access to their unit/s database. In this tab users can view all of the messages received by their units such as, speed, coordinates, commands sent to the units, events that have occurred, as well as SMS messages.

When in the messages tab, the workplace can be divided into four sections:

1. In the top left corner, you can set the parameters of your request;
2. In the bottom left part there is the statistics for current request or a panel to export/import messages;
3. In the top right section there is the map;
4. At the lower right section there are the messages.

Trakpro Monitoring Tracks Messages Reports Geofences Routes Drivers Jobs Notifications Users Units

Unit: Trakpro

Today Yesterday Week Month

Interval: Specified interval

From: 2019 August 09 00:00

To: 2019 August 09 23:59

Message type: Data messages

Show parameters as: Sensor values

Clear Execute

1.

Statistics

Total messages: 576

Total time: 13:31:10

Distance: 84.23 km

Average speed: 6.23 km/h

Maximum speed: 117.00 km/h

2.

3.

4.

#	Time	Speed, km/h	Coordinates	Altitude, m	Location
101	2019-08-09 06:07:45	25	-27.2246783, 153.0071583 (16)	16	Endeavour Boul
102	2019-08-09 06:07:47	24	-27.224745, 153.00728 (16)	16	Cowen Terrace
103	2019-08-09 06:07:49	26	-27.224885, 153.0072999 (16)	15	Cowen Terrace
104	2019-08-09 06:08:19	14	-27.227495, 153.0066916 (16)	16	Endeavour Boul
105	2019-08-09 06:08:37	44	-27.2294283, 153.0062933 (16)	20	Endeavour Boul
106	2019-08-09 06:08:51	54	-27.230855, 153.0070066 (16)	15	Endeavour Boul
107	2019-08-09 06:08:59	39	-27.2313866, 153.007955 (16)	12	Endeavour Boul

Export and Import Messages

50 Page 3 of 12 Displaying 101 to 150 from 576 messages



How To Request a Message

To request a message from your unit, the parameters must first be formulated in the top left corner of the window.

1. First select the Messages tab.



2. Select the desired unit in the unit dropdown list. The dropdown list's content is dependent on the Worklist in the Monitoring tab and the access to the units.

3. Select the time interval that you wish to see messages for. This can be done by choosing one of the quick interval buttons (Today, Yesterday, Week, Month), or by selecting a specific time period using "From" and "To".



How To Request a Message

4. Choose a message type from the message type dropdown list:

- **Data Messages:** If you request messages with data, the table of messages will contain information about the message time, speed, coordinates, location, and available parameters (if selecting this message type, then also select if you want to observe the raw data or the sensor values in the dropdown list "Show parameters as").
- **SMS Messages:** SMS messages can be sent by a unit in the form of a command. The table generated for this request consists of three columns: the time when the message was received, the text of the message and the SIM card number embedded into the unit.
- **Sent Messages:** The commands sent to the unit by users are displayed on the Sent Commands request.
- **Log:** Any manipulations with the unit properties or its database are logged in the system automatically.

The screenshot displays the Trakpro web interface for requesting messages. The top navigation bar includes 'Monitoring', 'Tracks', 'Messages', and 'Reports'. The 'Messages' section is active. The form includes fields for 'Unit' (set to 'Trakpro'), time filters ('Today', 'Yesterday', 'Week', 'Month'), 'Interval' (set to 'Specified interval'), 'From' (20 August 2019 00:00), and 'To' (20 August 2019 23:59). The 'Message type' dropdown is open, showing options: 'Data messages' (selected), 'SMS messages', 'Sent commands', 'Registered events', and 'Log'. The 'Show parameters as:' field is visible below the dropdown. On the left, a 'Statistics' section shows 'Total messages:', 'Total time:', 'Distance:', 'Average speed:', and 'Maximum speed:'.



How To Request a Message

5. After finishing the parameters, select Execute to obtain your desired messages.

The screenshot displays the Trakpro Messages interface. On the left, there are search filters: Unit (Trakpro), Interval (Specified interval), From (20 August 2019 00:00), To (20 August 2019 23:59), Message type (Data messages), and Show parameters as (Raw data). Below these are 'Clear' and 'Execute' buttons. The main area features a map of Brisbane with a blue line indicating a track. On the bottom left, a 'Statistics' box shows: Total messages: 268, Total time: 08:07:41, Distance: 59.45 km, Average speed: 7.31 km/h, and Maximum speed: 109.00 km/h. The bottom right contains a table of message results.

#	Time	Speed, km/h	Coordinates	Altitude, m	Location
1	20.08.2019 00:03:16	0	-27.2228066, 153.0042416 (13)	32	Rawlins Crescent 17, North
2	20.08.2019 00:07:16	0	-27.2228066, 153.0042416 (14)	32	Rawlins Crescent 17, North
3	20.08.2019 00:11:16	0	-27.2228066, 153.0042416 (14)	32	Rawlins Crescent 17, North
4	20.08.2019 00:15:16	0	-27.2228066, 153.0042416 (15)	32	Rawlins Crescent 17, North
5	20.08.2019 00:19:16	0	-27.2228066, 153.0042416 (15)	32	Rawlins Crescent 17, North
6	20.08.2019 00:23:16	0	-27.2228066, 153.0042416 (14)	32	Rawlins Crescent 17, North
7	20.08.2019 00:27:16	0	-27.2228066, 153.0042416 (13)	32	Rawlins Crescent 17, North

At the bottom, there is a pagination bar showing 'Page 1 of 6' and 'Displaying 1 to 50 from 268 messages'. The footer includes the Trakpro logo and the time '08:12:03 (+09:30)'.



Reports

Operational Reports: Breaking Down the Numbers That Matter

The Reports tab allows for users to obtain graphical information such as graphs and tables, which is based on the activity of a unit. These reports can both be viewed in a browser, as well as in an exported file of various formats.

The Reports panel window can be divided into four sections:

1. In the upper left corner, the report parameters are adjusted;
2. In the lower left corner there are report templates;
3. In the upper right section, there is the map;
4. In the lower right section, you see the report itself.

The screenshot displays the Trakpro Reports panel. The top navigation bar includes Trakpro, Monitoring, Tracks, Messages, Reports (active), Geofence, Drivers, Passenger, Jobs, Notifications, Users, and Units. The panel is divided into four sections:

- 1. Report Parameters:** Located in the upper left, it includes fields for Template (START & STOP REPORT (SI...)), Object (Trakpro), Interval (Specified interval), From (09 August 2019 00:00), and To (09 August 2019 23:59). Buttons for Clear and Execute are at the bottom.
- 2. Report Templates:** Located in the lower left, it shows a list of templates under the heading "Report Templates".
- 3. Map:** Located in the upper right, it shows a map of Brisbane with a blue line indicating a route. A red Trakpro logo is visible on the map.
- 4. Report Table:** Located in the lower right, it displays a table of report data. The table has columns: No, Beginning, Initial location, End, and Final location. The data shows a sequence of locations and times for a unit.

No	Beginning	Initial location	End	Final location
1	2019-08-09 05:36:32	North Lakes, Rawlins Crescent 17	2019-08-09 06:22:53	Meadowbrook, El
2	2019-08-09 09:04:30	Meadowbrook, Ellerslie Road 20	2019-08-09 09:17:17	Beenleigh, Produ
3	2019-08-09 09:29:49	Beenleigh, Production Street 3	2019-08-09 09:44:45	Meadowbrook, El
4	2019-08-09 09:52:31	Meadowbrook, Ellerslie Road 20	2019-08-09 09:54:36	Meadowbrook, El
5	2019-08-09 10:03:36	Meadowbrook, Ellerslie Road 16	2019-08-09 10:11:04	Meadowbrook, El
6	2019-08-09 11:49:44	Meadowbrook, Ellerslie Road 20	2019-08-09 11:52:44	Meadowbrook, El
7	2019-08-09 12:20:44	Meadowbrook, Ellerslie Road 16	2019-08-09 12:25:44	Meadowbrook, El
----	2019-08-09 05:36:32	North Lakes, Rawlins Crescent 17	2019-08-09 12:55:41	Meadowbrook, E



How To View a Report

1. Select the Reports tab at the top of the screen to begin.



2. Select one of the four template options from the drop-down list (Please note, additional customised reports can be made to suit your needs. Contact us for help with this.):

- Device Data Report
- Geofence Report
- Speed Report
- Start and Stop Report

3. Select the desired unit that you wish to see the report on from the object drop-down list.



How To View a Report

4. Select your desired time interval from either the “quick options” (today, yesterday, week, month), or by choosing a specific time interval using “From” and “To”.

The screenshot shows the Trakpro Monitoring interface. The top navigation bar includes 'Trakpro', 'Monitoring', 'Tracks', and 'Me'. The main form has the following fields:

- Template: DEVICE DATA REPORT (dropdown)
- Object: Trakpro (dropdown)
- Quick options: Today, Yesterday, Week, Month (radio buttons, with 'Today' selected and highlighted by a red box)
- Interval: Specified interval (dropdown)
- From: 19 August 2019 00:00 (text input, highlighted by a red box)
- To: 19 August 2019 23:59 (text input, highlighted by a red box)
- Buttons: Clear, Execute

5. After completing these steps, select “Execute” to generate the report. The Report will then be generated in the lower right hand side of the screen.

6. If there are multiple report results, these can be viewed in the bottom left corner underneath the heading “**Report Results**”. Simply click on them to view the results. For example:

Report Result
SATELLITE CHART
 Satellite (smoothed)
SIGNAL STRENGTH CHART
SPEED CHART



How To View a Report

7. If you want to transfer/export/print the reports obtained, select the corresponding icons.

-  - Transfer to messages
-  - Export to PDF
-  - Export to Excel
-  - Export to File
-  - Print Report

<<

<

1

>

>>

Items from 1 to 5 of 5

50

Clear

	Nº	Beginning	Initial location	End	Final location	Driver	Duration
	1	2019-08-19 05:48:11	North Lakes, Rawlins Crescent 17	2019-08-19 06:37:59	Meadowbrook, Ellerslie Road 20	----	0:49:48
	2	2019-08-19 12:25:57	Meadowbrook, Ellerslie Road 20	2019-08-19 12:36:11	Springwood, Murrajong Road 17	----	0:10:14
	3	2019-08-19 12:43:53	Springwood, Murrajong Road 17	2019-08-19 13:02:10	Meadowbrook, Ellerslie Road 16	----	0:18:17
	4	2019-08-19 13:34:44	Meadowbrook, Ellerslie Road 16	2019-08-19 13:48:10	Beenleigh, Production Street 3	----	0:13:26
	5	2019-08-19 13:54:31	Beenleigh, Production Street 3	2019-08-19 14:15:18	Meadowbrook, Loganlea Road 254	----	0:20:47
	----	2019-08-19 05:48:11	North Lakes, Rawlins Crescent 17	2019-08-19 14:15:18	Meadowbrook, Loganlea Road 254	----	1:52:32

Note: All data is available for the previous 12 months only.

Geofences

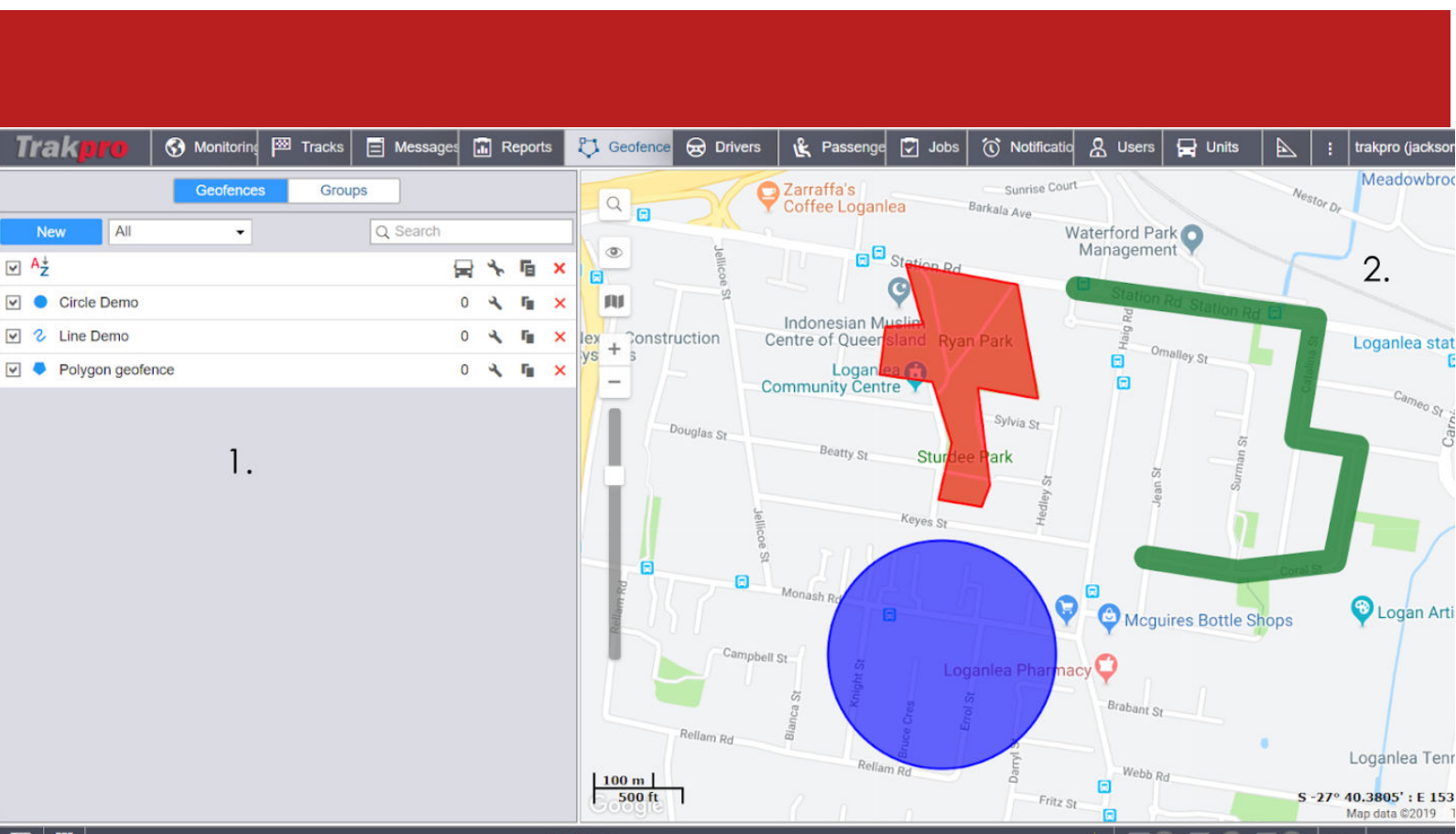


Virtual Boundaries: Monitoring Movement with Precision

The geofence tab, or geographical zone, is an area on the map that is particularly important for the user's tracking purposes. Geofences have the capability to control a unit's activity within a selected area, or on the contrary, outside them. Users have a choice on the shape of geofence they wish to install, with examples being a line (to represent a road), a polygon (to represent a park, plant or city) and a circle of any radius.

Geofences are widely used in our tracking system. Along with the map's visual enrichment, they can be used in reports, notifications, and units' tooltips. Geofences can also be used as check points for route configuration. Geofence's tooltip may contain dynamically updated images and videos from external sources.

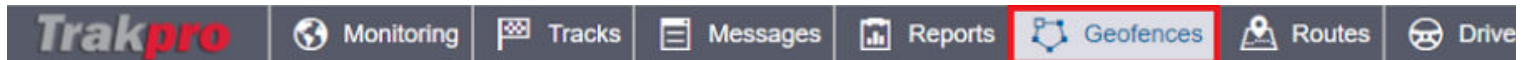
1. This area shows all of the geofences that have been made by the user.
2. The Map that displays the shape and the size of the geofence.





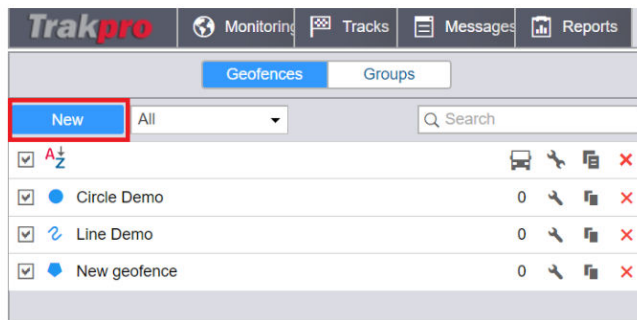
How To Create a Geofence

1. Select the Geofences tab at the top of the screen.

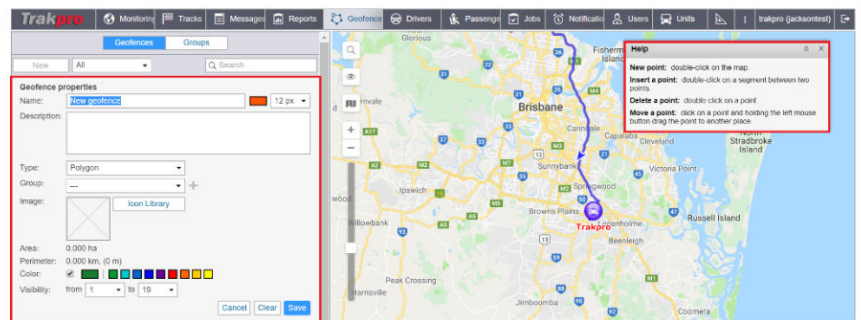


2. Press the 'New' button and a help window will provide you with the instructions on geofences' creation.

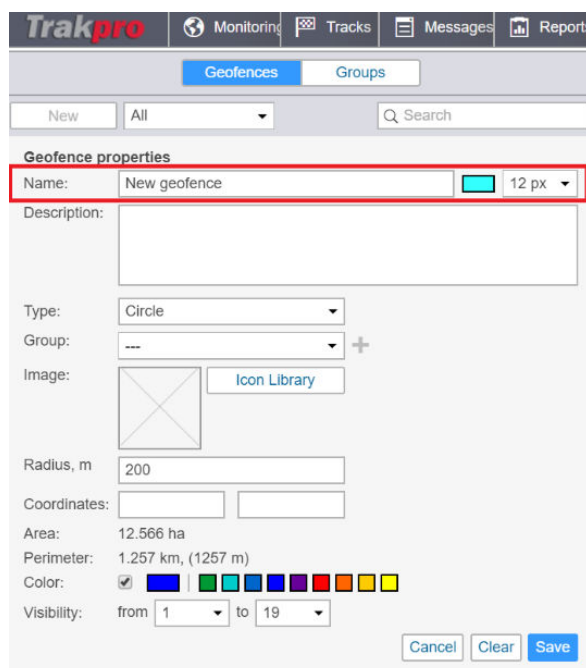
Before selecting "New"



After selecting "New"



3. Enter a desired word or phrase in the "name" section to name the geofence and select a caption colour and size to your liking.





How To Create a Geofence

4. Enter in a description of the geofence, with information such as the general area (The description does not need to be completed to make a geofence).

The screenshot shows the Trakpro web interface for creating a geofence. The 'Geofence properties' section is visible, with the 'Description' field highlighted by a red rectangle. The form includes fields for Name, Description, Type, Group, Image, Radius, Coordinates, Area, Perimeter, Color, and Visibility. The 'Name' field contains 'New geofence'. The 'Type' dropdown is set to 'Circle'. The 'Radius' is 200m. The 'Area' is 12.566 ha. The 'Perimeter' is 1.257 km. The 'Color' is selected as blue. The 'Visibility' is set from 1 to 19. The 'Description' field is empty and highlighted with a red box.

5. Choose the shape of the geofence you wish to make from the drop-down list in the “type” section.

The screenshot shows the Trakpro web interface for creating a geofence. The 'Geofence properties' section is visible, with the 'Type' dropdown menu open and 'Circle' selected. The form includes fields for Name, Description, Type, Group, Image, Radius, Coordinates, Area, Perimeter, Color, and Visibility. The 'Name' field contains 'New geofence'. The 'Type' dropdown is set to 'Circle'. The 'Radius' is 200m. The 'Area' is 12.566 ha. The 'Perimeter' is 1.257 km. The 'Color' is selected as blue. The 'Visibility' is set from 1 to 19. The 'Description' field is empty. The 'Type' dropdown menu is open, showing options: Circle, Polygon, Line, and Circle (highlighted in blue).



How To Create a Geofence

6. If wanted, add the geofence to a group (if available) and add an image to describe the area.

The screenshot shows the 'Trakpro' interface with a 'Monitoring' tab selected. Below the navigation bar, there's a 'New' button and a dropdown menu set to 'All'. A search bar is also present. The main section is titled 'Geofence properties' and contains the following fields:

- Name:** A text input field containing 'New geofence'.
- Description:** A large text area.
- Type:** A dropdown menu set to 'Circle'.
- Group:** A dropdown menu with a plus icon to the right.
- Image:** A placeholder box with a red 'X' and a button labeled 'Icon Library'.
- Radius, m:** A text input field containing '200'.
- Coordinates:** Two empty text input fields.
- Area:** A text input field containing '12.566 ha'.
- Perimeter:** A text input field containing '1.257 km, (1257 m)'.
- Color:** A color selection area with a checked box and several color swatches.
- Visibility:** A range selector with 'from 1' and 'to 19'.

At the bottom right, there are three buttons: 'Cancel', 'Clear', and 'Save'.

7. If using the types “Line” or “Polygon”, follow the steps below (if not, proceed to step 8):

- Double-click on any place on the map to put the first point. Then add more points using the same method. Put the points as close or as far from each other as you want.
- To insert a point between two other points, double-click on a segment between them.
- To move a point to another place, click on it and holding the left mouse button drag to another place on the map. Then release the mouse button.-
- To delete a point, just double-click on it. Note that points cannot be deleted if there are only two points — for lines, or three — for polygons.
- Note: If using a Line, you are able to adjust the thickness by changing the width in the geofence properties.



How To Create a Geofence

Line Geofence

The screenshot displays the Trakpro software interface. On the left, the 'Geofence properties' panel is visible, showing a 'Line' geofence named 'Line Demo' with a description of 'Jean Street 33, Loganlea, QLD 4131, Australia'. The map on the right shows a green line geofence drawn along a street. A 'Help' window is open, providing instructions: 'New point: double-click on the map.', 'Insert a point: double-click on a segment between two points.', 'Delete a point: double-click on a point.', and 'Move a point: click on a point and holding the left mouse button drag the point to another place.' The map includes various landmarks like 'Loganlea station', 'Sturdee Park', and 'Loganlea Pharmacy'.

Polygon Geofence

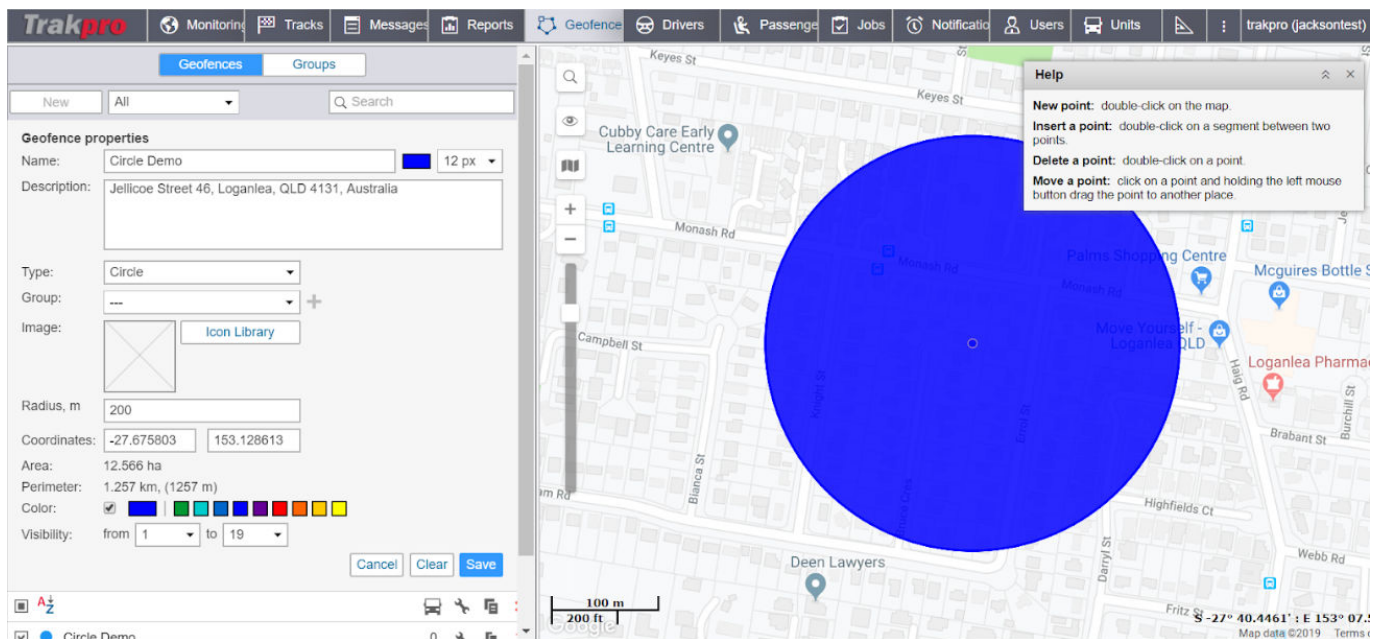
The screenshot displays the Trakpro software interface. On the left, the 'Geofence properties' panel is visible, showing a 'Polygon' geofence named 'Polygon geofence' with a description of 'Station Road 75, Loganlea, QLD 4131, Australia'. The map on the right shows a red polygon geofence drawn around a specific area. A 'Help' window is open, providing instructions: 'New point: double-click on the map.', 'Insert a point: double-click on a segment between two points.', 'Delete a point: double-click on a point.', and 'Move a point: click on a point and holding the left mouse button drag the point to another place.' The map includes various landmarks like 'Loganlea station', 'Sturdee Park', and 'Loganlea Pharmacy'.



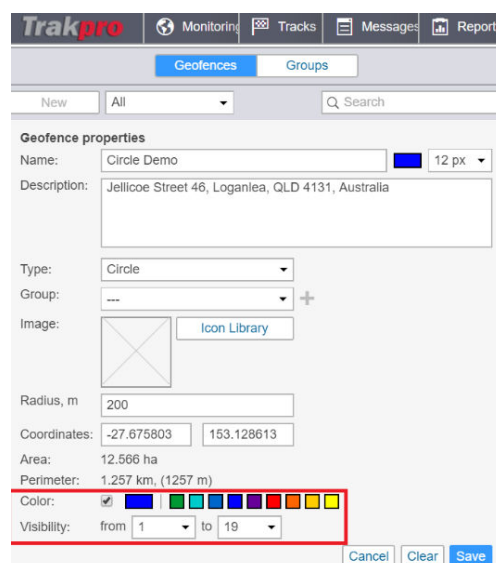
How To Create a Geofence

8. If using the “Circle” type, then double click the area you wish to place the geofence and then edit the width of it by changing the value in the “Radius” section.

Circle Geofence



9. Choose any colour that you wish your geofence to be and change the visibility to your desired preference.



10. After completing these steps, select save.

Routes



Optimized Paths: Tracking the Flow of Fleet Operations

The routes tab provides users the opportunity to track a unit that moves along a route and is supposed to visit preselected checkpoints, at a certain time or without any strict schedule.

The screenshot displays the Trakpro software interface, specifically the 'Routes' tab. The interface is divided into several sections:

- Top Navigation Bar:** Contains tabs for Monitoring, Messages, Reports, Geofences, Routes (highlighted), and Jobs. A user profile icon is visible on the right.
- Left Sidebar:** Features a 'New Route' button and a search bar. Below is a list of routes categorized by color and type, including 'Day in Amsterdam', 'Day in London', 'Day in NY', 'Day in Milan', and 'Unknown path'. Each route entry has a list of time slots and a status indicator (red 'X' or green checkmark).
- Main Map View:** Shows a map of Amsterdam with a yellow dashed line representing a route. Key locations marked on the route include 'Van Gogh museum', 'GYM', 'Hotel', 'Nemo Museum', and 'Red lights district'. The map includes a scale bar (1000m/2000ft) and coordinates (N 52° 23.4293' ; E 004° 53.3517').
- Bottom Timeline View:** Displays a timeline for various trips (Trip1, Trip2, Adventure, Moto trip, Journey) with color-coded bars indicating the duration and status of each trip. The timeline is set for '2016 July 22 00:00'.

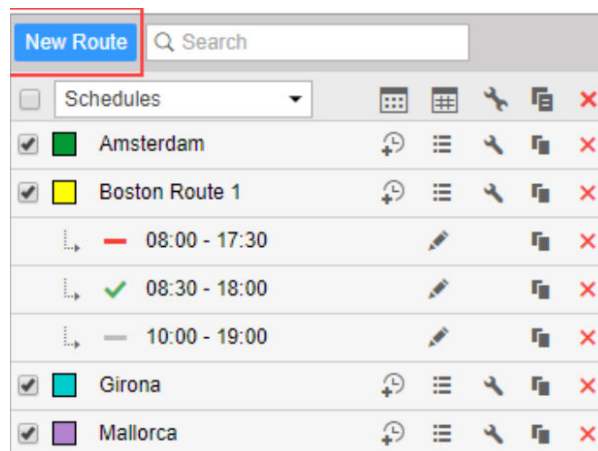
©Trakpro

How To Create a Route

1. Select the Routes tab at the top of the screen.



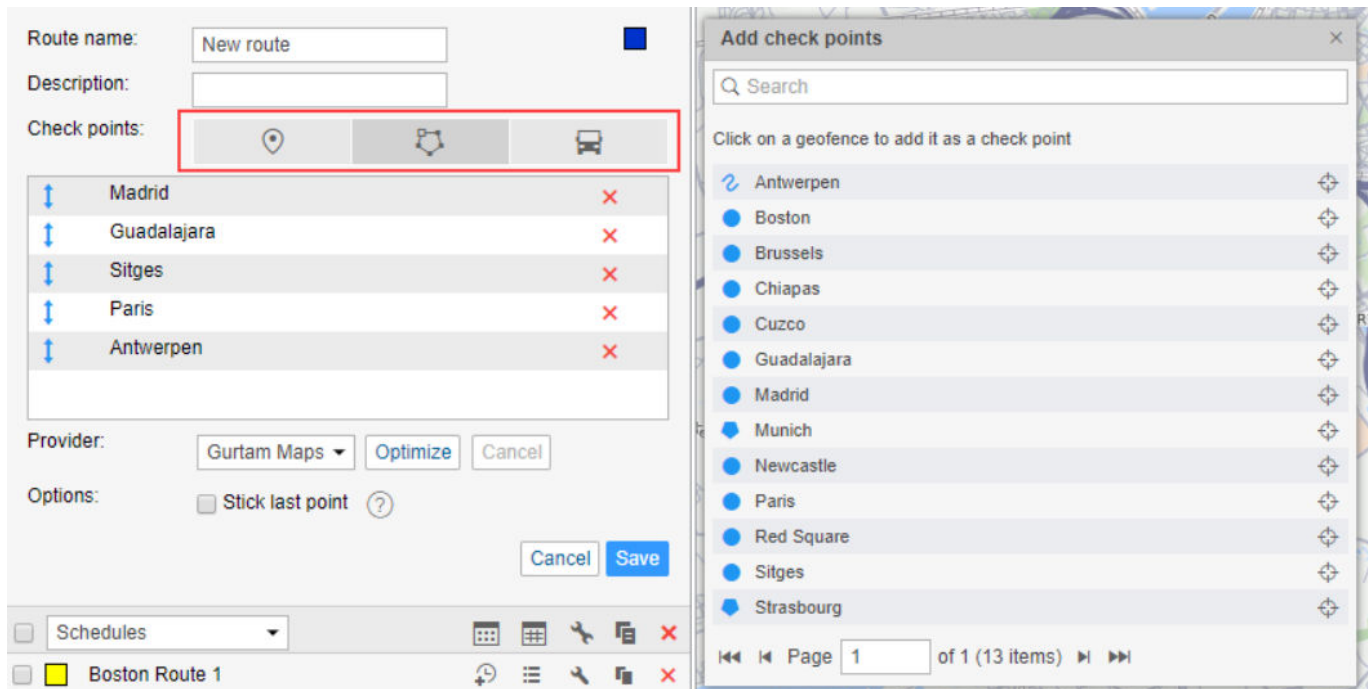
2. Press the New Route button.



3. Type the route's name (at least four characters), which will be displayed in the list, in notifications, in reports, in tooltips, etc. Optionally, you can add a description, and select the colour which will be used to display the route on the map and on the timeline.

How To Create a Route

4. Add check point/s so a path can be made to the location. Check points can be added by various means: from the map, from geofences and even from moving units.



5. Select save.

6. After the route has been saved; if wanted, add a schedule to arrive at the location by selecting the  icon and filling in the details.

Drivers



Human Factor: Turning Driver Activity into Actionable Data

The Driver tab provides users with the possibility to manage and create a list of drivers that are employed by you. Drivers can be easily assigned to a unit with the simple click of a button. These drivers will then be included in reports when their specific unit is being analysed. There are also additional features that can tie into this tab, that allows the user to manage if the driver of a unit is the correct one. These features can include RFID readers for example.

Trakpro

Monitoring

Drivers

Drivers

Groups

New

All

Search

☐	A-Z						
☐	Darth Vader						
☐	James Bond						
☐	Jason						
☐	Jason Statham						
☐	Jeremy Clarkson						
☐	Mad Max						
☐	Michael Schumacher						
☐	Nikulin						
☒	Transporter						
☐	Valentino Rossi						
☒	Vin Diesel						

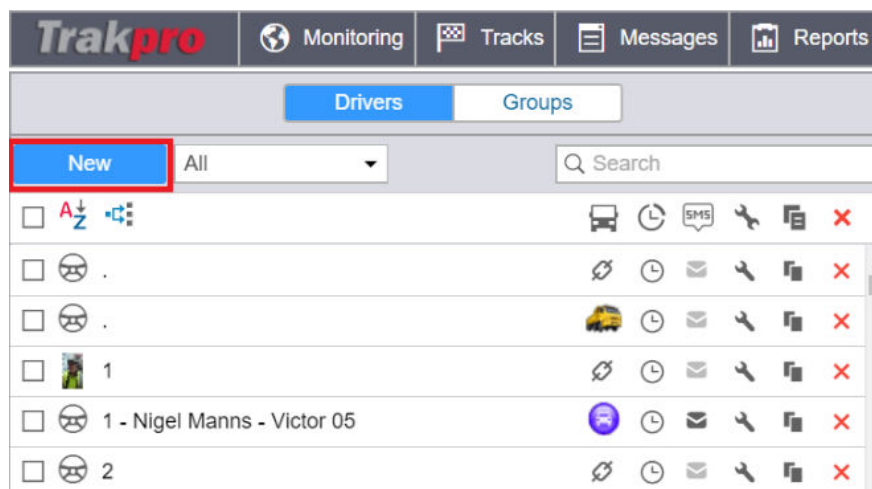


How To Create a Driver

1. Select the drivers tab.



2. Select "New" in the drivers tab.



3. Enter the name of the driver.

New Driver

Name: *

Code:

Description:

Phone number:

Mobile key:

Exclusive: ☐

Custom fields: +

Cancel OK



How To Create a Driver

4. Provide that driver with a unique code that will be able to identify the driver (this is only available if a driver ID system has been installed along with your tracking unit).

5. Enter any comments if needed into the description tab.

6. Enter the driver's phone number. This can be used to send SMS messages to the driver or make calls.

7. Enter a password into Mobile-Key for mobile authorisation. (Not needed to make a driver)

8. If this driver is to be assigned to one unit only, then select the "Exclusive" box.

9. Add additional information in custom fields such as, what car they are driving, how long they have been driving for and where they are driving.

10. If wanted, add a photo of the driver by clicking the steering wheel logo in the top left.

The screenshot shows a 'New Driver' form with the following fields and options:

- Name: *
- Code:
- Description:
- Phone number:
- Mobile key:
- Exclusive: ☒ (with a help icon)
- Custom fields: (with a '+' icon to add more)

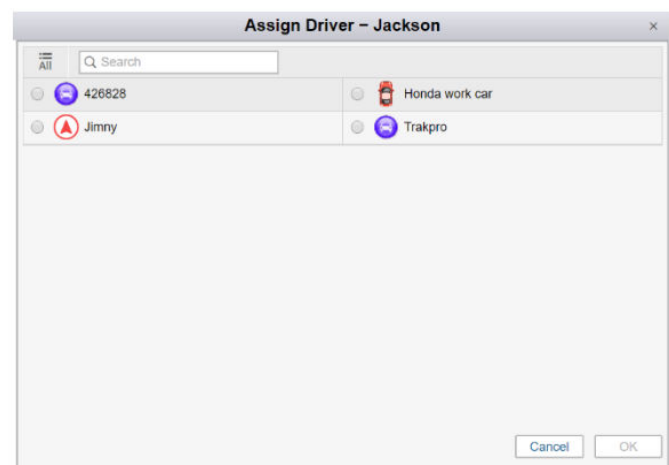
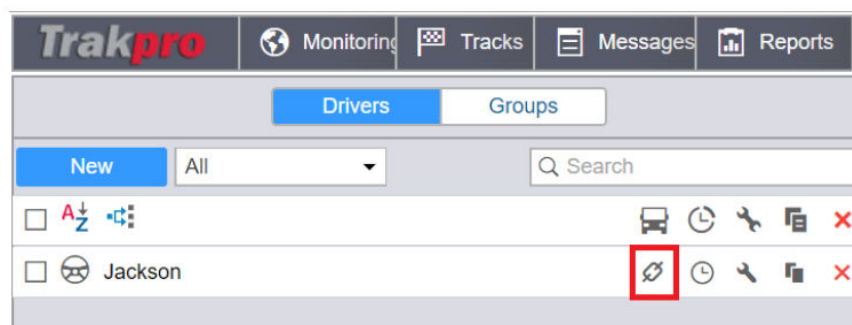
At the bottom right are 'Cancel' and 'OK' buttons. A red box highlights the steering wheel icon in the top left corner of the form area.



How To Create a Driver

11. After completing these steps, select “OK” to save the driver information.

12. After the driver is made you are able to bind this driver to any of your available units. This is done by selecting the  icon and choosing which unit you wish to bind the driver to.



This image illustrates what a completed “New Driver” should look like.

New Driver		
	Name: *	Mark Twain
	Code:	002
	Description:	Writer
	Phone number:	+613548284..
	Mobile key:	1234
	Exclusive: (?)	☐
	Custom fields:	
Territory	USA	+
Vehicle	Honda Civic 155	x
Driving experience	7 years	x
Cancel OK		



Jobs

Operational Tasks: From Dispatch to Completion

The Jobs tab allows for users to set a number of actions to be performed on a predefined schedule. A job can be command execution, sending reports by e-mail, changing access to units, etc.

Trakpro

Monitoring

Jobs

New

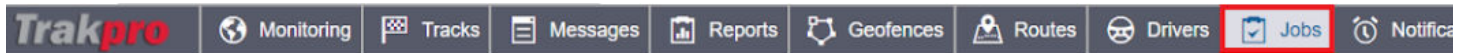
All

Search

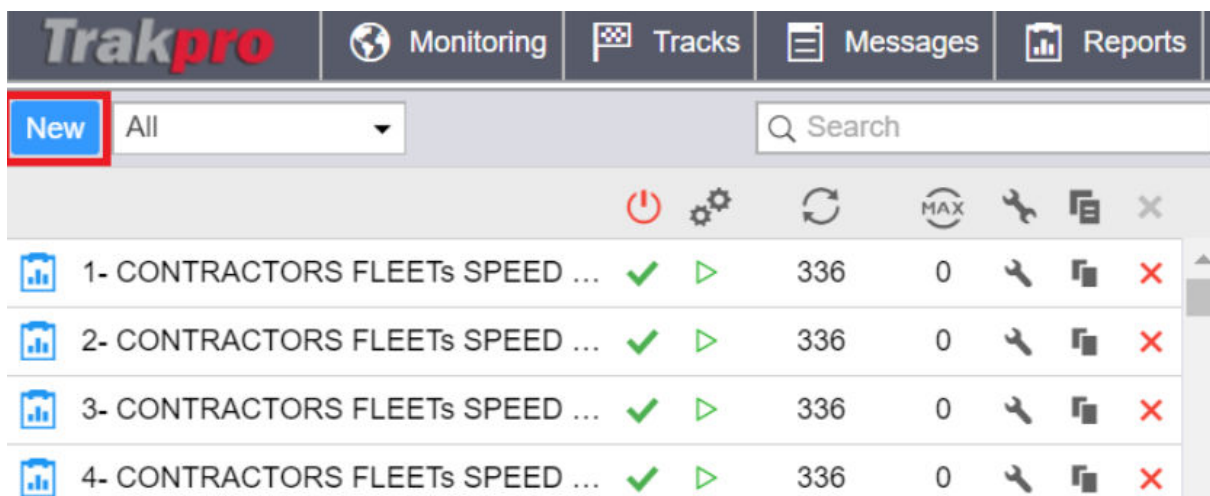
Access			176690	0			
Command			5	5			
Fuel			20	0			
Engine hours			340747	0			
Mileage			163	0			
Deactivate			163	0			
Report			163	0			
Message			27	0			

How To Create a Jobs

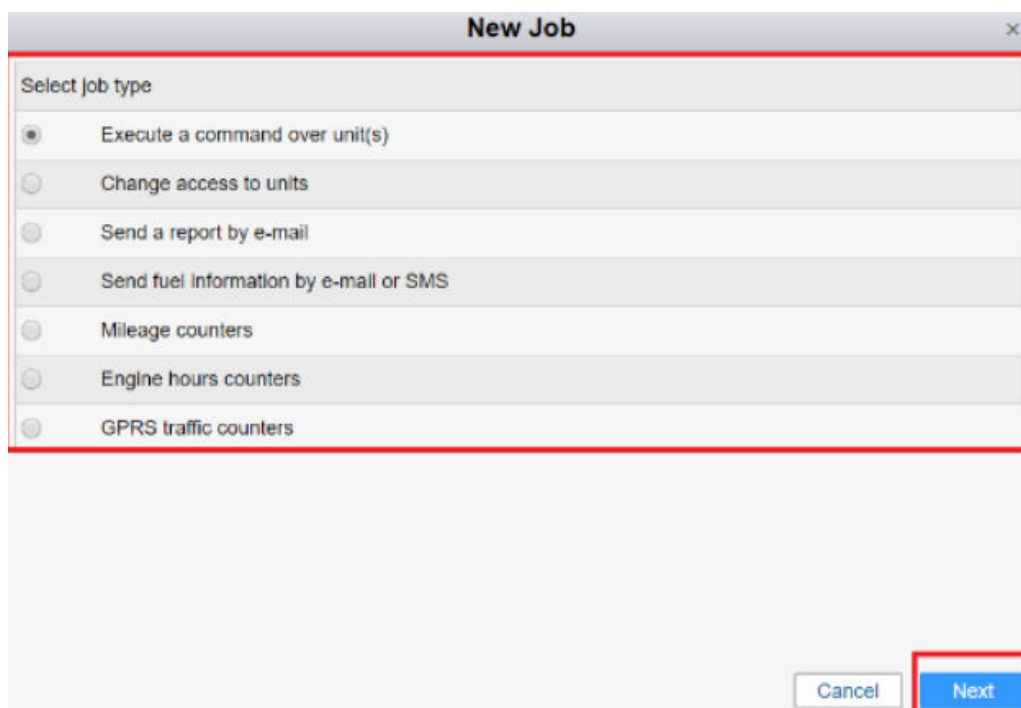
1. First select the Jobs tab.



2. Select the “New” button.



3. Select the desired job type you wish to create and select next. If required, you will then have to fill in the necessary details to complete the job.



How To Create a Jobs

4. Select the unit that the job is intended for and then select next.

The 'New Job' dialog box displays a list of units. The unit 'Jimny' is selected, indicated by a checked checkbox and a red triangle icon. The unit '426828' is also listed but not selected. The units 'Honda work car' and 'Trakpro' are listed on the right side. A red box highlights the unit list area. At the bottom right, the 'Next' button is highlighted with a red box, while 'Cancel' and 'Back' buttons are also visible.

5. Fill in the following details asked, such as: name, description, execution schedule, activation time, max, enabled and time limitation.

The 'New Job' dialog box shows the following fields and options:

- Name: New job
- Description: Add description
- Execution schedule: ☐ each 0 hours 0 minutes; ☒ on schedule
- Activation time: 20 August 2019 00:00
- Max executions:
- Enabled: ☒
- Time limitation:

At the bottom right, the 'Cancel', 'Back', and 'OK' buttons are visible.



How To Create a Jobs

6. After completing these steps, select “OK” to save the job. In the panel, the following icons and buttons are used:

Job type	Different kinds of jobs are marked with special icons in the first column: — command execution; — sending report by e-mail; — sending information about fuel by e-mail or SMS; — access management; — job on mileage counters; — job on engine hours counters; — job on GPRS traffic counting.
/	Clicking on job state sign at the header of the table, you can enable/disable all jobs at once (if you have access rights on them). Enable or disable a certain job.
	Job's test execution column. Test execution can be run for a particular job only. To run it, click
	The first (left) column shows how many successful executions there were; the second (right) column shows maximum executions allowed.
	Buttons to view and/or alter job properties (depending on your access).
	Create a new job on the basis of this one.
	Delete selected job.

Notification



Real-Time Alerts: Staying Ahead with Instant Updates

The notification tab notifies users about any unit activity that is considered significant. Significant meaning; speeding, location, sensor values, etc. These notifications can be received via e-mail, SMS, shown as popup in the window or replied to in other means.

Trakpro

Monitoring

Notifications

New

All

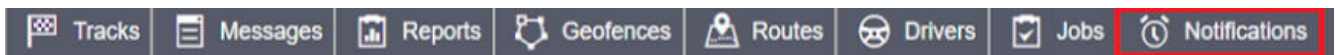
Search

Bind trailer	✓	2	2370	1			✗	
Bus	—	3	4198	1			✗	
Bus M	—	2	6317	1			✗	
Driver	—	3	6316	1			✗	
Connection loss	✓	2	0	1			✗	
Connection loss	—		3316	1			✗	
Speed limit	—		3	2			✗	
Parameter	—		3388	1			✗	
Fuel fillings	—		3	1			✗	
Fuel theft	✓	2	2370	1			✗	

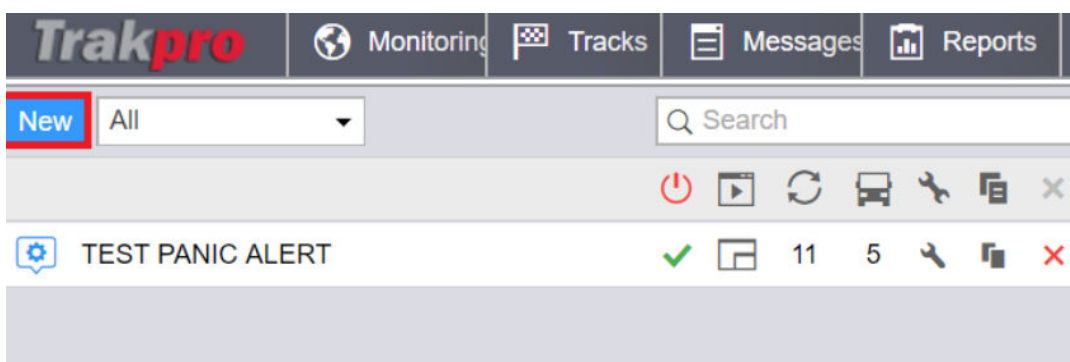


How To Create a Notification

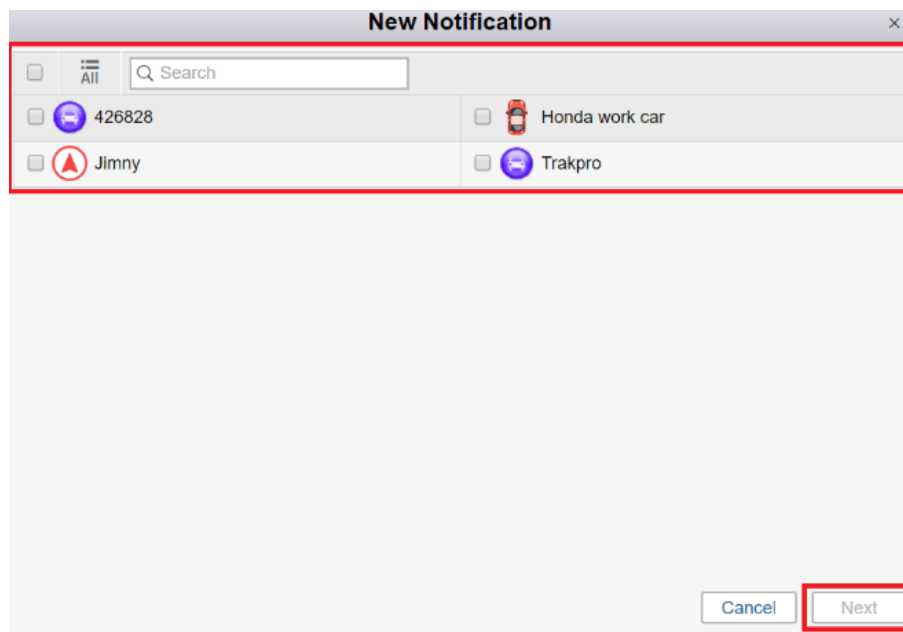
1. Select the notifications tab at the top of the screen.



2. Click the New button.



3. Choose unit(s) for which you want to create a notification and click Next. Units are selected in the same way as in jobs.





How To Create a Notification

4. Select what type of trigger you would like for this notification: geofence, speed, alarms, sensor values, message parameter, etc. Then click Next.

The 'New Notification' dialog box has a title bar with a close button. The main content area is titled 'Choose trigger type:' and contains a list of 16 radio button options arranged in two columns. The first column includes 'Speed' (selected), 'Alarm (SOS)', 'Parameter in a message', 'Connection loss', 'SMS', 'Address', 'Fuel filling', 'Driver', and 'Passenger alarm'. The second column includes 'Geofence', 'Digital input', 'Sensor value', 'Idling', 'Interposition of units', 'Excess of messages', 'Fuel theft', 'Passenger activity', and 'Maintenance'. At the bottom right, there are three buttons: 'Cancel', 'Back', and 'Next' (highlighted with a red box).

5. Adjust the control parameters needed for the notification type selected in the previous window: select geofences, indicate speed limits, etc. Click Next.

6. Indicate how the notification should be delivered: sent by e-mail or SMS, popup online, registered in unit history, etc/ what will happen if the notification is triggered (execute a command, set counter value, etc.).

The 'New Notification' dialog box has a title bar with a close button. The main content area is titled 'Choose measures to be taken when notification triggers:' and contains a list of 15 checkboxes. The first three are 'Notify by e-mail', 'Send notification to Telegram', and 'Display online notification in a popup window' (checked). Below the third checkbox are three input fields: 'Sound URL:', 'Color:' (with a color picker showing black, green, blue, purple, yellow, and red), and 'Blink minimap:'. The remaining 12 checkboxes are 'Send mobile notification', 'Send a request', 'Register event for unit', 'Execute a command', 'Change access to units', 'Set counter value', 'Store counter value as parameter', and 'Register unit status'. At the bottom right, there are three buttons: 'Cancel', 'Back', and 'Next'.



How To Create a Notification

7. Leave the tag list to what it automatically generates and select next.

New Notification

Enter notification text using tags listed below. They will be substituted with real values when notification triggers.

%UNIT% violated speed limitations. At %POS_TIME% It moved with speed %SPEED% near %LOCATION%.

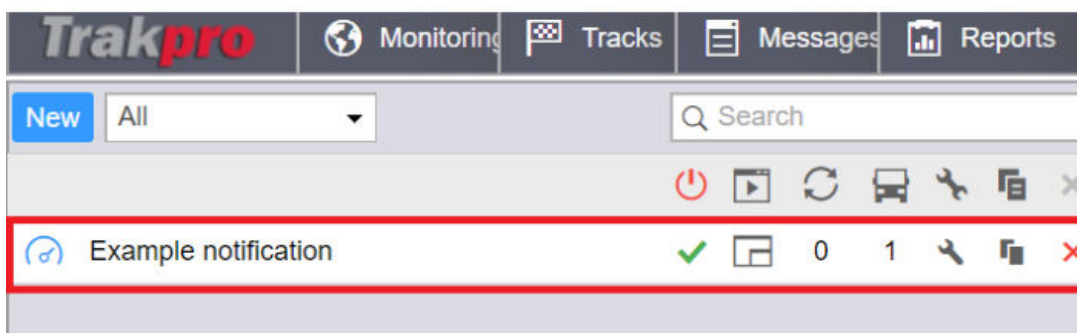
Add a parameter to notification text

Tag	Description
%UNIT%	Unit name
%CURR_TIME%	Current date and time
%LOCATION%	Unit location at the moment of notification
%LAST_LOCATION%	Unit last location at the moment of notification
%LOCATOR_LINK(60,T)%	Create locator link for the triggered unit (in brackets indicate lifespan in minutes, T and G parameters to show tracks and geofences)
%ZONE_MIN%	The smallest of geofences holding unit at the moment of notification
%ZONES ALL%	All geofences holding unit at the moment of notification

Cancel Back **Next**

8. Key in a name for the notification and adjust the schedule for its performance.

9. Click OK. The created notification appears in the list in the left part of the window.





Notification Management

Notification state:  — enabled,  — disabled.

 How many times a notification has already triggered.

 How many units are under control of this notification (see the list of these units in the tooltip).

Control type	Action(s)
 speed	 e-mail
 geofences 	 SMS
 alarm (SOS)	 online popup window
 digital input activation/deactivation	 mobile notifications sending
 sensor value	 POST/GET request sending
 parameter in a message	 event registration
 connection loss	 violation registration
 idling	 command execution
 SMS	 modify users access level
 interposition of units	 manipulate counters
 address visit	 register unit status
 excess of messages	 modify unit groups
 fuel filling	 send a report by e-mail
 fuel theft	 — icon change;
 route progress	 create new round
 driver control	 reset driver
 trailer control	 reset trailer
 maintenance (service intervals)	2, 3, etc. — if there are several notification actions chosen, a digital indicator shows the quantity of such actions.

Users



User Access: Managing Roles, Permissions, and Activity

The User tab allows users to access their accounts (if they have multiple) with the use of a unique username and password.

The user system is defined by its specific name (login) and password. Users can login to Trakpro and control their units with the help of different tools and features. Different users can have different access to units and different sets of allowed activities. They can create their own geofences, report templates, etc. non-visible to other users.

- The button to login as this user. It is disabled if you do not have enough access privileges.
- 🔧 or 👁 — Edit or view user's properties (depending on your access). User properties dialog can contain up to five tabs that were described above:

Trakpro

 Notifications

 Users

New

 Search

				
Barbara Green				
Boris Brejcha				
Michael Soul				
Rachel Maddow				
Samantha Maiden				
Stephen Colbert				
Viktor Bregovich				



How To Create a User

1. If you want to create a new user with the intent of adding new units or previous units onto it; please contact “support@trakpro.com.au”.

Application of Tab

If you have access to several users, it affects the system in whole. You can create a unit under a selected user or within their account. As a rule, the information that a certain unit (driver, geofence, unit, etc.) belongs to a certain recourse or account is displayed in unit's tooltip or properties dialog.

Besides, in all panels containing filters, there is an additional filter by user/account (in the form of a dropdown list).

Units



Asset Monitoring: Tracking the Status of Every Unit

The unit tab provides users with the ability to see and access all of their available units, whether that's vehicles, persons, pets or anything that can be monitored with a GPS tracking device/system.

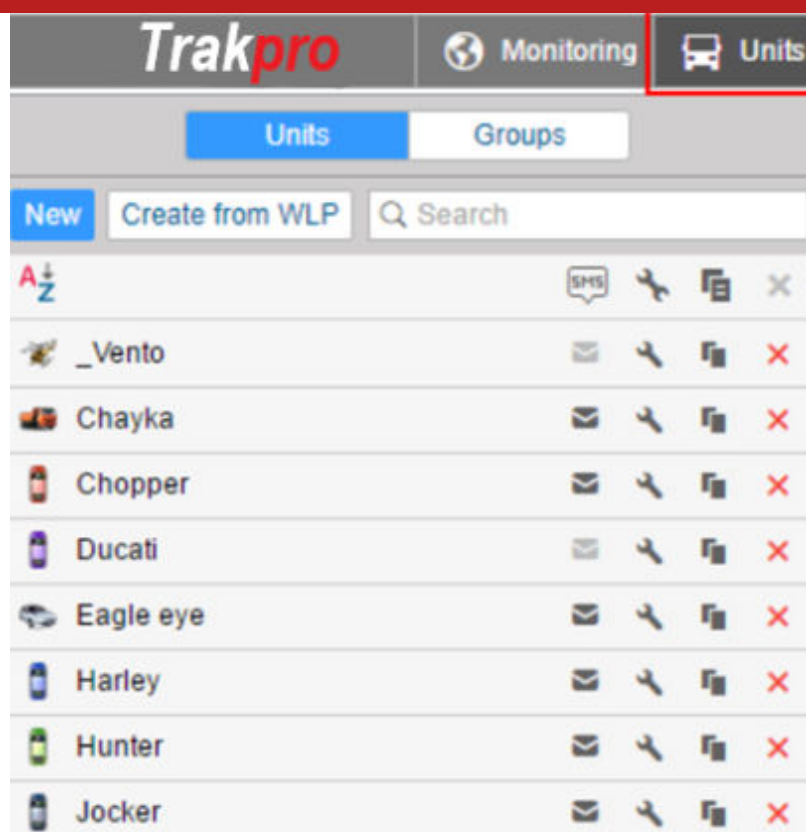
✉ — Send SMS to the unit's SIM card. It can be a SMS or other message

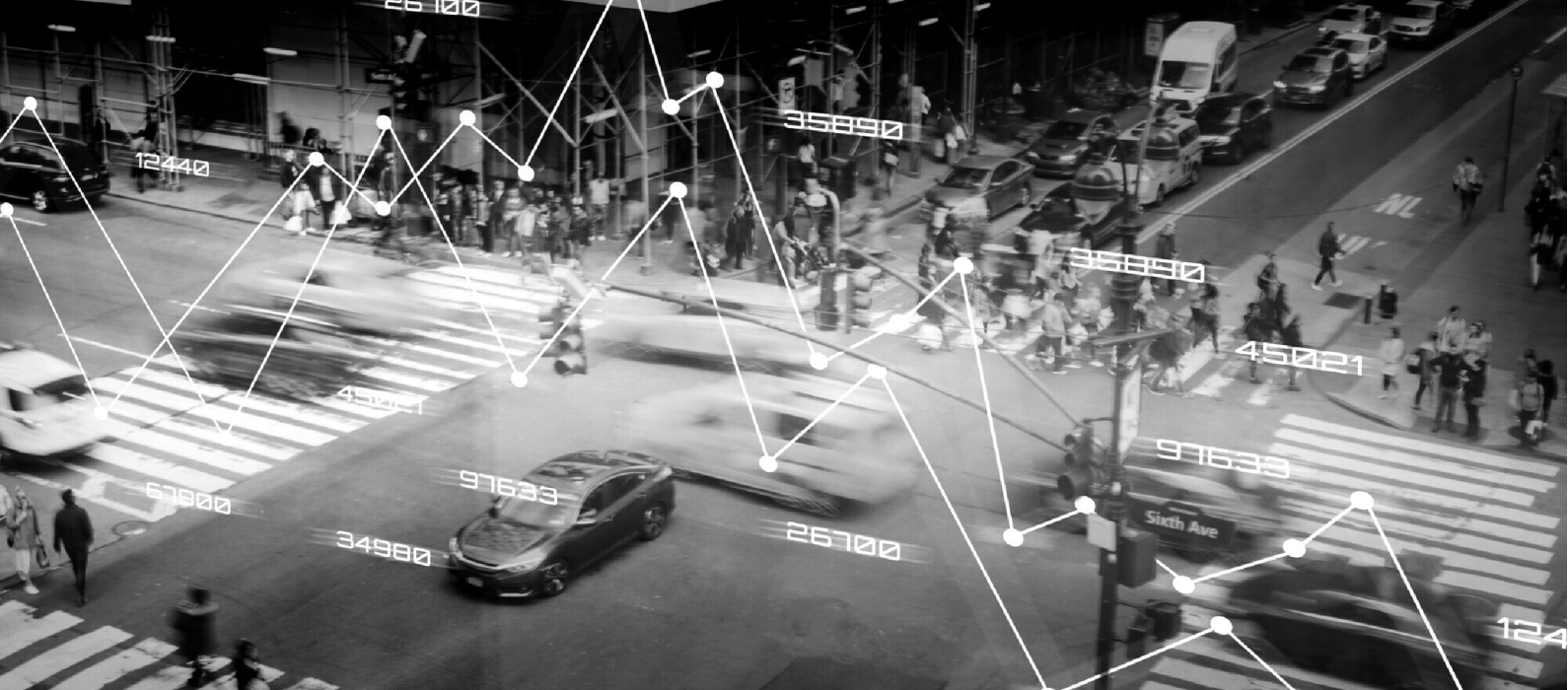
🔧 — View or edit unit properties.

📄 — Create a copy of this unit.

✖ — Delete a unit from the system completely. If the icon is inactive, then you do not possess enough rights to perform such an action

**If you want to create/add a new unit to your user; please contact
“support@trakpro.com.au”.**





Conclusions

Next Steps: Ready to Put Your Knowledge into Action

We hope this guide has provided a clear and helpful introduction to using the platform. Whether you're a new client getting started or an existing user looking to refresh your knowledge, this guide is designed to support your success.

As you explore the system further, don't hesitate to reach out with any questions or for additional assistance. Our team is here to help —just contact us at Support@trakpro.com.au or (07) 3209 4985.



Contact

www.trakpro.com.au
support@trakpro.com.au
(07) 3209 4985



@Trakpro Aus