TRACKING WEB USER MANUAL

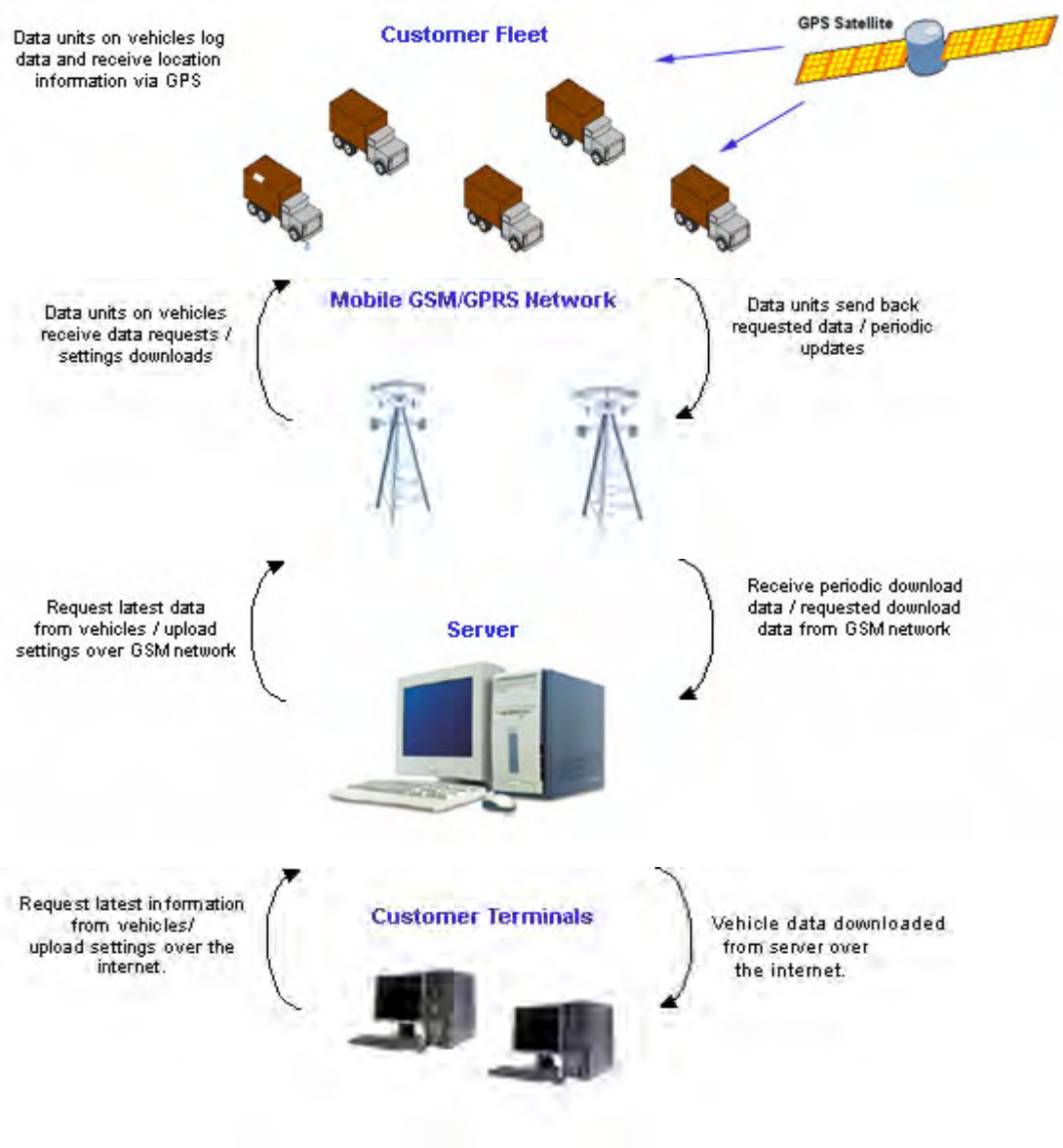
TK60178-8-OP-EN REV.3.3

Contents

System Overview

TracKing is an application from Thermo King powered by Celtrak which enables customers to track their vehicles/reefers in real time, to receive important data and alarms, and to generate reports on data gathered. This user manual deals mainly with how to use the TracKing software, but an understanding of how the overall system works may be helpful.

The graphic below gives an overview of the elements involved in the system, and how the data is transferred from the vehicles in the fleet to be displayed on the monitoring screens on the customer site. Click on any section for more information on how it works.



Customer Fleet

The customer fleet can consist of any number of vehicles. Those which need to be monitored must have the correct hardware installed by your Thermo King dealer before tracking can begin.

The hardware installed in the vehicle by your Thermo King dealers performs a number of functions:

- It receives constant updates from the GPS satellite network which enables it to log the vehicles' exact location.
- It contains an array of sensors and monitoring equipment which allow it to log details such as temperature, speed and engine status.
- It is GSM-enabled which allows it to communicate the data it has logged (location data and sensor readings) back to the server at any time and from any location.

Data is transferred to the server:

- At predefined intervals.
- When a request for the latest data is received by the unit.

GSM/GPRS Network

The server communicates with the hardware installed in the vehicles over the GSM network. It can use a combination of SMS (short message service) messages and GPRS. GPRS allows the transfer of larger amounts of information more efficiently.

For this reason, each vehicle (or more precisely, the hardware installed in it) has a specific mobile number assigned to it. This is set up by the Thermo King dealer during installation and does not require any customer administration.

Thermo King Server

The server sits at the heart of the TracKing system. It provides the interface between the monitoring software run in browsers on customer sites, and the customer fleet.

The server also stores configuration detail and user settings so that a user can log on at any PC terminal and experience the same user interface and personalised settings.

Customer Terminals

Customers can monitor their fleet activity using the TracKing application. It can be run on Internet Explorer 8.0 or higher, and Firefox 3.5 or higher by logging into the Tracking site with a valid username and password.

Clicking the update button within the application will send a request for the most up-to-date vehicle data to the server. Where necessary, the server will forward the request to the vehicle. When available, the data is downloaded to the customer terminal and displayed in the relevant pages.

Login Page

To begin using the TracKing monitoring software, first log into the TracKing system as follows:

1) Open a web browser (For example, Internet Explorer or Mozilla Firefox).

2) Navigate to www.tktracking.com. You will be presented with the following login page:

3) Enter your Username and Password.

4) Select your preferred language from the drop-down menu.

5) Click the LOGIN button. This will open the main TracKing page.

Note: If you do not have a valid Username and/or Password, please contact your system administrator.

User Levels

The system caters for a number of different levels of user. Your user level is determined by your Username and Password. Each level has a defined degree of access to system features, in particular the options available on the Administration page.

All users can access the tracking features.

The table below shows the different levels available, and an indication of what degree of access they allow:

User Level	Vehicle Admin.	User Admin.	Miscellaneous Admin.
Basic	None	None	Contacts; POI Maintenance; Alarm Notification; Data Logger Downloads; Geo Fence Administration;
Administration	Add vehicle group; Vehicle group search; Vehicle search; Two-way commands;	Add User; User Search;	Contacts; POI Maintenance; Alarm Notification; Temperature Range Settings; Data Logger Downloads; Geo Fence Administration;

Note: If you feel that you do not have the correct level of access, please contact your system administrator.

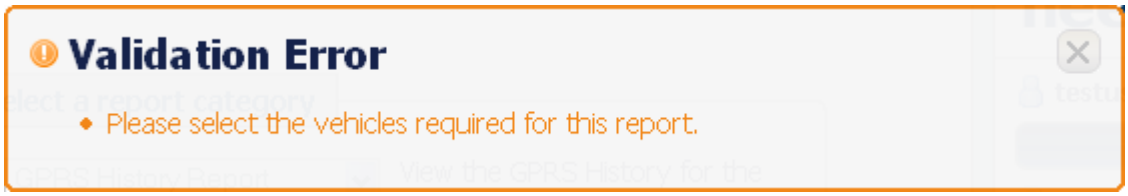
Error Messages

To ensure that data is inputted correctly to the system, checks are done in software on the values entered into the data fields on pages requiring user input. Similarly, any changes to the system configuration (add/edit/delete) are cross-checked to ensure that they will not adversely affect another setting. If any problems are anticipated, the system will generate an error message to alert the user to potential problems.

To close an error message, click on the 'X' in the top right-hand corner of the message box.

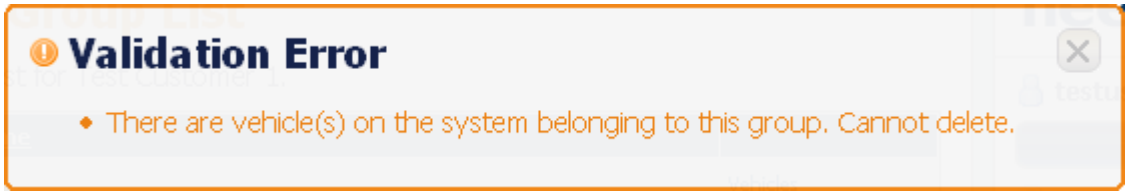
Example 1

If a user tries to generate a report without selecting any vehicles, a validation error will be displayed advising the user to select vehicles:



Example 2

If a user attempts to delete a vehicle group from the system which still has vehicles assigned to it, the system will alert the user with the following error message:



GPRS Connectivity Functions Matrix

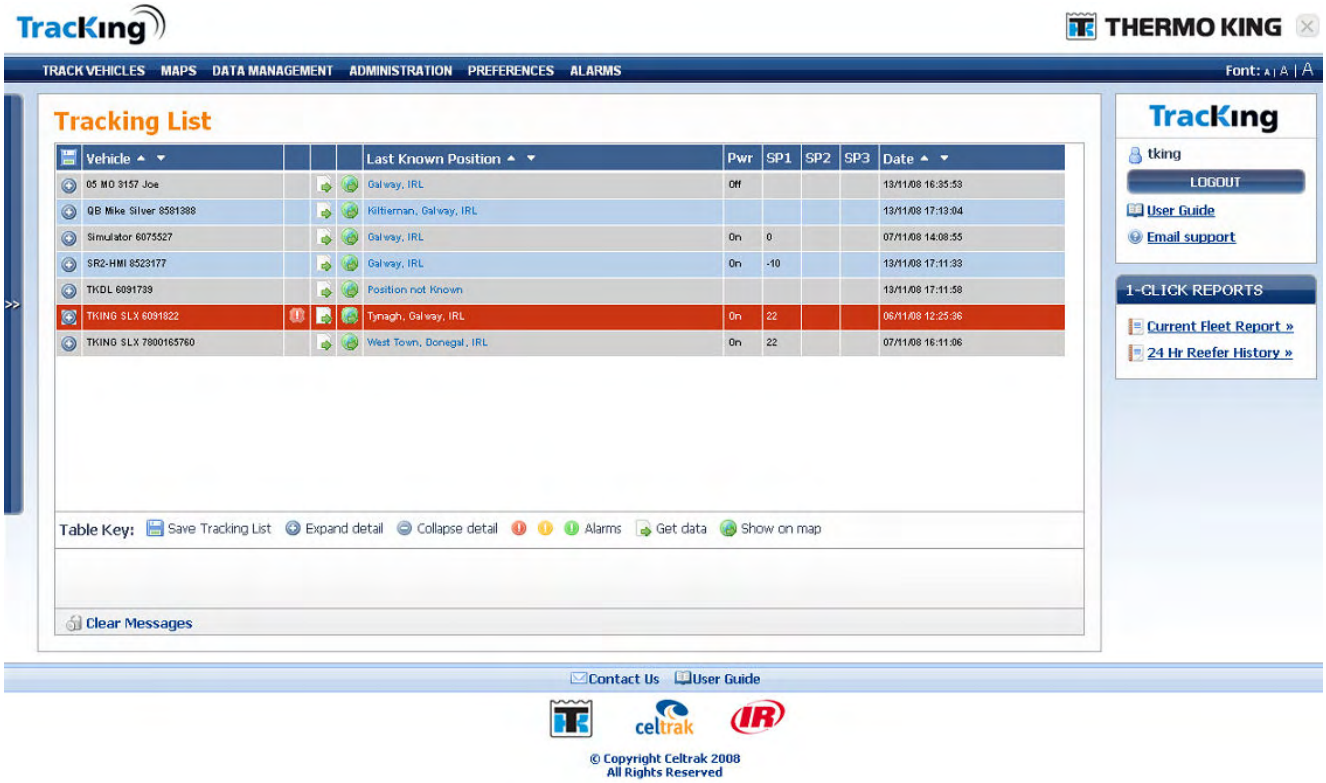
The table below shows the TracKing GPRS functional features which are available for different models.

	SR2-HMI	µP-VI w/ DAS	µP-VI	µP-V w/ DAS	µP-IV MT w/ DAS	µP-IV MT	TG-VI w/ DAS	TTMT w/ DAS	µP-T w/ DAS
1. Display of SP (1zone/multi-zones)	YES	YES	YES	YES	YES	YES	YES	YES	YES
2. Display of RA (1zone/multi-zones)	YES	YES	YES	YES	YES	YES	YES	YES	YES
3. Display of DA (1zone/multi-zones)	YES	YES	YES	YES	YES	YES	YES	YES	YES
4. Display of independent sensors	YES	YES	NO	YES	YES	NO	YES	YES	YES
5. Display of alarms (1zone/multi-zones)	YES	YES	YES	YES	YES	YES	YES	YES	YES
6. Display of OP-mode (1zone/multi-zones)	YES	YES	YES	YES	YES	YES	NO	YES	NO
7. Display of unit mode(Cycle Sentry/Cont)	YES	YES	YES	YES	YES	YES	YES	YES	YES
8. Display of Hour meters	YES	YES	YES	YES	YES	YES	YES	YES	YES
9. Display of Fuel level *	YES	YES	YES	YES	YES	YES	YES	YES	YES
10. Display of Door status	YES	YES	YES	YES	YES	YES	YES	YES	YES
11. Display Battery voltage	YES	YES	YES	YES	YES	YES	YES	YES	YES
12. Display of Ambient temperature	NO	NO	NO	NO	NO	NO	NO	NO	NO
13. Display of position	YES	YES	YES	YES	YES	YES	YES	YES	YES
14. Display of date/time	YES	YES	YES	YES	YES	YES	YES	YES	YES
15. Display of Speed	YES	YES	YES	YES	YES	YES	YES	YES	YES
16. Change of SP	YES	YES	YES	NO	YES	YES	YES	YES	YES
17. Initiate Defrost	YES	YES	YES	NO	YES	YES	NO	YES	NO
18. Initiate Pre-Trip	YES	YES	YES	NO	YES	YES	NO	YES	NO
19. Clear Alarms	YES	YES	YES	NO	YES	YES	NO	YES	NO
20. Change Unit Mode	YES	YES	YES	NO	YES	YES	YES	YES	YES
21. ON-OFF Two-Way	YES	NO	NO	NO	NO	NO	NO	NO	NO
22. Geo fencing	YES	YES	YES	YES	YES	YES	YES	YES	YES
23. Scheduled-daily Download OTA	YES	YES	NO	YES	YES	YES	YES	YES	YES
24. Wake-up Capability(SCOM-DPD/x-Wake)	YES	YES	NO	YES	YES	NO	YES	YES	YES
25. On-demand Download	NO	NO	NO	NO	NO	NO	NO	NO	NO
26. Alarm Notification	YES	YES	YES	YES	YES	YES	YES	YES	YES

*** - Fuel visibility only possible when using the correct fuel gauge**

Main Page

Once logged in, you are presented with the main TracKing page, as shown below:



The main page contains the features listed below. Click on a heading for more information on any feature:

Menu Bar

This provides links to the different pages within TracKing: Track Vehicles; Maps; Data Management; Administration; Preferences and Alarms.

Vehicle Selection Menu

The vehicle selection menu slides out when the user hover's over this vehicle selection menu icon  . It contains a list of the vehicles configured on the customer's system.

Logout Panel

This panel is displayed on all pages. It identifies the logged in user, and allows the customer to logout when finished using TracKing.

1-Click Reports

These options allow the user to quickly generate reports on the current fleet.

Page Footer Icons

The icons in the page footer give the user access to Contact information and this User Manual.

Vehicle Selection Tree

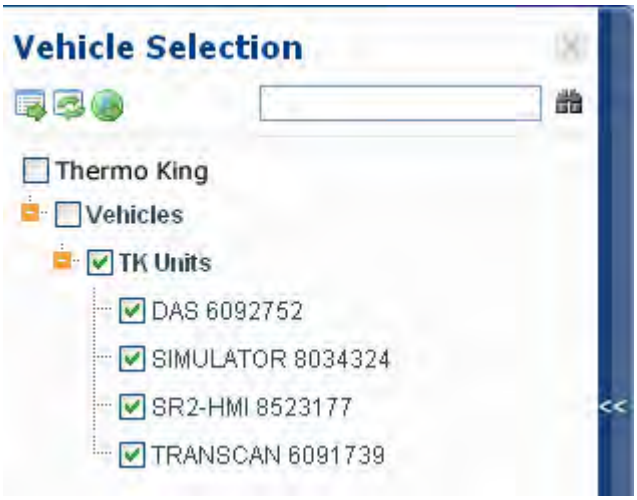
This slide-out menu is available on all pages and allows the user to see all the vehicles configured on their TracKing system. Depending on the system configuration, the vehicles may be arranged in groups. Tick boxes are provided for each vehicle and group to enable the user to select which vehicles/groups will be displayed on the current page (for example, in the tracking list or on the map).

Note: After selecting vehicles, the user should click the Refresh icon to update the data in the main browser window before exiting the Vehicle Selection menu.

Accessing the Vehicle Selection Tree

1) To access the menu, hover over the navy bar >> at the side of the browser window.

When the menu slides out, it displays a list of vehicles and user icons, as shown below:



2) To close the menu:

- Click on the navy bar again, or,
- Click in the main browser window, or,
- After a short period of inactivity, the menu will close automatically.

Selecting Vehicles

The user can select/deselect all vehicles at once, as a group or individually by checking the box at the appropriate level.

To select a vehicle to include in the display on the current page, tick the box next to it.

Vehicles can be located by scrolling through the list or using the search option.

Icons

There are a number of icons displayed within the menu to help the user. The icons provide the following functions:

 **Poll Vehicles**: Once the user has selected the vehicle(s) of interest, clicking this icon will update the vehicle details in the tracking list.

 **Refresh**: Click here to refresh the data displayed on the current page.

 **Confirm Map Selections**: Click here to go to the map page and confirm the vehicle selections.

 **Search**: Enter a full or partial name or number in the text box, and then click this icon to search for a vehicle. Any matches are highlighted in blue for easy identification as the user scrolls through the list.

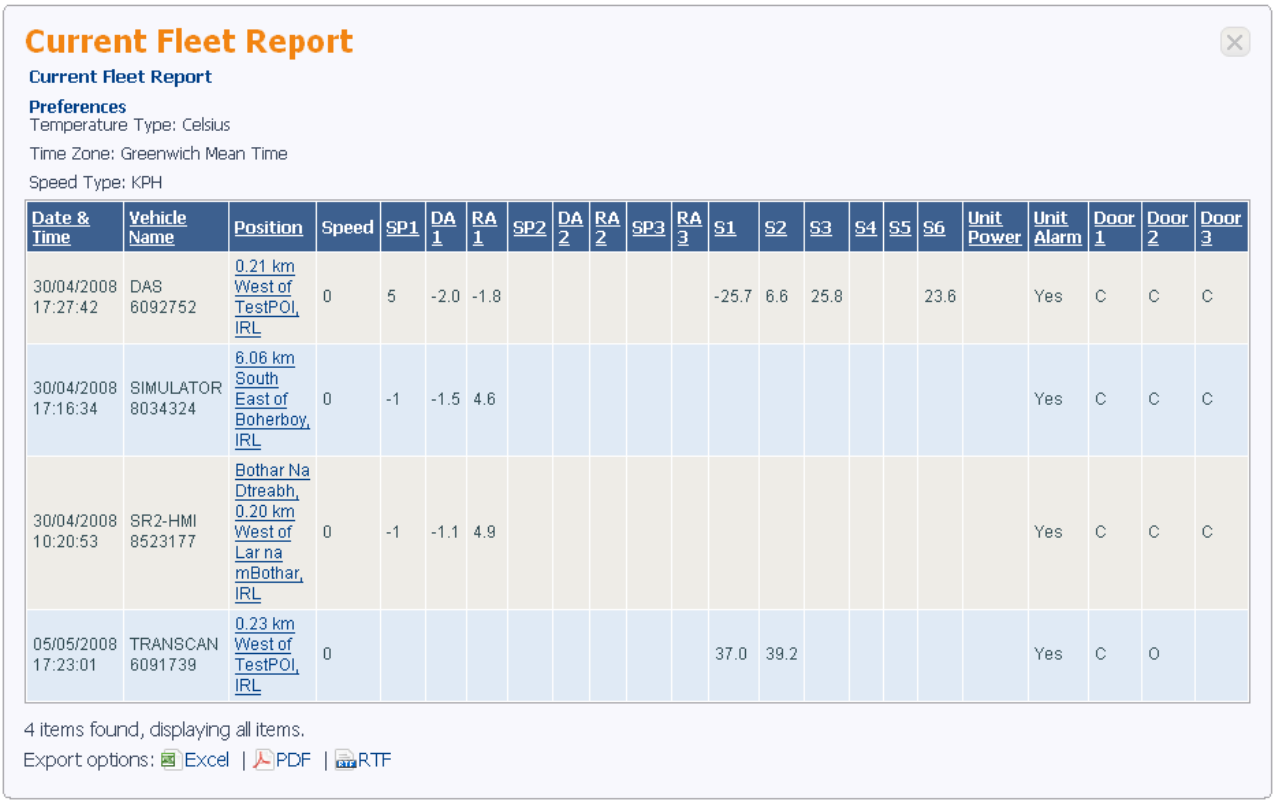
1-Click Reports

The 1-Click Reports feature gives the user easy access to fleet data. The report can be viewed in the browser window, and if required, exported to an Excel, PDF or RTF file.

There are two report options available:

1. Current Fleet Report

   Click the Current Fleet Report link to generate a report on all vehicles. The data will be displayed as shown in the screenshot below.



Current Fleet Report

Current Fleet Report

Preferences
Temperature Type: Celsius
Time Zone: Greenwich Mean Time
Speed Type: KPH

Date & Time	Vehicle Name	Position	Speed	SP1	DA 1	RA 1	SP2	DA 2	RA 2	SP3	RA 3	S1	S2	S3	S4	S5	S6	Unit Power	Unit Alarm	Door 1	Door 2	Door 3
30/04/2008 17:27:42	DAS 6092752	0.21 km West of TestPOI, IRL	0	5	-2.0	-1.8						-25.7	6.6	25.8			23.6		Yes	C	C	C
30/04/2008 17:16:34	SIMULATOR 8034324	6.06 km South East of Boherboy, IRL	0	-1	-1.5	4.6													Yes	C	C	C
30/04/2008 10:20:53	SR2-HMI 8523177	Bothar Na Dtreabh, 0.20 km West of Lar na mBothar, IRL	0	-1	-1.1	4.9													Yes	C	C	C
05/05/2008 17:23:01	TRANSCAN 6091739	0.23 km West of TestPOI, IRL	0									37.0	39.2						Yes	C	O	

4 items found, displaying all items.
Export options: Excel | PDF | RTF

2. 24 Hr Reefer History Report

   Click the 24 Hr Reefer History Report to see the information logged for a particular reefer in the preceding 24-hour period. The data is displayed as follows:

24 Hour Reefer Fleet History Report

24 Hour Vehicle History Report

Preferences
Temperature Type: Celsius

Time Zone: Greenwich Mean Time

Speed Type: KPH

Date & Time	Vehicle Name	Position	Speed	SP1	SP2	SP3	S1	S2	S3	S4	S5	S6	Unit Power	Unit Alarm	Fuel Level	Zone 1 Door Open	Zone 2 Door Open	Zone 3 Door Open	Operating Mode for Zone 1	Operating Mode for Zone 2	Operating Mode for Zone 3
04/05/2008 17:27:49	TRANSCAN 6091739	0.23 km West of TestPOI, IRL	0				30.5	31.1						No		C	O				
04/05/2008 17:29:52	TRANSCAN 6091739	0.22 km West of TestPOI, IRL	0				31.1	31.8						No		C	O				
04/05/2008 17:31:55	TRANSCAN 6091739	0.22 km West of TestPOI, IRL	0				33.1	34.3						No		C	O				
04/05/2008 17:33:58	TRANSCAN 6091739	0.23 km West of TestPOI, IRL	0				33.8	35.1						No		C	O				
04/05/2008 17:36:01	TRANSCAN 6091739	0.23 km West of TestPOI, IRL	0				32.1	33.1						No		C	O				
04/05/2008 17:38:04	TRANSCAN 6091739	0.22 km West of TestPOI, IRL	0				30.7	31.5						No		C	O				

703 items found, displaying 1 to 50.

[« First / Prev] **1**, 2, 3, 4, 5, 6, 7, 8 [Next / Last »]

Export options: Excel | PDF | RTF

3. **Exporting Data to File**

   to export the data for saving or easier viewing, click the preferred file option (Excel, PDF or RTF) link at the bottom of the report, and save the file to the desired location.

Menu Bar

The Menu Bar is displayed on every page of the TracKing application. It allows the user to navigate quickly around the system. By default, the application opens on the Track Vehicles page.

In the graphic below, click the menu item on which you require more information. This will take you directly to the help content available for that section.

Alternatively, see the list below for a brief description of the sections, and click on a heading for more detail on a specific section.

Track Vehicles

This page displays a list of the vehicles being tracked with the most recently received data displayed for each one.

Maps

This page displays vehicle locations, Points of Interest and other system items as icons on an integrated map.

Data Management

This section enables the user to generate reports on a wide range of the data collected by the system.

Administration

The administration page provides access to the tools available for setting up and maintaining the system.

Preferences

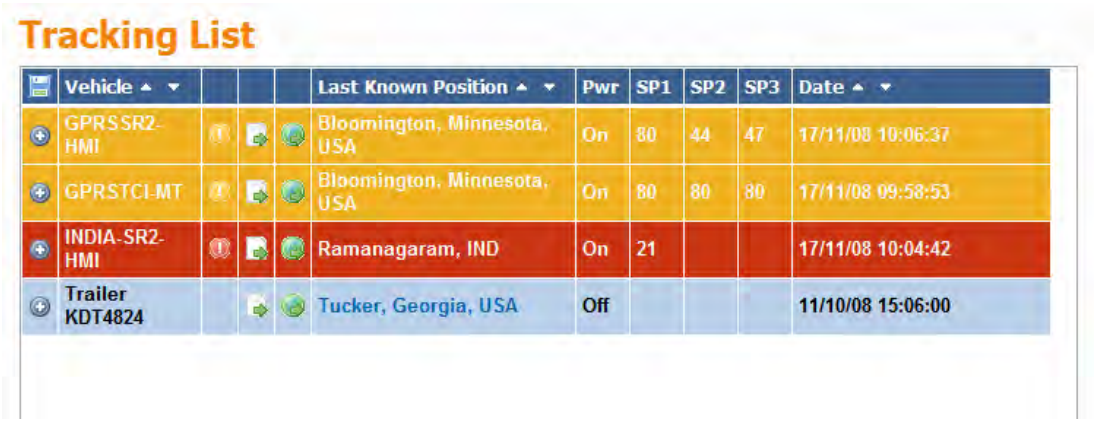
This page gives the user the option of setting system preferences.

Alarms

The alarms page displays recent alarms and allows the user to acknowledge them.

Track Vehicles

The Track Vehicles page displays a list of customer vehicles which have been selected in the Vehicle Selection tree.



There are three main sections to the Track Vehicles page. Click on a heading below for a more detailed description of any section.

Tracking List

This list forms the main body of the window. It lists the vehicles currently being tracked by the TracKing system which are selected in the Vehicle Selection Tree. The list sequence can be reordered using the column sorting buttons, and additional information can be displayed by clicking the expand button next to the vehicle of interest. Refer to the Tracking List page for a more detailed explanation of what data can be displayed.

Vehicle Selection Tree

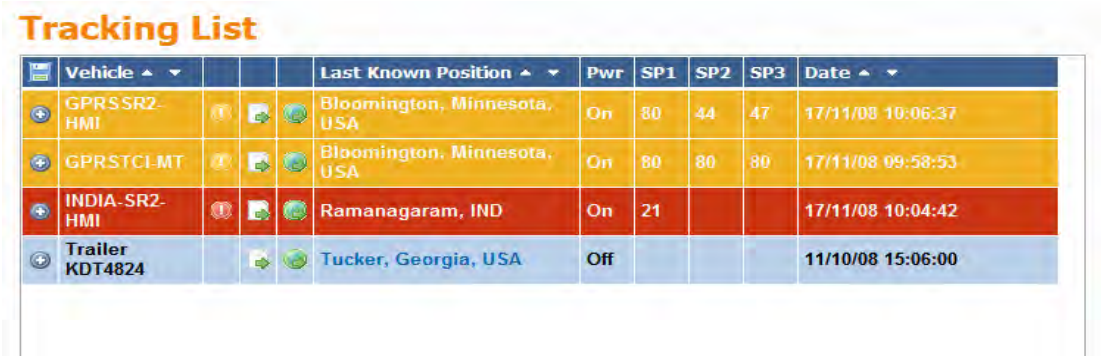
Click on the  icon to use this slide-out menu to choose which vehicles to include in the Tracking List.

Messages Window

This window at the bottom of the screen displays messages whenever a request for data is sent to a vehicle.

Tracking List

The Tracking List shows those vehicles which have been selected for display in the Vehicle Selection Menu.



The list contains three main columns:

Vehicle: This displays the name of the vehicle as defined in the system administration.

Last Known Position: This states the last confirmed location of the vehicle.

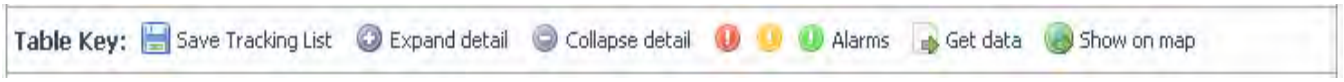
Date: This displays the date and time at which the last valid data was received from the vehicle.

Sorting Columns

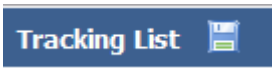
Use the ordering arrows  to sort the list in ascending or descending order by Vehicle name, Last Known Position or by Date.

Table Key

This describes the function of each icon on the Track Vehicle section



Save Tracking List

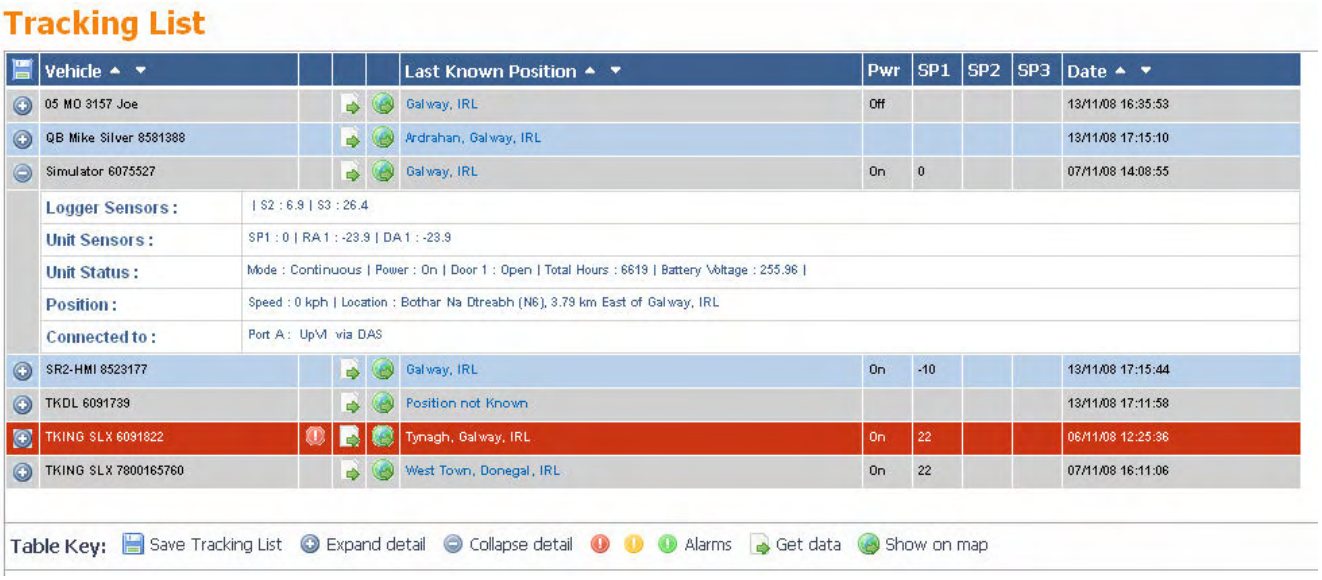
Click on computer disc icon 

to save the list of selected vehicles. The selected **vehicles are then defined as the default selected vehicles for the current user. These will be automatically** selected the next time the user logs into the system.

This feature is useful if a user has a defined set of vehicles to monitor.

Expand Details

To see additional details for each vehicle, click on the  sign beside the vehicle's name:



Vehicle Details

The additional data displayed for each vehicle depends on what sensors are supported (refer to the Connectivity Matrix). The table below outlines what data may appear in each of the sections.

Logger Sensors	This refers to the Data logger (DAS, HMI or TKDL) temperatures sensors. Only those active sensors connected to the Data logger are displayed on this line.
Unit Sensors	This lists the sensors currently configured on the unit, and their last reading.
Unit Status	This section displays the data available on other parts of the unit, such as engine, fuel, battery and doors.
Position	If GPS data is available for the vehicle, its position and speed are displayed here.
Connected to	This section indicates which data logger and controller are connected to the TracKing box (port A and B)

Colour Coding – The colour of the position information gives us additional information on the status of the trailer.

Green – Trailer/Vehicle moving greater than 2mph.
Red – Trailer/vehicle not moving and Controller Power (reefer) off.
Orange: - Trailer/Vehicle not moving and Controller Power (reefer) on.
Blue:- Unit has not communicated over GPRS for more than 20mins

Messages Window

This window at the bottom of the tracking list displays messages whenever a request for data is sent to a vehicle.

If the vehicle is contactable, it will display a sequence of messages which show the connection being set up. It does not display the actual data being downloaded.

All messages generated for the customer fleet are displayed in this window, regardless of whether they are initiated by the person logged into the current terminal, or by another system user elsewhere.

The screenshot below shows a message being displayed when the user clicks the 'Get Data' icon for a vehicle in the tracking list.

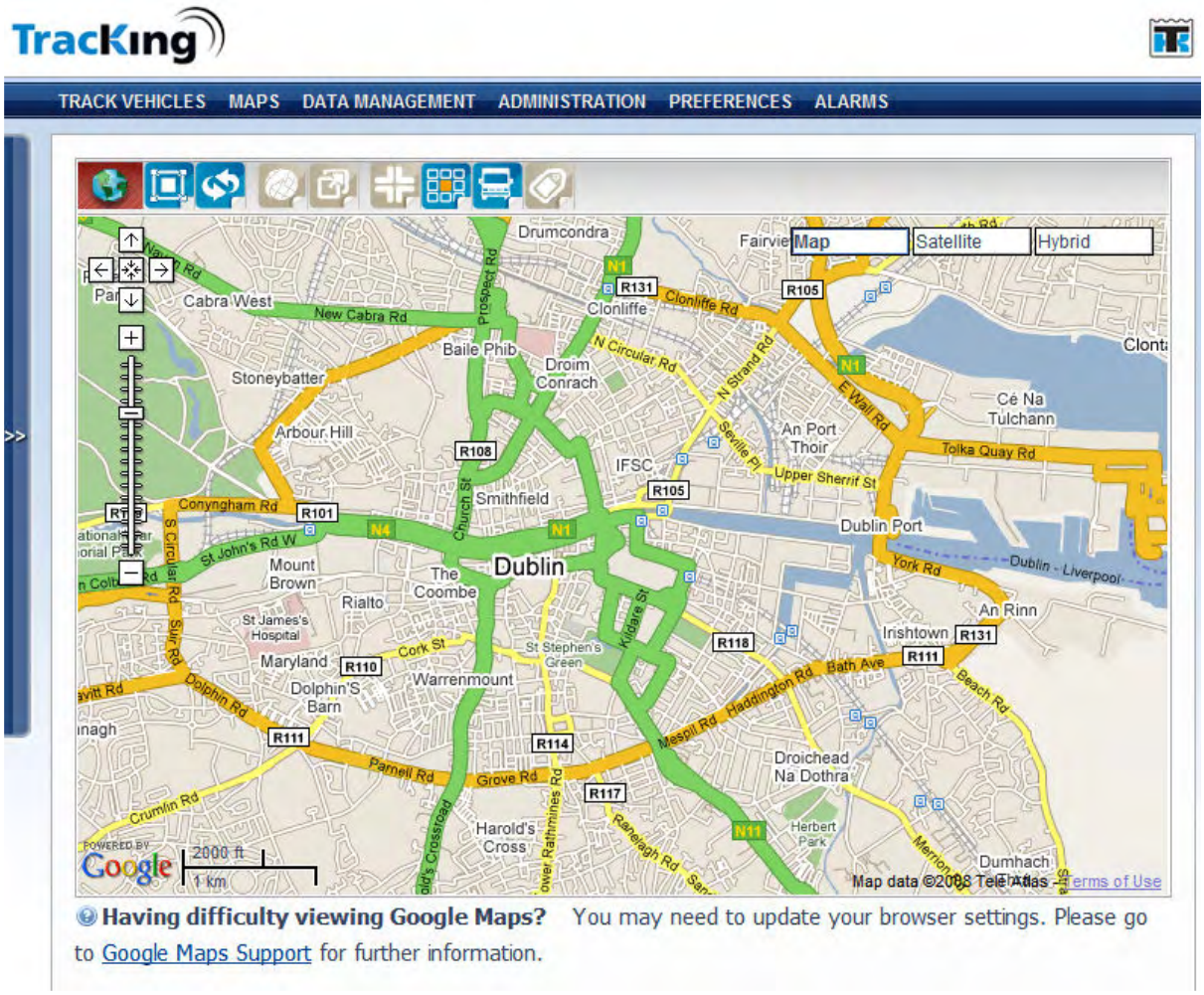
Clear Messages

Use the Clear Messages button to clear all the messages displayed in this window.

Maps

The Maps page in TracKing displays an integrated map. The user can choose to view vehicle locations, Points of Interest and any other mapping features which are enabled.

The screenshot below shows an example of a map display.



The key items on the map page are detailed below. Click on a heading for more information on that item.

Map Toolbar

This sequence of icons, located above the map, enable the user to manipulate the display and access map-related features.

Vehicle Selection Tree

This slide out menu allows the user to select which vehicles will be viewed on the map.

Map Type

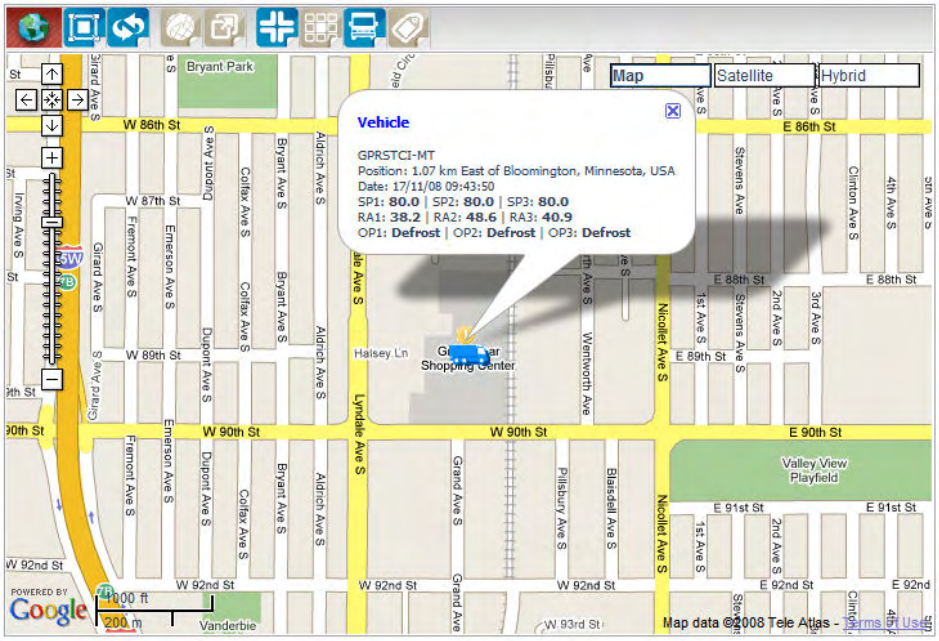
The Google maps Satellite/Hybrid buttons allow the user to switch from a standard road map to maps displaying physical features.

Pan/Zoom

This standard control allows the user to zoom in/out and pan left/right/up/down for the optimal viewing arrangement.

Hint

To find out more about any icon on a map, hover the mouse arrow over it to display an information balloon.



Map Toolbar

The map toolbar contains a number of icons which give the user quick access to mapping features. It appears above the map:

- When a feature is active, the icon is blue, and when a feature is inactive, the icon is grey.
- Click on the icon to toggle between active/inactive.

The functions of the icons which appear in the toolbar are explained below.

Icons

Click on any icon/heading with a link for additional information on how it functions.

 - **Full Screen Mode**: Click this icon to view a full screen version of the map.

 - **Refresh**: Click this icon to refresh the display.

 - **Zoom Box Mode**: When in this mode, click on the map and drag the mouse to create a rectangle. The map will then zoom to the area inside the rectangle.

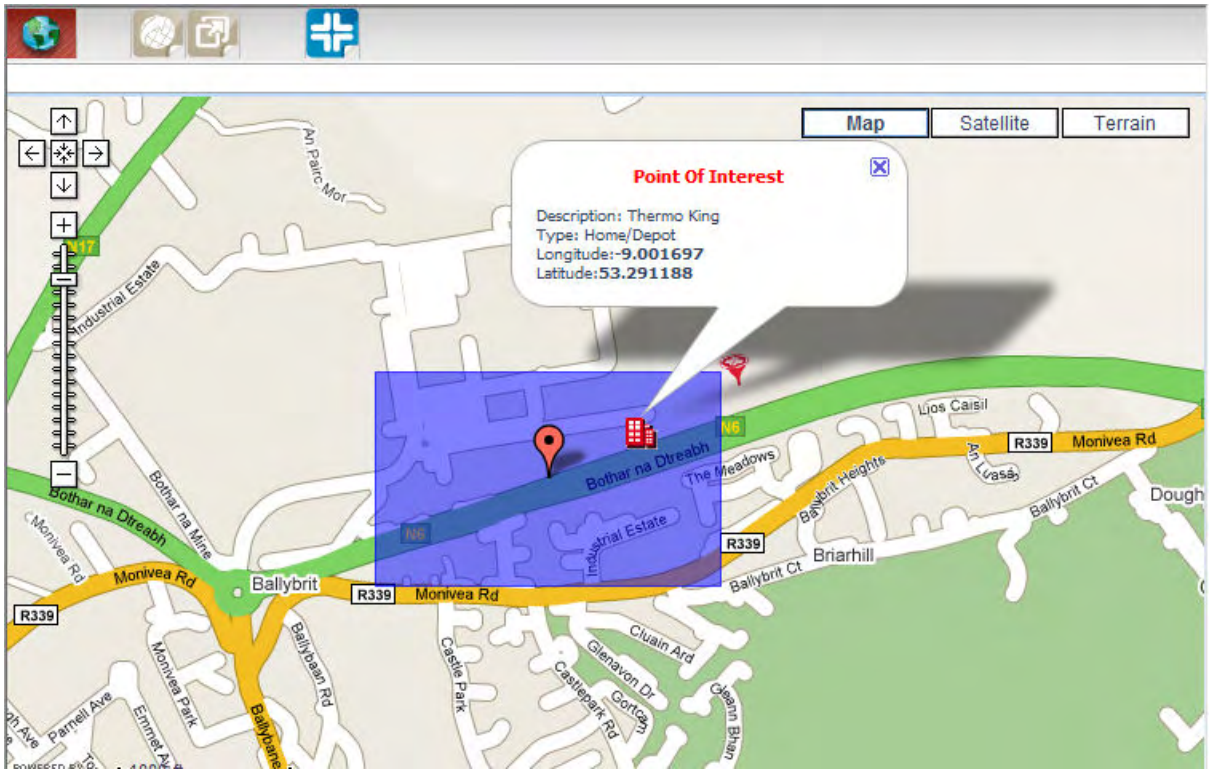
 - **Show Points of Interest**: Click this icon to display any Points of Interest icons within the bounds of the currently displayed map. Click here to find out how to add Points of Interest.

 - **Show Vehicles**: Click this icon to show any Vehicle icons within the bounds of the currently displayed map.

 - **Show Labels**: Click to display the labels of any vehicle on the map.

Geo Fence

 - **Create Geo Fences**: Click to create a Geo Fence.



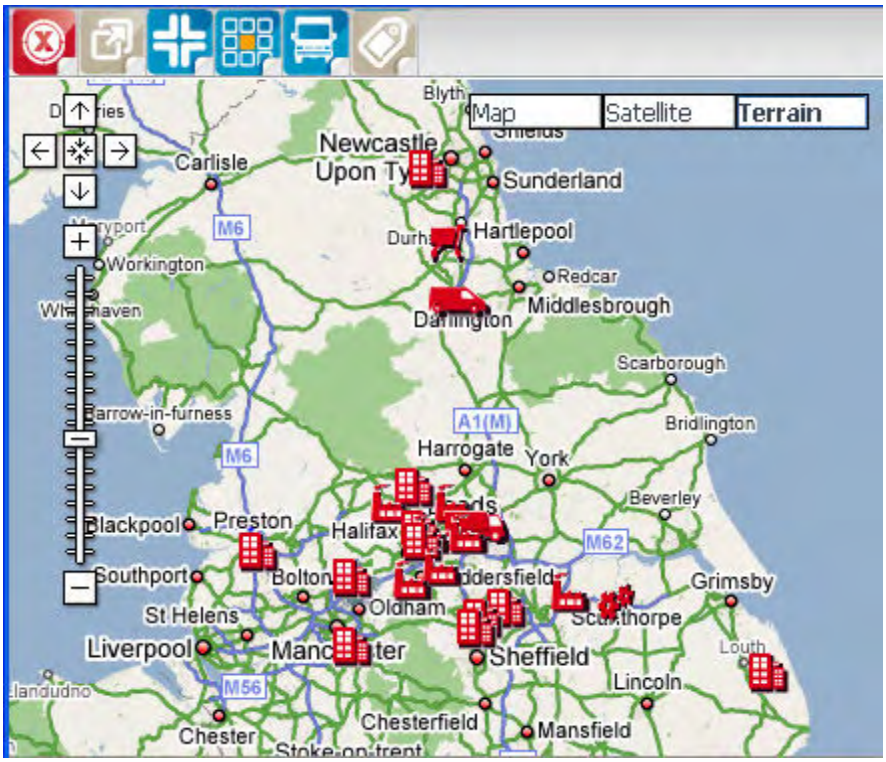
- **Show Geo Fences**: Click this icon to display any Geo Fence outline within the bounds of the currently displayed map.

Full-Screen Mode

In full-screen mode, a new browser window is opened with the map expanded to occupy the entire window.

- The map toolbar is still available.
- The original browser window running TracKing remains open in the background, and can be used in parallel.

To exit full-screen mode, click the Close Map icon  in the map toolbar.



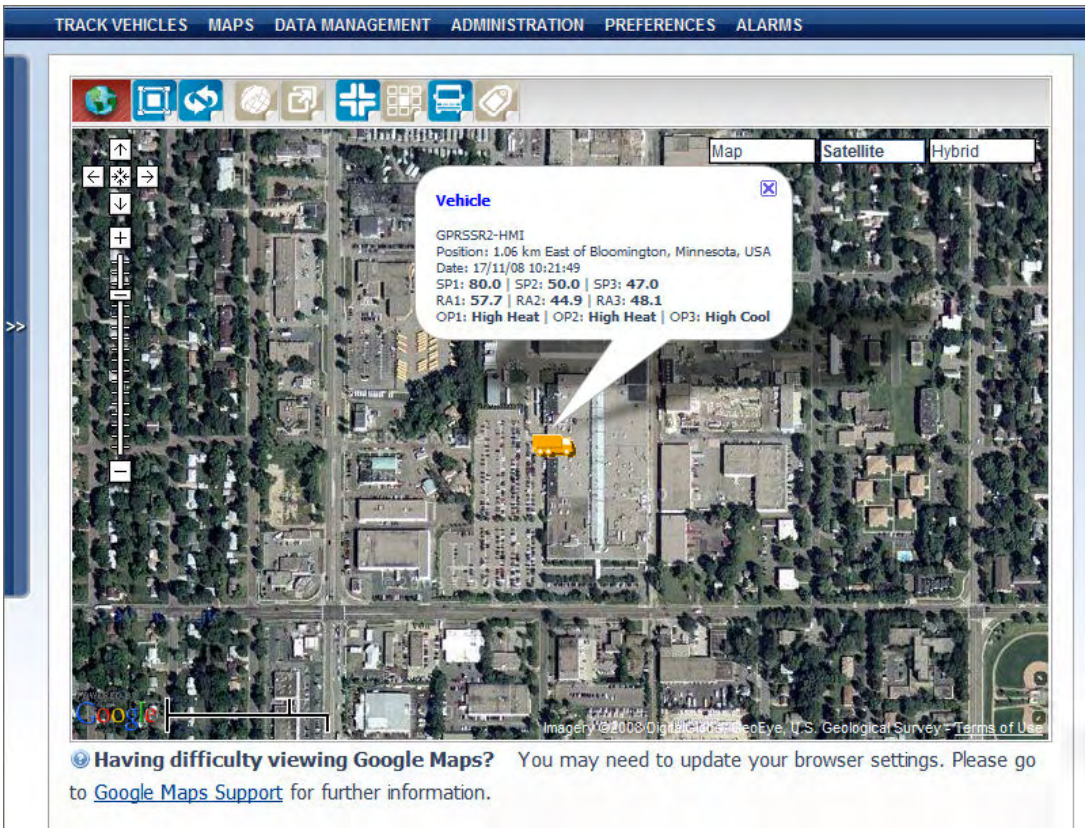
Satellite/Hybrid Maps

The integrated Google maps allow the user to switch to two different map types, in addition to the standard map.

1. **Satellite Map**

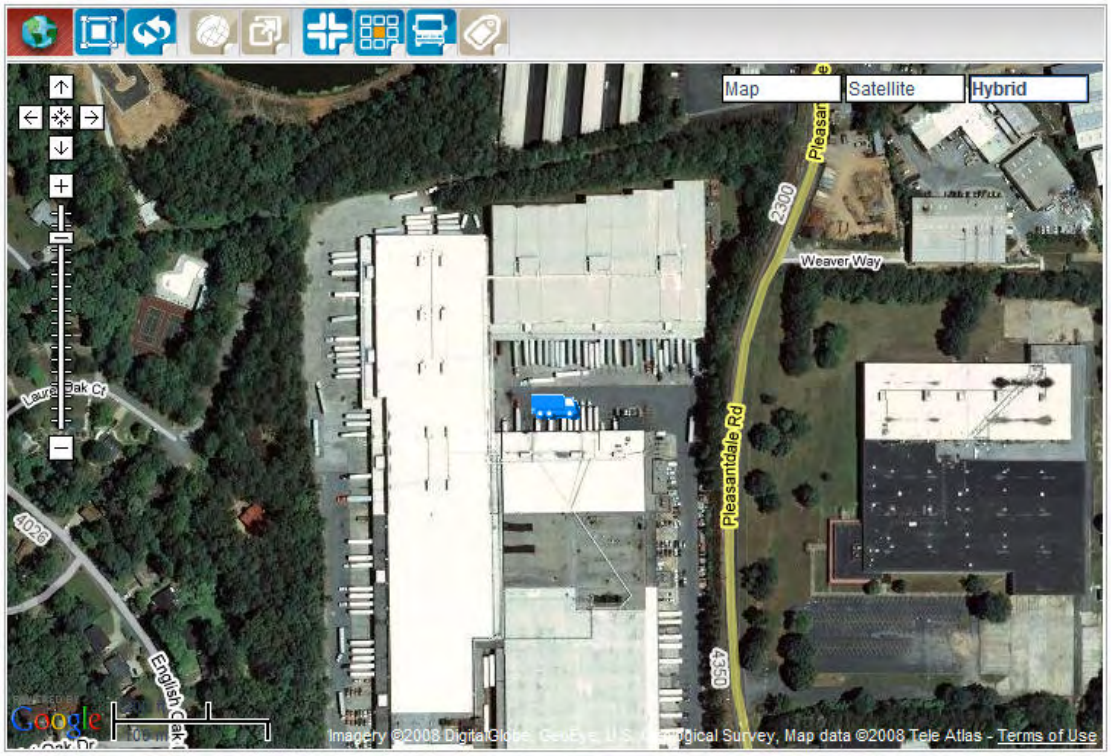
   this can show detailed physical features if zoomed in sufficiently.

   Note: These images are stored satellite images and should not be considered as a real-time representation of the area being viewed.



2. **Hybrid Map**

The hybrid map displays the same physical features as the satellite map, but overlays mapping data on it so that additional information, such as road names, is visible. The feature is enabled by moving the cursor over the Satellite link and ticking the Hybrid option which drops down.



Pan/Zoom

The integrated Google Maps allow the user excellent control over the map view.

Pan

To use the panning feature to move the map view left/right/up/down by clicking on the appropriate arrow.

Return to Last Result

This button, at the centre of the panning controls, causes the map to revert to the view shown when you first opened the map page, regardless of any zoom or panning actions you've taken in the meantime.

Zoom

The integrated Google Maps allow the user to zoom in to a very detailed level, and also to zoom out to a very high level view.

The zoom can be adjusted by:

- Clicking the +/- buttons for a controlled zoom in/out.
- Clicking and holding the slider and moving it up/down for a more rapid zoom in/out.

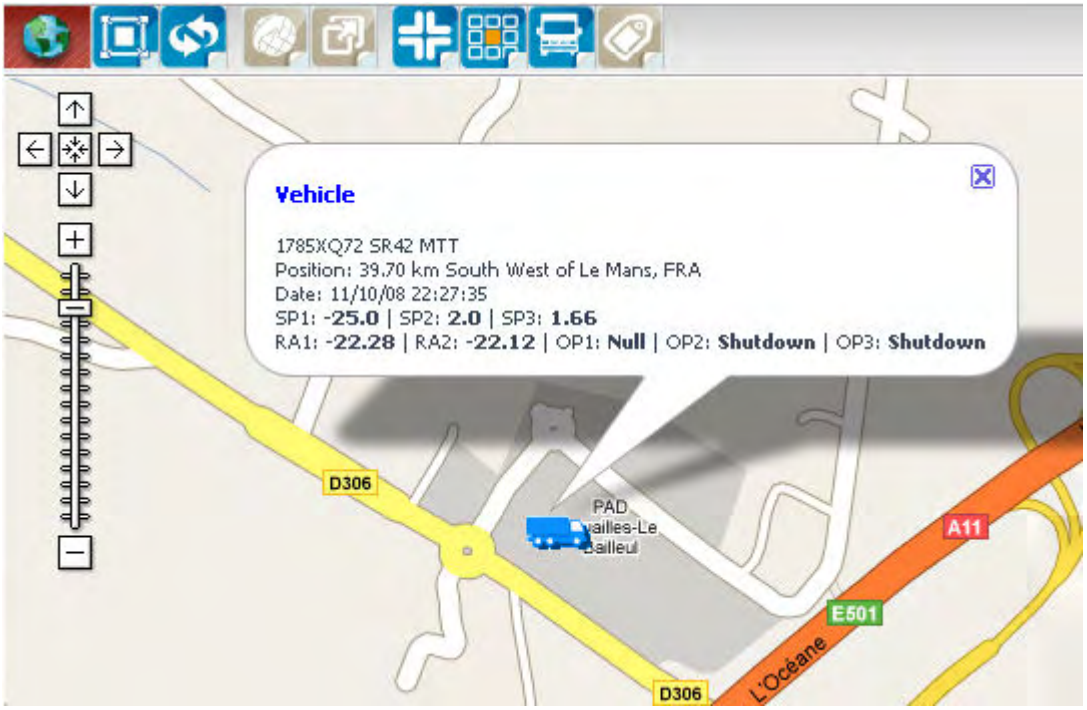
HINT: Using the roller-wheel on a mouse will allow you to quickly scroll in/out.

Vehicles

When the map page is open, the vehicles which are selected in the Vehicle Selection tree can be displayed on the map in their last reported location.

To toggle the vehicle display on/off, click the vehicle icon  in the map toolbar.

Vehicles can have different icons and colors depending on their vehicle details configuration. The color of the vehicle represents the ignition status as per the tracking list. Clicking on a vehicle icon will display its details in an information balloon, as shown below.



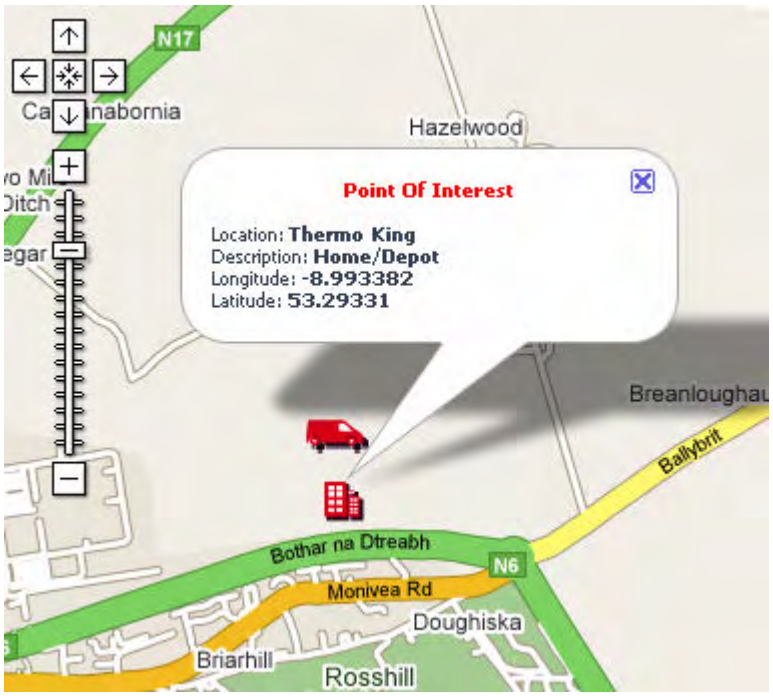
Points of Interest

The Points of Interest configured on the system can be displayed on the map page by clicking the Show POI icon  in the map toolbar.

Users can create points of interest to easily identify locations of importance. These can be relevant locations such as delivery sites or depots.

Please note all Thermo King Dealers are stored as system POI's. These POI's can also be turned on and off using this icon.

The screenshot below shows a Point of Interest icon which has been clicked to show its details.

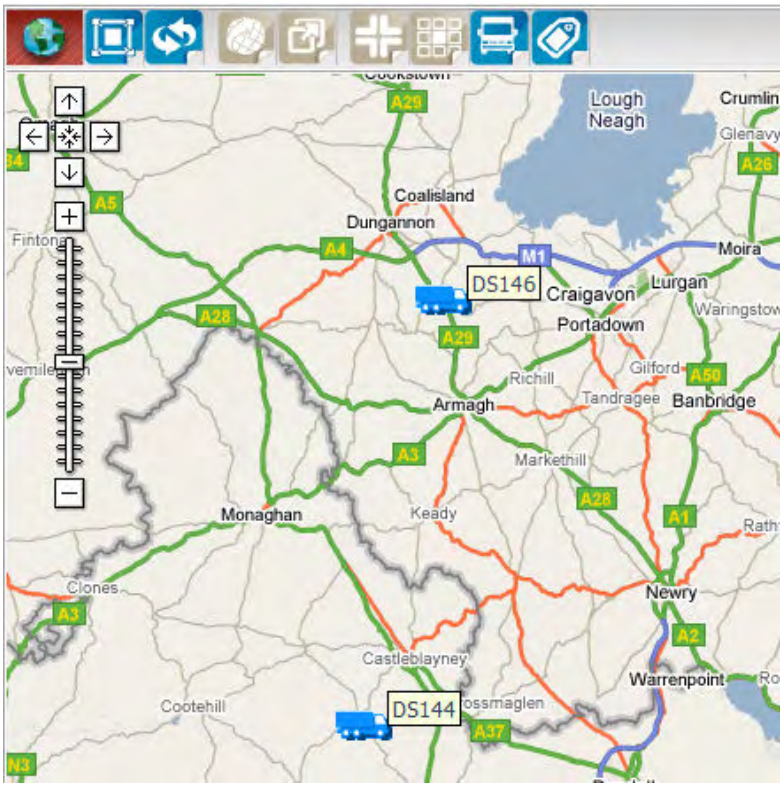


Labels

To toggle label display on/off, click the label icon  in the map toolbar.

Labels show the name of a vehicle next to the vehicle icon so that it is more quickly identified than clicking on it to open an information balloon.

The screenshot below shows vehicles with their associated labels displayed.



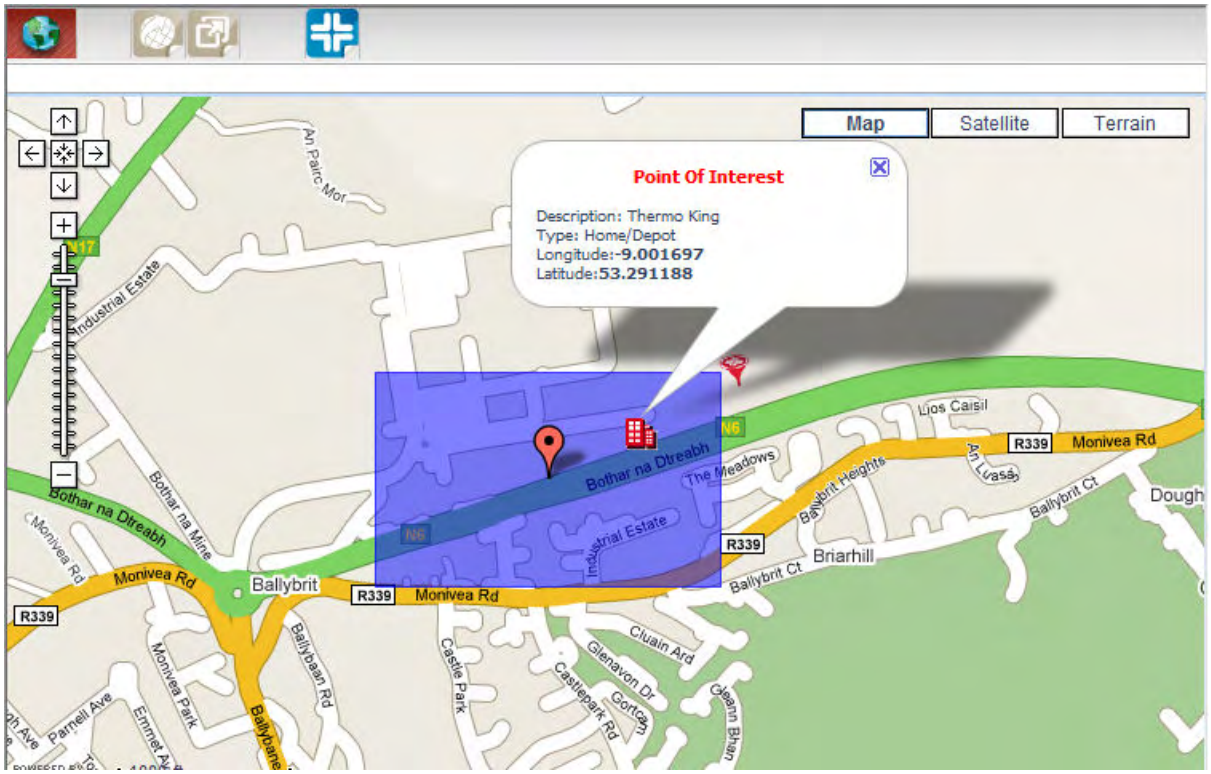
Geo Fences

The Geo Fence feature allows the customer to mark areas of importance through which their vehicles are expected to transit and receive notification when they enter/exit that area. For example, setting a Geo Fence around a delivery point could enable the customer to identify if a delivery is taking too long to be unloaded by the recipient.

The Geo Fences which are configured on the system can be displayed on the map page.

To display the Geo Fenced areas, click the Show Geo Fences icon in the map toolbar.

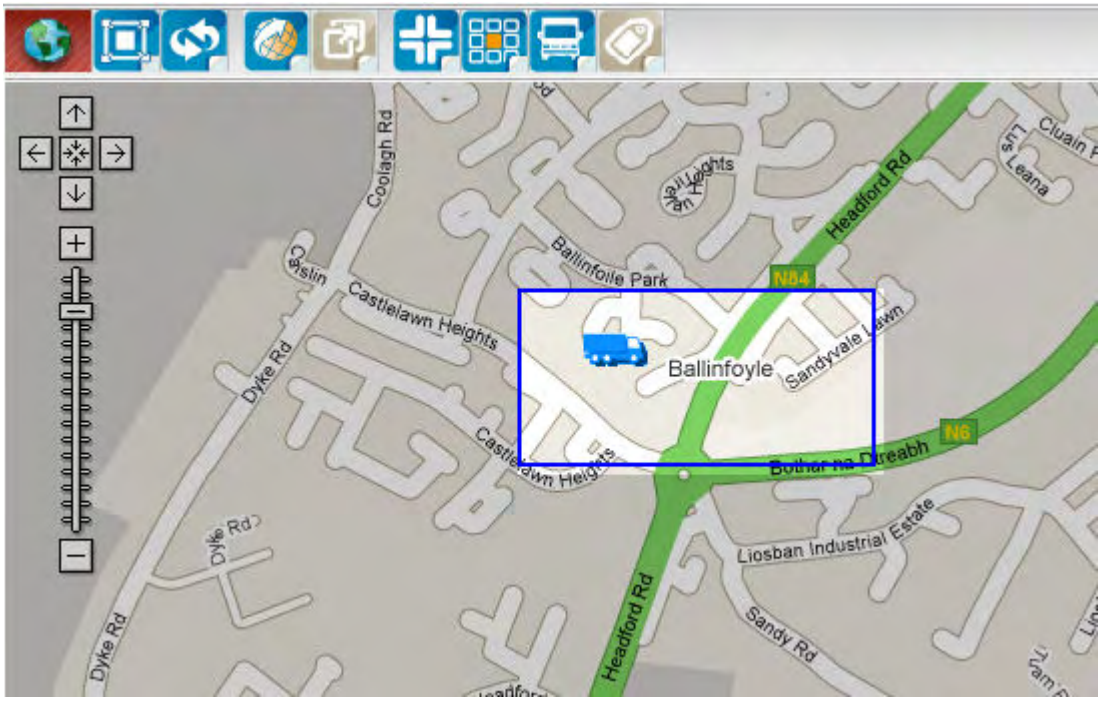
The screenshot below shows an example Geo Fence (blue shaded area) set around a depot.



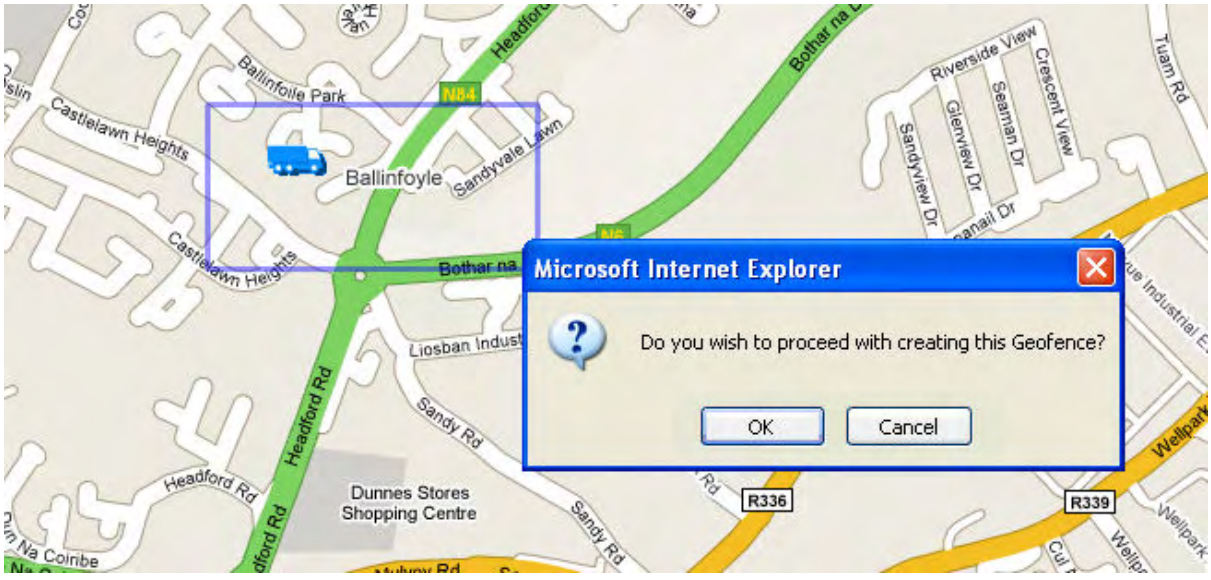
Create a Geo Fence

To create a Geo Fence:

1. Click on the Create Geo Fence icon  in the map toolbar. The map will appear shaded.
2. Click on the map and drag a rectangle around the area to be fenced, as shown in the screenshot below.



3. Release the mouse to finish the rectangle.
4. A message box is displayed for the user to confirm that the Geo Fence is correctly placed. Click OK to proceed.

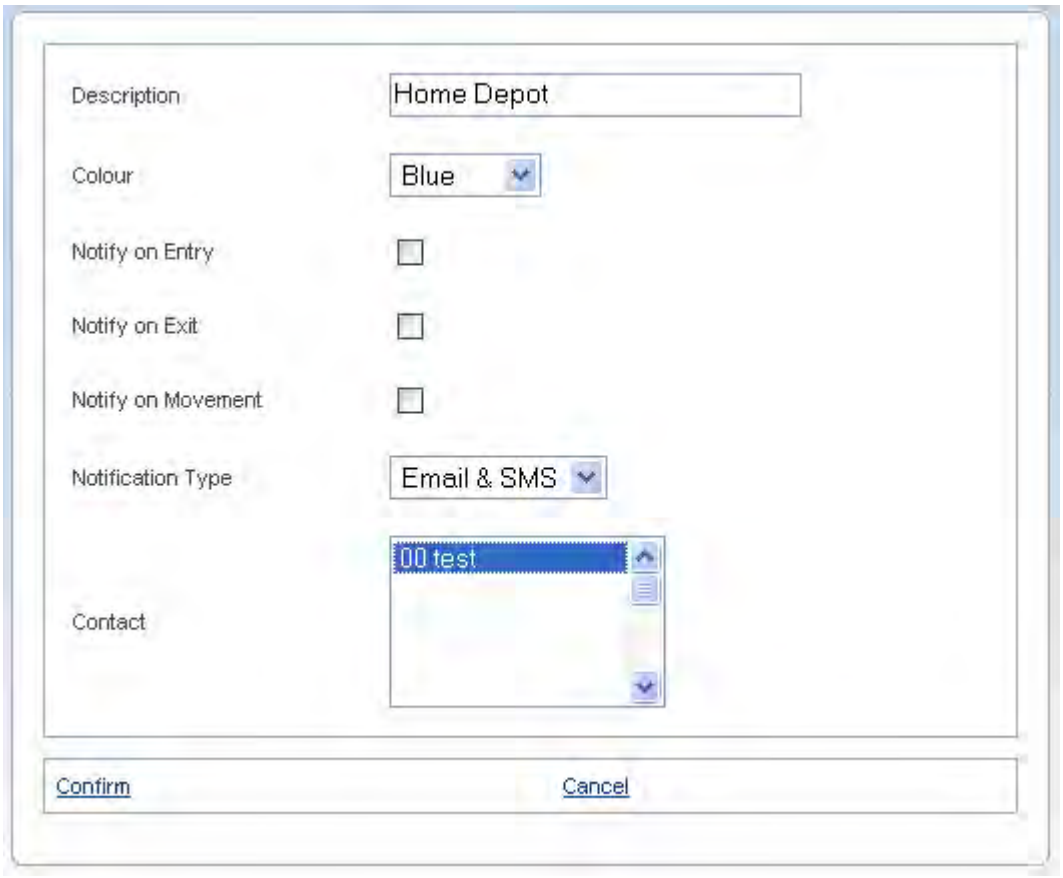


5. When the Geo Fence has been confirmed, a form is displayed to allow the user to enter the details related to the Geo Fence.

   - Geo Fence name/description.
   - The color should be displayed as on the map.
   - What vehicle movements in relation to the Geo Fence should cause a notification action?

     For example, tick the 'Notify on Entry' for a notification each time a vehicle on the system enters the area defined by the Geo Fence.
   - The notification type can be SMS, email, both or no notification.
   - To select the contacts to be notified of the alarms select the contacts from the list of contacts displayed and hold the control button on your keyboard.

   HINT: To delete a contact from Geo Fence notification: deselect them and hold down the control button on your keyboard.



   TIP: Ensure the vehicle you need to place a Geo Fence around is selected before confirming the Geo Fence. You can select multiple vehicles for a single Geo Fence

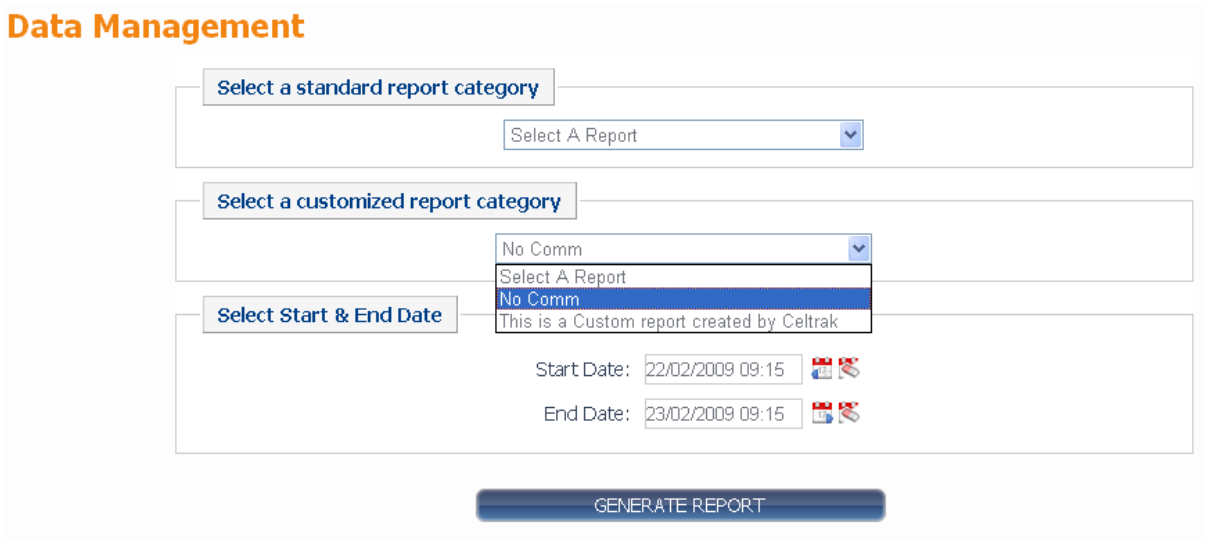
6. Click 'Confirm' to save the Geo Fence details and return to the map page.

   Note: The Geo Fence alarm notification works in tandem with the logging interval of the unit.

Data Management

This page enables the user to generate standard or customized reports from the data gathered by the Tracking system.

The page has two sections to for the user to complete: selecting a standard or customized report category and selecting the time period.



Select a Vehicle

Before a report is selected it is necessary to select a vehicle or multiple vehicles that the report is to be applied. Select a vehicle using the Vehicle Selection tree. Please refer to the section on the Selection tree at the beginning of this manual.

Select a standard report category

Select a category from the drop down menu. There are a large number of category options are enabled on your system. For a full list of categories, and links to descriptions of each, refer to the Report Categories page. The standardized reports contain both Tractor and Trailer reports. Please refer to the "Displaying and Reporting Tractor Data" section for information on the Tractor reports.

Customized Report Categories

Reports created by the user are available in the Customized report dropdown. The user must still select the vehicles/trailers before running the report.

How to create a customized report will be explained in the administration section.

Select Start & End Date

Depending on the report category selected, the user may be required to enter a start date or a start and end date. In a few cases where no date entries are required, this section is blank.

Generate Report

When the required category has been selected and the date requirements filled in, click the Generate Report button to produce a report.

Reports are displayed on the same page, and can then be exported to file if required.

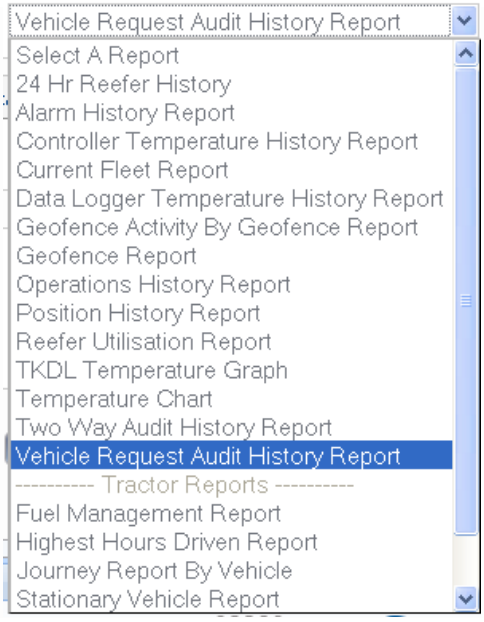
Standard Report Categories

The following report categories can be chosen from the drop-down menu on the Data Management page. Some report categories have additional options which the user can select before generating a report.

- 24 Hour Reefer History Report
- Alarm History Report
- Controller Temperature History Report
- Current Fleet Report
- Data Logger Temperature History
- Geo-Fence Report
- Geo-Fence activity by Geo-Fence Report
- Operations History Report
- Position History Report
- Reefer Utilisation Report
- TKDL Temperature Graph
- Temperature Chart
- Two-Way Audit History Report
- Vehicle Request Audit History Report

The report selection is divided into 2 sections, the first is mainly for Reefers and the second is exclusively for Tractor/Truck. Note the following reports are valid for both Tractor and Trailer,

Current Fleet Report
Geo-fence Activity by Geo-fence Report
Geo-fence Report
Position History Report



Please also note that the Tractor Reports are not available in certain Markets including the USA.

24 Hour Reefer History Report

Generate a report for the previous 24 hours for all units on the stored tracking list

24 Hr Reefer History

24 Hour Vehicle History Report

Preferences

Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

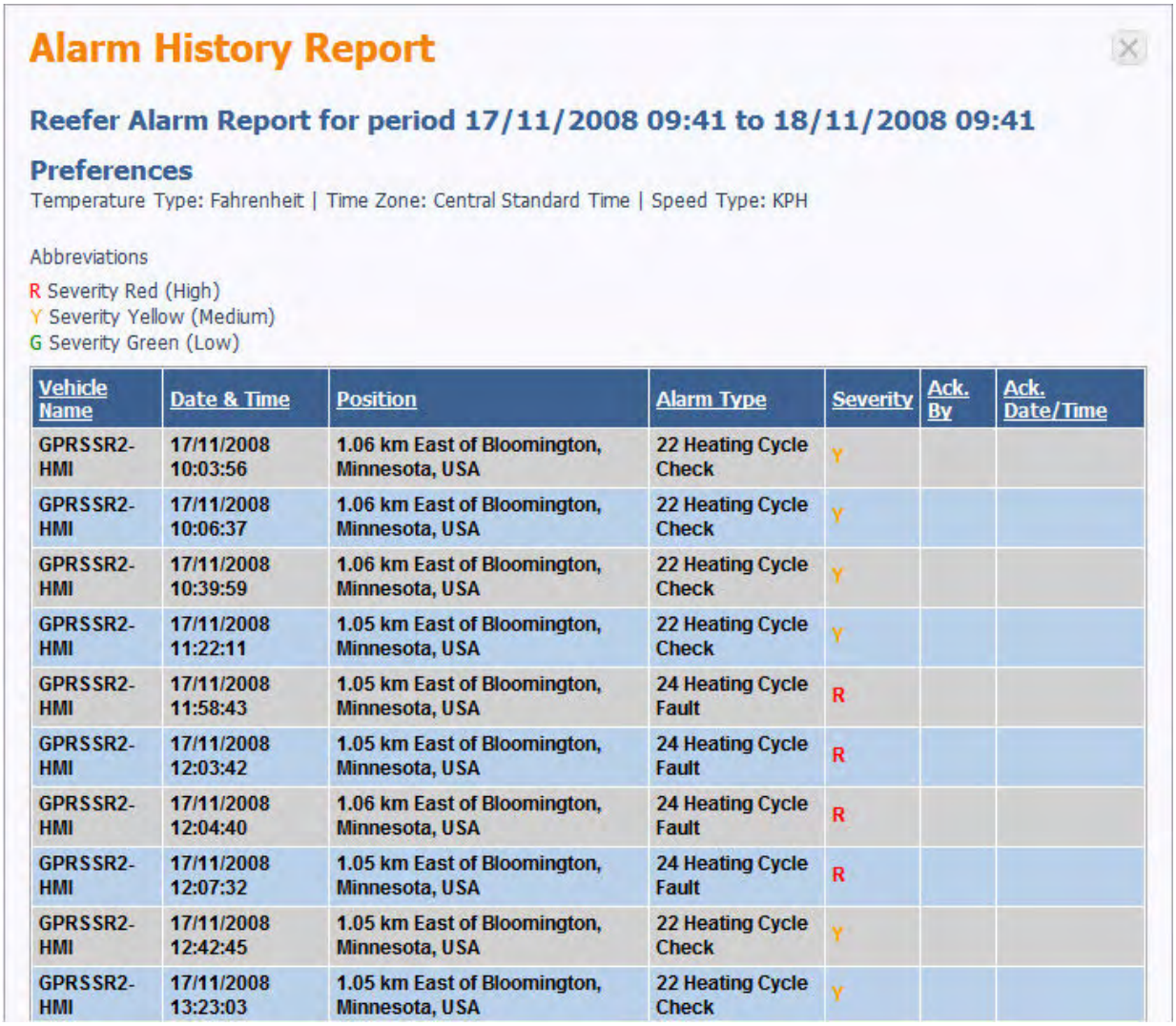
Date & Time	Vehicle Name	Position	Speed	SP1	SP2	SP3	Unit Mode	S1	S2	S3	S4
17/11/2008 09:36:20	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	44	47	CS	8.4	15.7	27.2	85.8
17/11/2008 09:51:28	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	44	47	CS	8.4	15.7	27.2	85.8
17/11/2008 09:56:43	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	44	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:03:56	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	44	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:06:37	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	44	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:15:12	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.9
17/11/2008 10:15:26	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.9
17/11/2008 10:18:23	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:19:18	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:21:49	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:36:56	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:39:59	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.9
17/11/2008 10:47:27	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:48:46	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 10:51:59	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.7
17/11/2008 10:54:39	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 11:03:58	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.9
17/11/2008 11:07:01	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.8
17/11/2008 11:09:45	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	80	50	47	CS	8.4	15.7	27.2	85.7

Second part of Report is shown below

Unit Mode	Unit Alarm	Fuel Level	Zone 1 Door	Zone 2 Door	Zone 3 Door	Operating Mode for Zone 1	Operating Mode for Zone 2	Operating
	No		C	C	C	High Heat	High Cool	High Cool
	No		C	C	C	High Heat	High Cool	High Cool
	No		C	C	C	High Heat	High Cool	High Cool
	Yes		C	C	C		High Cool	High Cool
	Yes		C	C	C		High Cool	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	Yes		C	C	C	High Heat		High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool
	No		C	C	C	High Heat	High Heat	High Cool

Alarm History Report

Generate a report of all alarms from selected vehicles that have occurred for a selected period. This report shows if alarms have been acknowledged on the web site and by whom and when.



Alarm History Report

Reefer Alarm Report for period 17/11/2008 09:41 to 18/11/2008 09:41

Preferences

Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

Abbreviations

R Severity Red (High)
Y Severity Yellow (Medium)
G Severity Green (Low)

Vehicle Name	Date & Time	Position	Alarm Type	Severity	Ack. By	Ack. Date/Time
GPRSSR2-HMI	17/11/2008 10:03:56	1.06 km East of Bloomington, Minnesota, USA	22 Heating Cycle Check	Y		
GPRSSR2-HMI	17/11/2008 10:06:37	1.06 km East of Bloomington, Minnesota, USA	22 Heating Cycle Check	Y		
GPRSSR2-HMI	17/11/2008 10:39:59	1.06 km East of Bloomington, Minnesota, USA	22 Heating Cycle Check	Y		
GPRSSR2-HMI	17/11/2008 11:22:11	1.05 km East of Bloomington, Minnesota, USA	22 Heating Cycle Check	Y		
GPRSSR2-HMI	17/11/2008 11:58:43	1.05 km East of Bloomington, Minnesota, USA	24 Heating Cycle Fault	R		
GPRSSR2-HMI	17/11/2008 12:03:42	1.05 km East of Bloomington, Minnesota, USA	24 Heating Cycle Fault	R		
GPRSSR2-HMI	17/11/2008 12:04:40	1.06 km East of Bloomington, Minnesota, USA	24 Heating Cycle Fault	R		
GPRSSR2-HMI	17/11/2008 12:07:32	1.05 km East of Bloomington, Minnesota, USA	24 Heating Cycle Fault	R		
GPRSSR2-HMI	17/11/2008 12:42:45	1.05 km East of Bloomington, Minnesota, USA	22 Heating Cycle Check	Y		
GPRSSR2-HMI	17/11/2008 13:23:03	1.05 km East of Bloomington, Minnesota, USA	22 Heating Cycle Check	Y		

Controller History Report

This report shows Thermo King Controller data for the selected vehicles and the selected period. Note that Cargo Watch and DAS sensor data is not shown on this report.

Controller Temperature History Report

Controller Temperature History Report for period 17/11/2008 09:41 to 18/11/2008 09:41

Preferences

Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

Date & Time	Vehicle Name	Position	Unit Mode	SP1	DA 1	RA 1	OP 1	SP2	DA 2	RA 2	OP 2	SP3	RA 3	OP 3	Unit Power
17/11/2008 09:51:28	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	CS	80	51.1	58.3	High Heat	44	41.3	44.9	High Cool	47	48.1	High Cool	
17/11/2008 09:56:43	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	CS	80	51.2	58.2	High Heat	44	41.3	44.9	High Cool	47	48.1	High Cool	
17/11/2008 10:03:56	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	CS	80	51.2	58.1		44	41.3	44.9	High Cool	47	48.1	High Cool	
17/11/2008 10:06:37	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	CS	80	51.2	58.1		44	41.3	44.9	High Cool	47	48.1	High Cool	
17/11/2008 10:15:12	GPRSSR2-HMI	1.06 km East of Bloomington, Minnesota, USA	CS	80	51.4	58.0	High Heat	50	41.3	44.9	High Heat	47	48.1	High Cool	
17/11/2008 10:15:26	GPRSSR2-HMI	1.06 km East of Bloomington,	CS	80	51.4	58.0	High Heat	50	41.3	44.9	High Heat	47	48.1	High Cool	

Current Fleet Report

This report shows the status of every vehicle on the saved Tracking list for the current time. The user does not have an option of selecting a time period for this report. This is available as a "one click" report from the Tracking screen.

Current Fleet Report

Current Fleet Report

Preferences

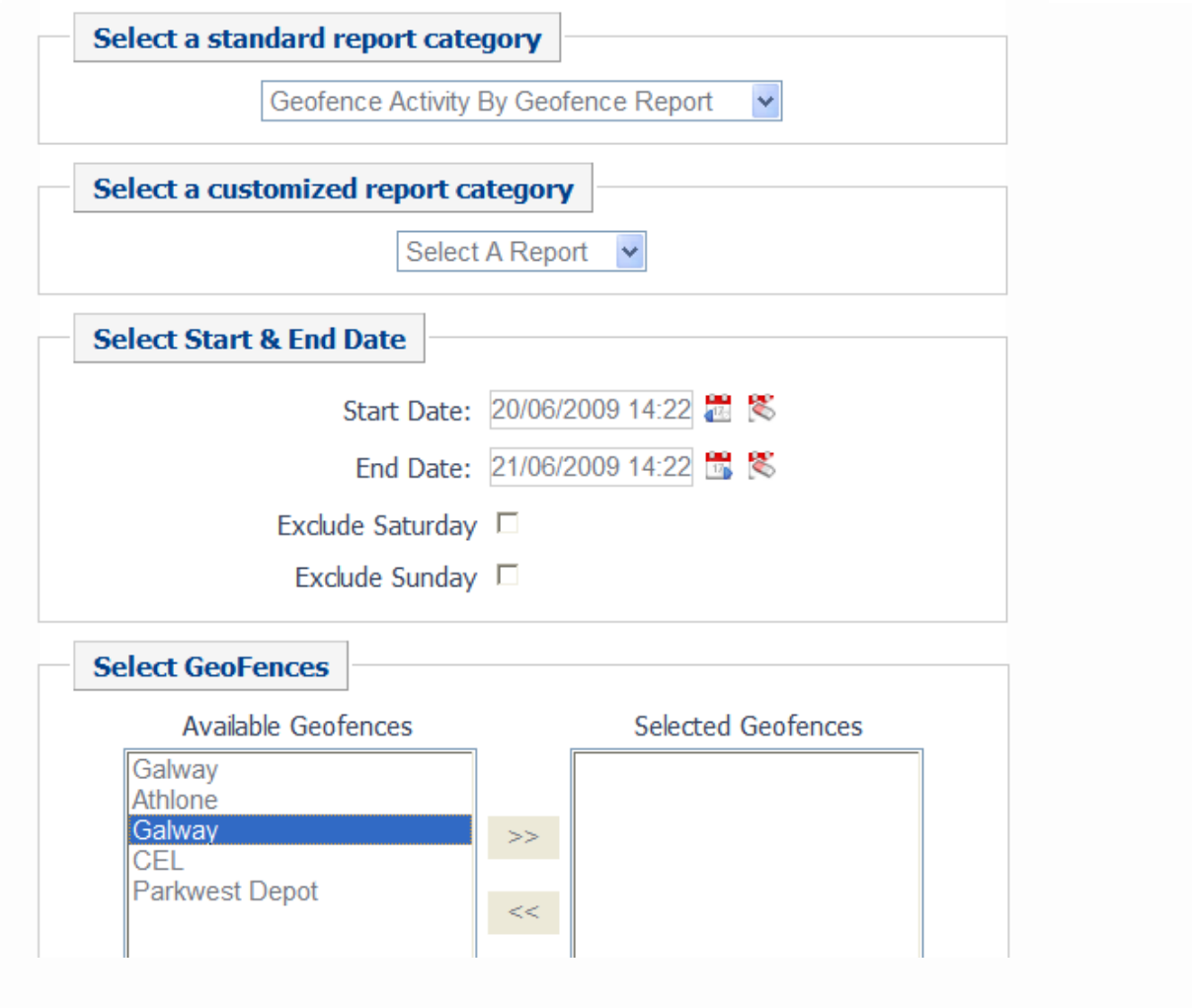
Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

Date & Time	Vehicle Name	Position	Speed	SP1	DA 1	RA 1	SP2	DA 2	RA 2	SP3	RA 3
18/11/2008 03:43:21	GPRSSR2-HMI	1.05 km East of Bloomington, Minnesota, USA	0	-30	50.3	54.1	50	41.3	44.9	47	47.9
18/11/2008 03:35:16	GPRSTCI-MT	1.08 km East of Bloomington, Minnesota, USA	0	80	35.3	38.2	80	35.1	48.5	80	40.9
29/11/1999 18:00:00	GPRSTG6	Position not Known	0	45	29.4	29.7					
13/11/2008 12:02:55	GPRSTT-MT	Position not Known	0	80	29.2	35.0	-30	30.1	35.5	50	42.6
18/11/2008 03:41:34	INDIA-SR2-HMI	14.31 km North East of Ramanagaram, IND	0	21	26.0	16.5					

5 items found, displaying all items.

S1	S2	S3	S4	S5	S6	Unit Power	Unit Alarm	Door 1	Door 2	Door 3
8.4	15.7	27.2	85.8				Yes	C	C	C
				89.5			Yes	O	C	O
	68.9	68.4					Yes	C	C	C
72.4	71.0	73.2	71.7	89.5			Yes	C	C	C
7.1	7.3	7.8	7.3	7.3	4.3		Yes	O	C	C

Geo fence Activity by Geo fence Report



This report allows the user to select specific Geo-Fences and vehicles to determine the activity on these Geo-Fences.

Data Logger Temperature History

This report shows Thermo King Data logger data for the selected vehicles and the selected period. Note that Cargo Watch, DAS, and TKDL sensor data is only shown on this report. This report also shows the power status of the controller.

Data Logger Temperature History Report

Data Logger Temperature History Report for period 17/11/2008 09:47 to 18/11/2008 09:47

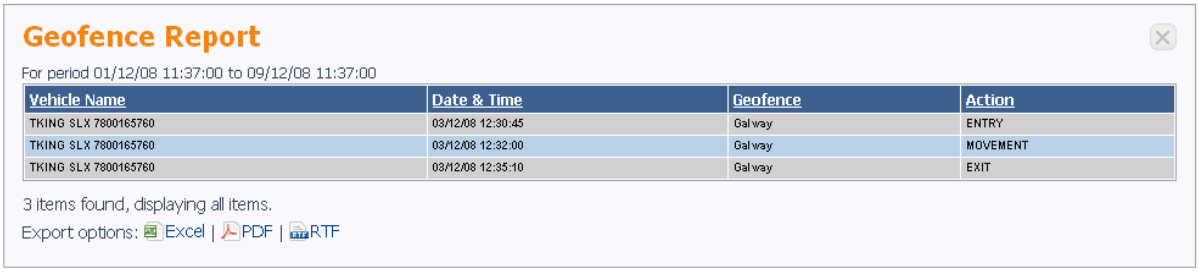
Preferences

Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

Vehicle Name	Date & Time	Position	SP1	SP2	SP3	S1	S2	S3	S4	S5	S6	Unit Power	Unit Alarm
GPRSSR2-HMI	17/11/08 09:51	1.05 km East of Bloomington, Minnesota, USA	80	44	47	8.4	15.7	27.2	85.8				No
GPRSSR2-HMI	17/11/08 09:56	1.05 km East of Bloomington, Minnesota, USA	80	44	47	8.4	15.7	27.2	85.8				No
GPRSSR2-HMI	17/11/08 10:03	1.06 km East of Bloomington, Minnesota, USA	80	44	47	8.4	15.7	27.2	85.8				Yes
GPRSSR2-HMI	17/11/08 10:06	1.06 km East of Bloomington, Minnesota, USA	80	44	47	8.4	15.7	27.2	85.8				Yes
GPRSSR2-HMI	17/11/08 10:15	1.06 km East of Bloomington, Minnesota, USA	80	50	47	8.4	15.7	27.2	85.9				No
GPRSSR2-HMI	17/11/08 10:15	1.06 km East of Bloomington, Minnesota, USA	80	50	47	8.4	15.7	27.2	85.9				No
GPRSSR2-HMI	17/11/08 10:18	1.05 km East of Bloomington, Minnesota, USA	80	50	47	8.4	15.7	27.2	85.8				No
GPRSSR2-HMI	17/11/08 10:19	1.06 km East of Bloomington, Minnesota, USA	80	50	47	8.4	15.7	27.2	85.8				No

Geo Fence Report

The Geo Fence report shows entry, exit and movement times for all Geo Fences associated with selected vehicles for the specified period of time.



Geofence Report

For period 01/12/08 11:37:00 to 09/12/08 11:37:00

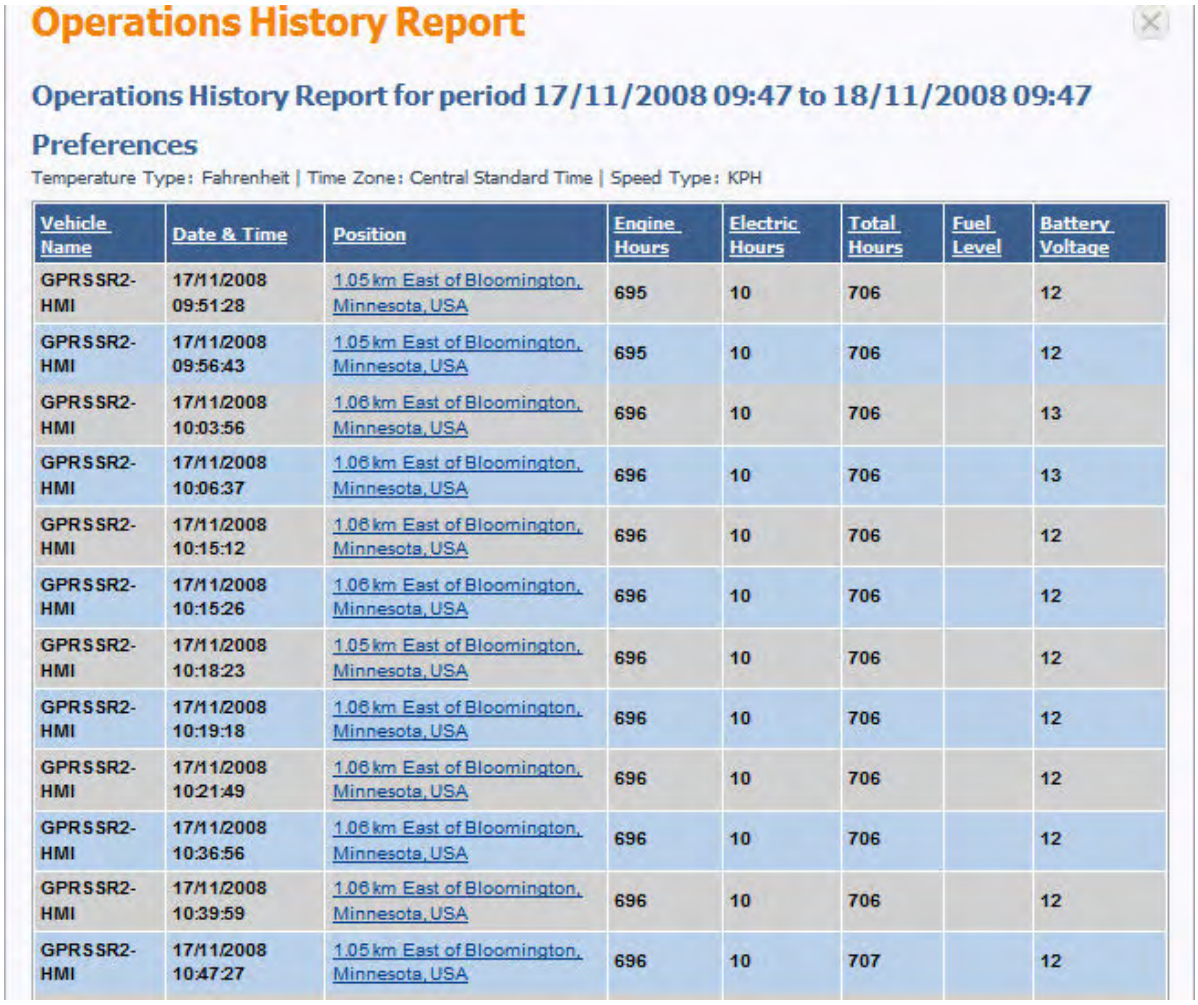
Vehicle Name	Date & Time	Geofence	Action
TKING SLX 7800165760	03/12/08 12:30:45	Galway	ENTRY
TKING SLX 7800165760	03/12/08 12:32:00	Galway	MOVEMENT
TKING SLX 7800165760	03/12/08 12:35:10	Galway	EXIT

3 items found, displaying all items.

Export options: Excel | PDF | RTF

Operations History Report

This report shows the operations data for the selected vehicles and the selected period.



Operations History Report

Operations History Report for period 17/11/2008 09:47 to 18/11/2008 09:47

Preferences

Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

Vehicle Name	Date & Time	Position	Engine Hours	Electric Hours	Total Hours	Fuel Level	Battery Voltage
GPRSSR2-HMI	17/11/2008 09:51:28	1.05 km East of Bloomington, Minnesota, USA	695	10	706		12
GPRSSR2-HMI	17/11/2008 09:56:43	1.05 km East of Bloomington, Minnesota, USA	695	10	706		12
GPRSSR2-HMI	17/11/2008 10:03:56	1.06 km East of Bloomington, Minnesota, USA	696	10	706		13
GPRSSR2-HMI	17/11/2008 10:06:37	1.06 km East of Bloomington, Minnesota, USA	696	10	706		13
GPRSSR2-HMI	17/11/2008 10:15:12	1.06 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:15:26	1.06 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:18:23	1.05 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:19:18	1.06 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:21:49	1.06 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:36:56	1.06 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:39:59	1.06 km East of Bloomington, Minnesota, USA	696	10	706		12
GPRSSR2-HMI	17/11/2008 10:47:27	1.05 km East of Bloomington, Minnesota, USA	696	10	707		12

Position History Report

This report shows positional information for the selected vehicles and the selected period. Note the option to "Replay this vehicle" is available on this report by clicking on this text at the start of the report.

Position History Report

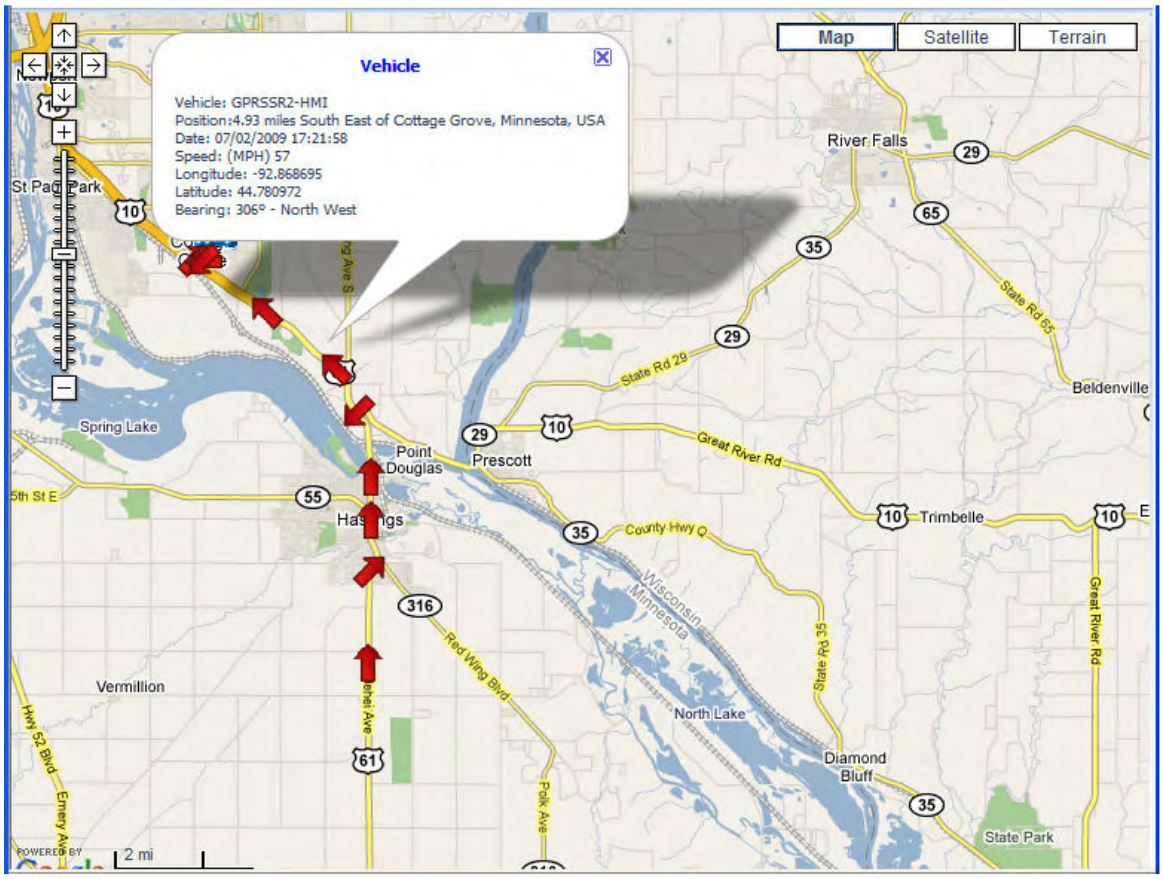
Position History Report for period 09/10/2008 10:10 to 11/10/2008 10:10

Preferences

Temperature Type: Celsius | Time Zone: Greenwich Mean Time | Speed Type: MPH

Vehicle Name	Date & Time	Position	Mileage	Speed
Ds152 Replay this Vehicle	09/10/2008 10:19:20	2.54 miles North East of Ayr, UK	40152	0
	09/10/2008 10:34:31	2.54 miles North East of Ayr, UK	40152	0
	09/10/2008 10:49:43	2.51 miles North East of Ayr, UK	40152	0
	09/10/2008 11:04:53	2.51 miles North East of Ayr, UK	40152	0
	09/10/2008 11:20:03	A78, 4.32 miles North East of Ayr, UK	40156	52
	09/10/2008 11:35:14	A78, 4.60 miles North West of Irvine, UK	40168	51
	09/10/2008 11:50:26	Bath Square, 6.03 miles West of Irvine, UK	40172	0
	09/10/2008 12:05:37	Bath Square, 6.02 miles West of Irvine, UK	40172	0
	09/10/2008 12:20:45	A78, 2.44 miles North West of Irvine, UK	40178	55
	09/10/2008 12:35:56	A77, 1.16 miles East of Kilmarnock, UK	40189	54
	09/10/2008 12:51:05	M77, 4.97 miles South East of Paisley, UK	40204	56
	09/10/2008 13:06:15	M8, 3.32 miles East of Glasgow, UK	40214	54
	09/10/2008	New Edinburgh Road (A721), 3.36 miles North East of	40224	24

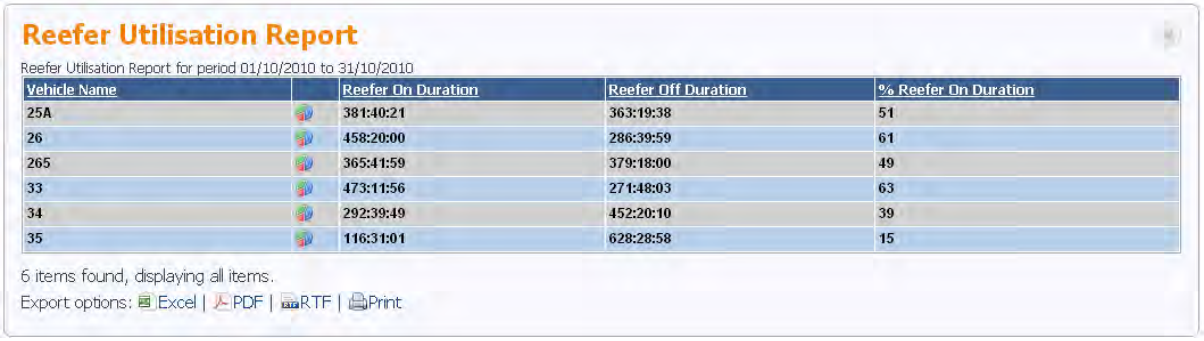
When you click on the "Replay this vehicle" option, a map will show up the journey for the selected period. Extra information about the vehicle location is shown by passing the mouse over each spot.



The arrow on the Map shows the direction of travel of the Vehicle. The hover over shows the actual bearing.

Reefer Utilisation Report

The Reefer Utilisation Report shows the Reefer On duration and the Reefer Off duration for the selected period.



Reefer Utilisation Report

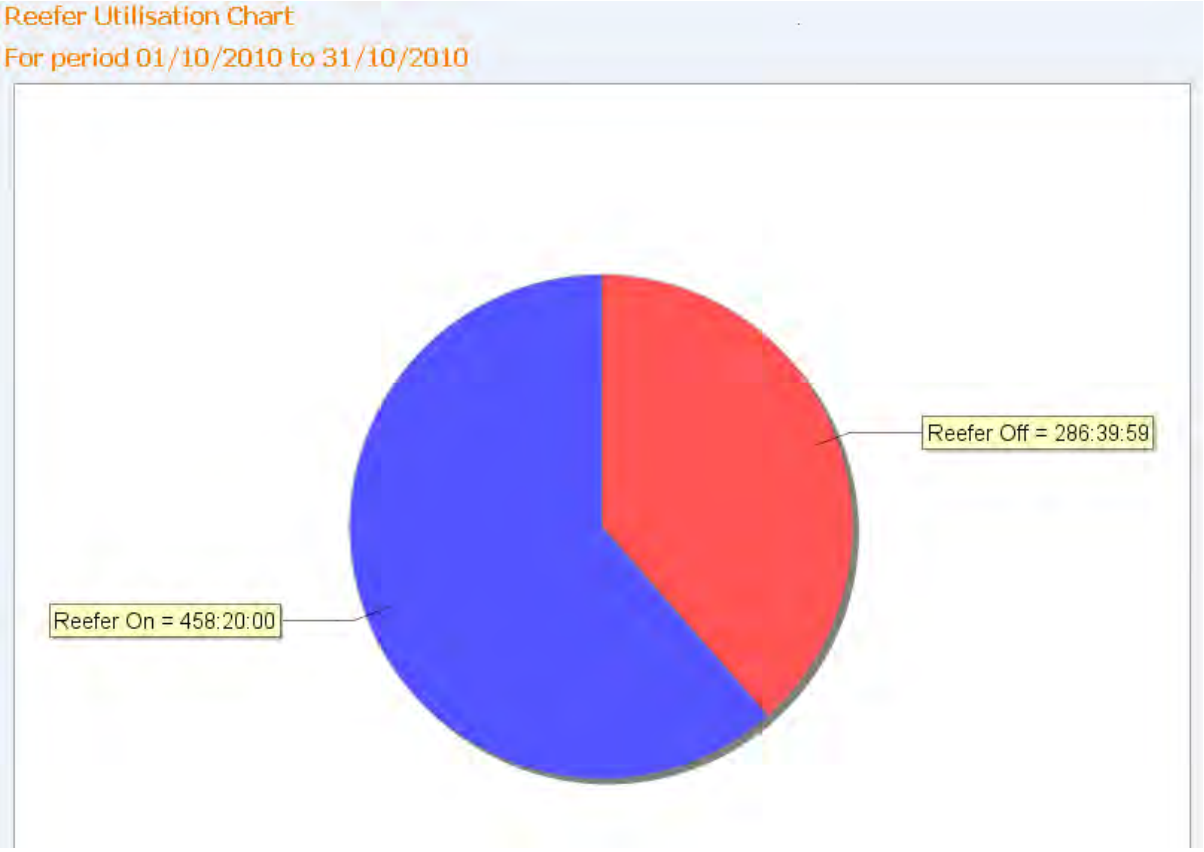
Reefer Utilisation Report for period 01/10/2010 to 31/10/2010

Vehicle Name		Reefer On Duration	Reefer Off Duration	% Reefer On Duration
25A		381:40:21	363:19:38	51
26		458:20:00	286:39:59	61
265		365:41:59	379:18:00	49
33		473:11:56	271:48:03	63
34		292:39:49	452:20:10	39
35		116:31:01	628:28:58	15

6 items found, displaying all items.

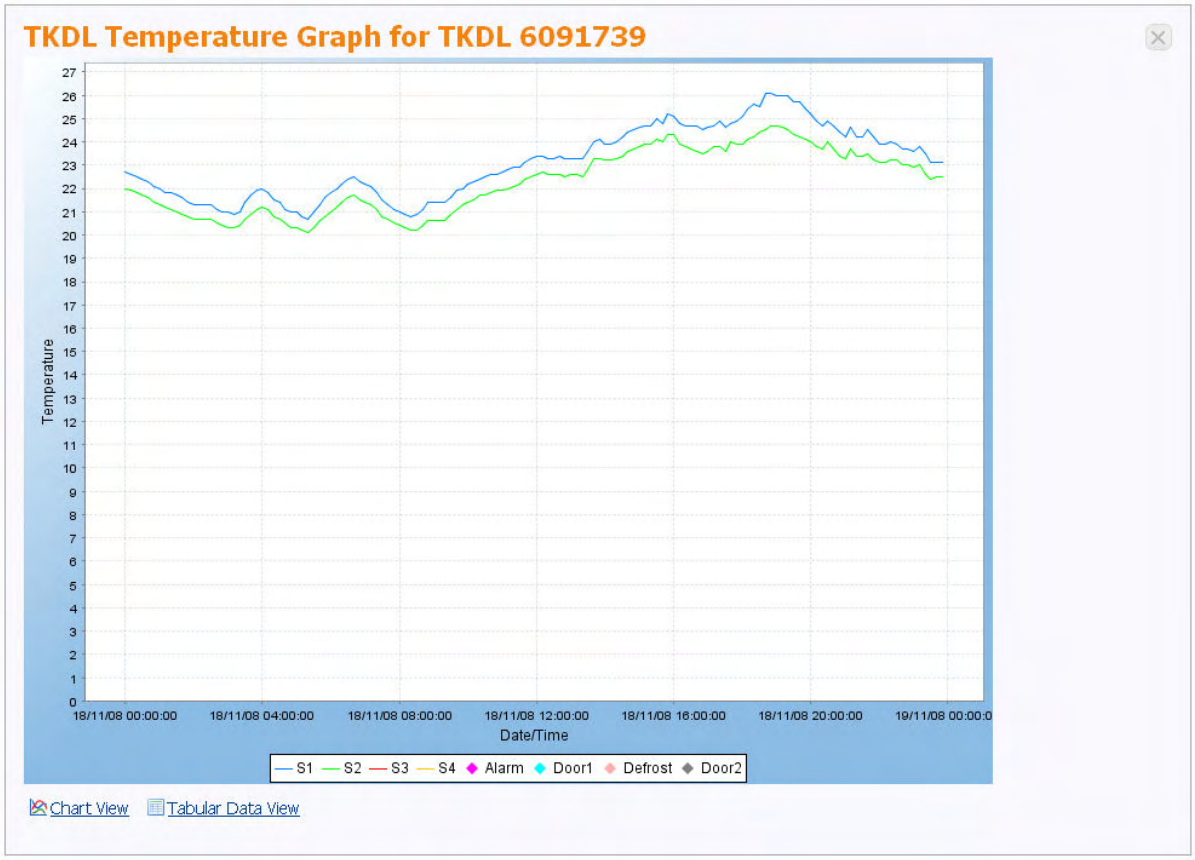
Export options: Excel | PDF | RTF | Print

By clicking on the icon on the report you can open a pie chart display of the On/Off times.



TKDL Temperature Graph

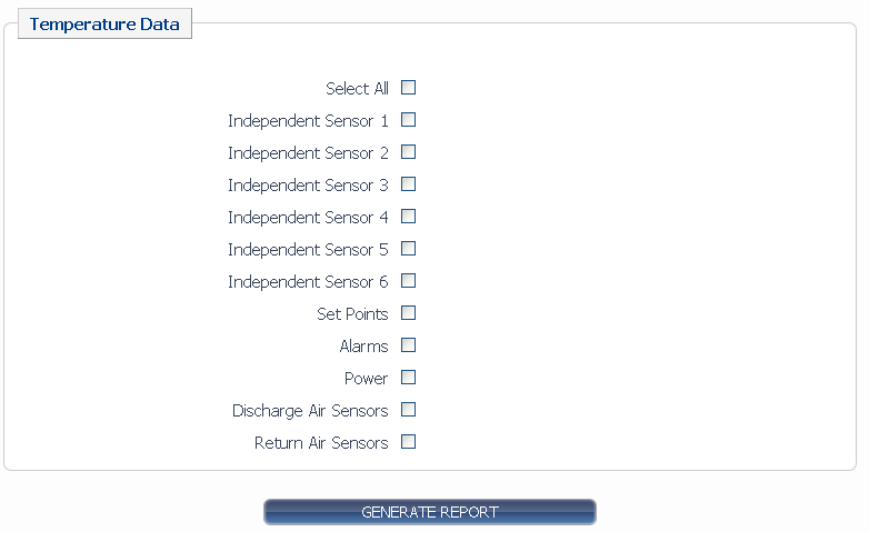
This Graph plots the Thermo King TKDL data logger data for the selected vehicle (only one vehicle at a time is possible) and the selected period. Note this report is used to display the TKDL data that has been downloaded from the Data logger. There is no need to separately download this TKDL device.

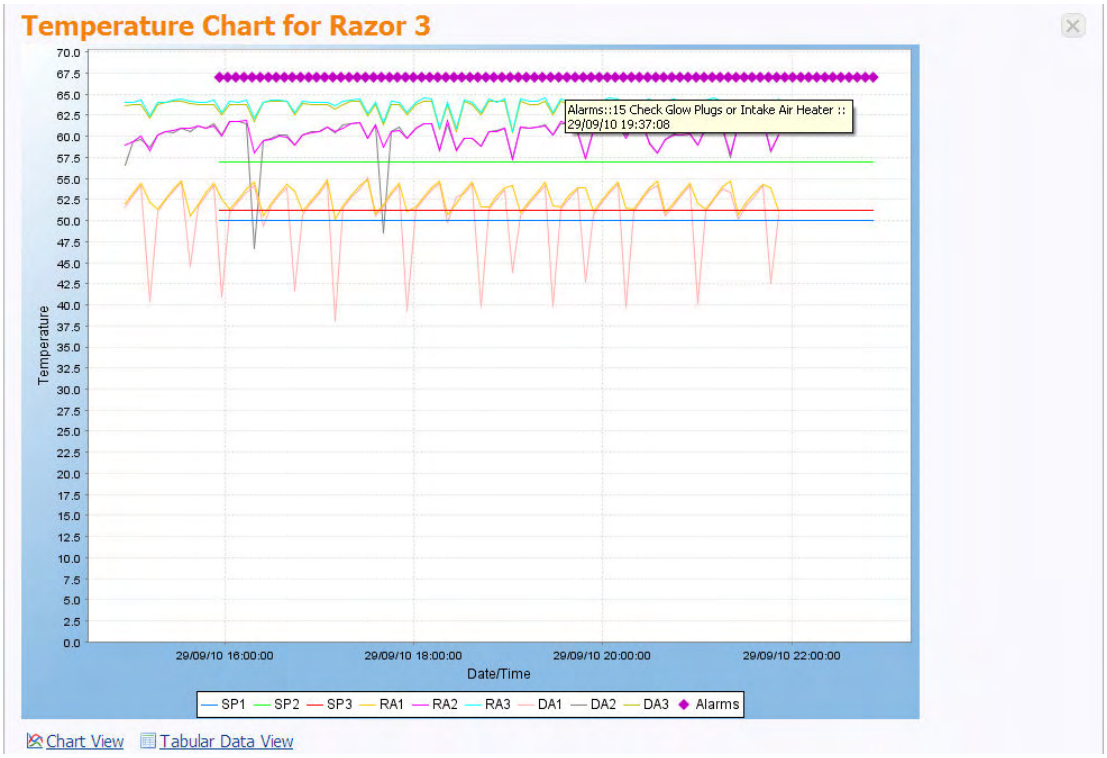


Temperature Chart

This Graph plots the Thermo King DAS data logger data and Controller data for the selected vehicle (only one vehicle at a time is possible) and the selected period. This is the periodic data as transmitted by TracKing.

Select the specific sensors you want to display.





Two-Way Audit History Report

This report allows the user to determine who has performed a Two-Way command (talk to your Thermo King dealer if you would like to upgrade to this option) on the Reefer. Two-Way commands include “Change Set point” and Change Mode”

Two Way Audit History Report

Two Way Audit History Report for period 01/11/2008 10:25 to 18/11/2008 10:25

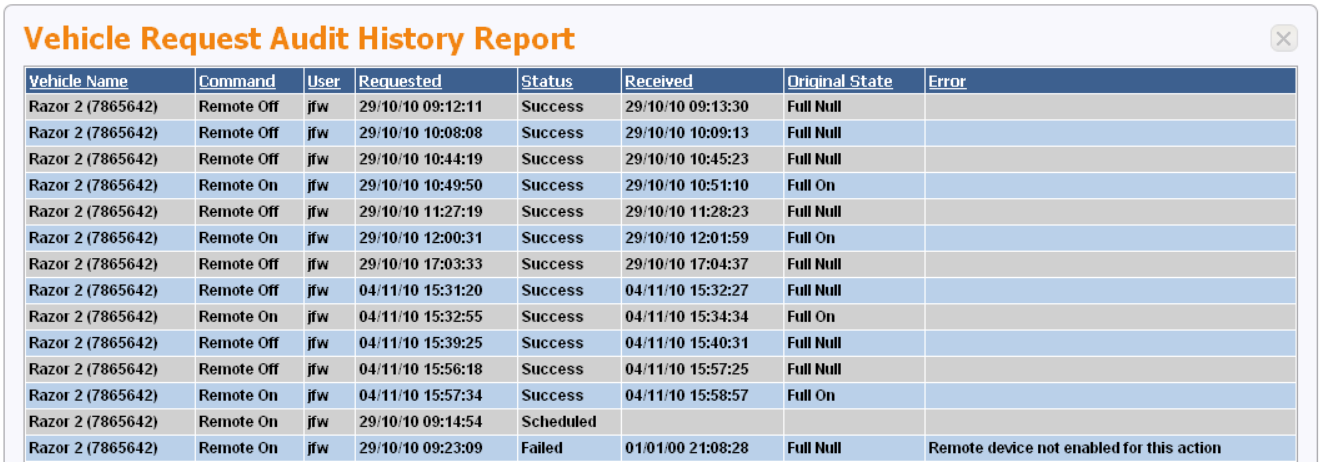
Preferences

Temperature Type: Fahrenheit | Time Zone: Central Standard Time | Speed Type: KPH

Vehicle Name	Username	Command	Command Value	Date/Time
GPRS-SPR	superuser	Reboot		03/11/2008 05:40:13
GPRS-SPR	superuser	Set Point Zone 1 Change		03/11/2008 05:49:53
GPRS-SPR	superuser	Firmware Version		03/11/2008 05:50:11
GPRSSR2-HMI	damyotte	Set Point Zone 1 Change	26.67	17/11/2008 09:29:58
GPRSSR2-HMI	damyotte	Set Point Zone 2 Change	26.67	17/11/2008 09:41:53
GPRSSR2-HMI	damyotte	Set Point Zone 3 Change	26.67	17/11/2008 09:54:48
GPRSSR2-HMI	damyotte	Clear All Alarms		17/11/2008 10:05:09
GPRSSR2-HMI	damyotte	Cycle Sentry Mode		17/11/2008 10:08:37
GPRSSR2-HMI	damyotte	Continuous Mode		17/11/2008 10:09:58
GPRSSR2-HMI	damyotte	Set Point Zone 2 Change	26.67	17/11/2008 10:34:41
GPRSSR2-HMI	damyotte	Clear All Alarms		17/11/2008 10:41:54
GPRSSR2-HMI	damyotte	Continuous Mode		17/11/2008 11:08:52
GPRSSR2-HMI	damyotte	Set Point Zone 2 Change	26.67	17/11/2008 11:36:49
GPRSSR2-HMI	damyotte	Set Point Zone 1 Change	-34.44	17/11/2008 11:46:08
GPRSSR2-HMI	damyotte	Set Point Zone 2 Change	26.67	17/11/2008 11:52:16
GPRSSR2-HMI	damyotte	Set Point Zone 1 Change	-34.44	17/11/2008 11:53:41
GPRSSR2-HMI	damyotte	Set Point Zone 1 Change	-34.44	17/11/2008 12:00:36
GPRSSR2-HMI	damyotte	Clear All Alarms		17/11/2008 12:43:36

Vehicle Request Audit History Report

This report is specific to the Remote On/ Off feature of the SR2. This shows when a command was sent and the status of the command.



Vehicle Request Audit History Report

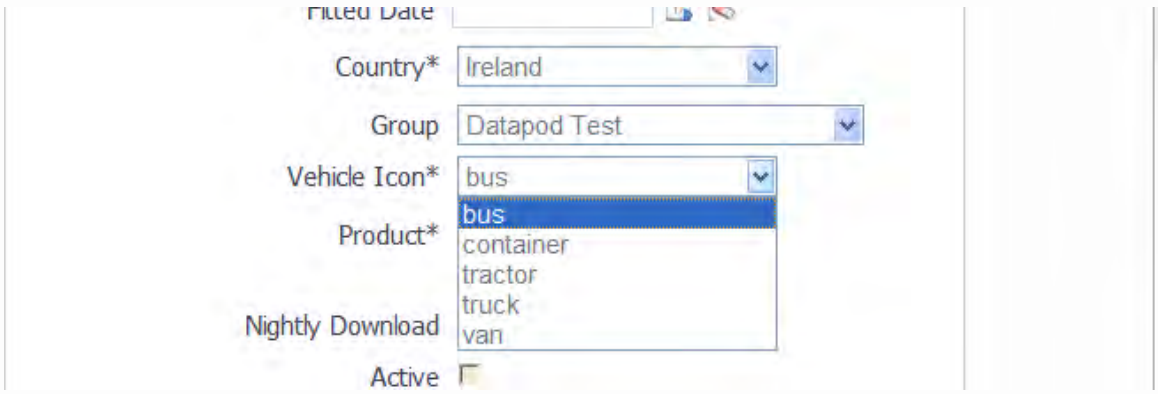
Vehicle Name	Command	User	Requested	Status	Received	Original State	Error
Razor 2 (7865642)	Remote Off	jfw	29/10/10 09:12:11	Success	29/10/10 09:13:30	Full Null	
Razor 2 (7865642)	Remote Off	jfw	29/10/10 10:08:08	Success	29/10/10 10:09:13	Full Null	
Razor 2 (7865642)	Remote Off	jfw	29/10/10 10:44:19	Success	29/10/10 10:45:23	Full Null	
Razor 2 (7865642)	Remote On	jfw	29/10/10 10:49:50	Success	29/10/10 10:51:10	Full On	
Razor 2 (7865642)	Remote Off	jfw	29/10/10 11:27:19	Success	29/10/10 11:28:23	Full Null	
Razor 2 (7865642)	Remote On	jfw	29/10/10 12:00:31	Success	29/10/10 12:01:59	Full On	
Razor 2 (7865642)	Remote Off	jfw	29/10/10 17:03:33	Success	29/10/10 17:04:37	Full Null	
Razor 2 (7865642)	Remote Off	jfw	04/11/10 15:31:20	Success	04/11/10 15:32:27	Full Null	
Razor 2 (7865642)	Remote On	jfw	04/11/10 15:32:55	Success	04/11/10 15:34:34	Full On	
Razor 2 (7865642)	Remote Off	jfw	04/11/10 15:39:25	Success	04/11/10 15:40:31	Full Null	
Razor 2 (7865642)	Remote Off	jfw	04/11/10 15:56:18	Success	04/11/10 15:57:25	Full Null	
Razor 2 (7865642)	Remote On	jfw	04/11/10 15:57:34	Success	04/11/10 15:58:57	Full On	
Razor 2 (7865642)	Remote On	jfw	29/10/10 09:14:54	Scheduled			
Razor 2 (7865642)	Remote On	jfw	29/10/10 09:23:09	Failed	01/01/00 21:08:28	Full Null	Remote device not enabled for this action

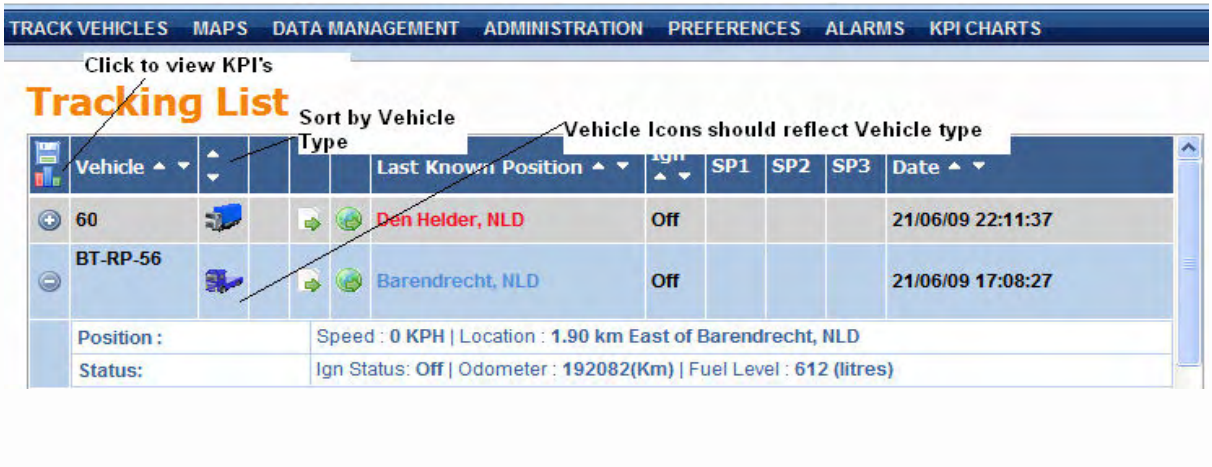
Displaying and Reporting Tractor Data

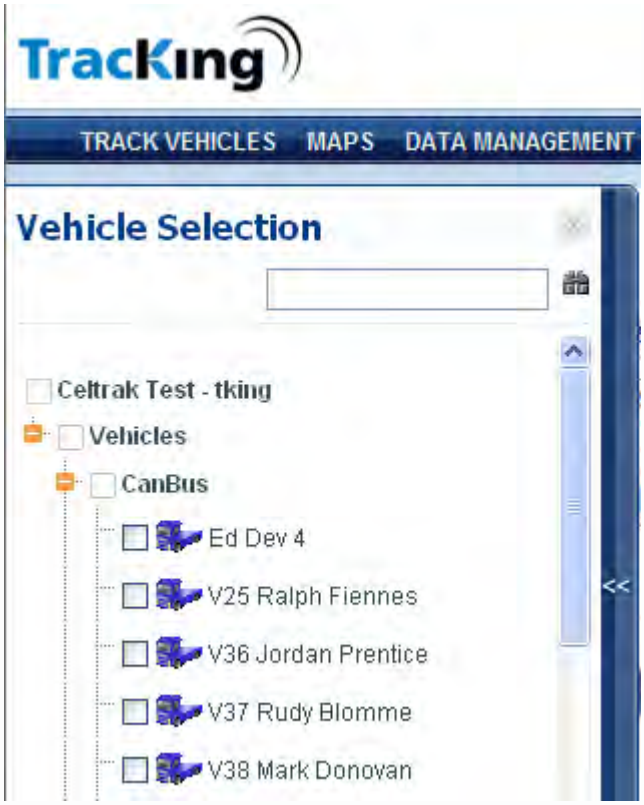
These reports require additional CANbus hardware fitted and may not be available in Certain Markets.

Tracking List

The Tracking List shows both Tractor and Trailers. When the user is setting up the vehicle in the administration screen the user should select an icon that they use to differentiate between Vehicles with CAN-bus support and Trailers or those without CAN-bus support. These icons are shown both on the Tracking list and the Vehicle tree.

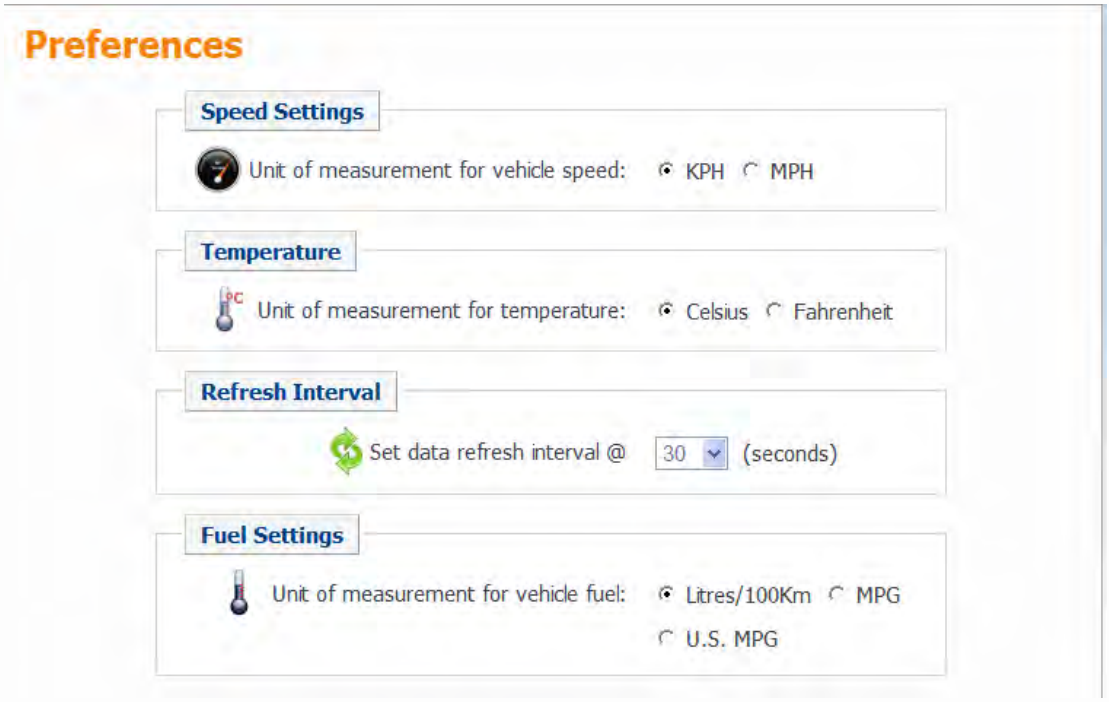






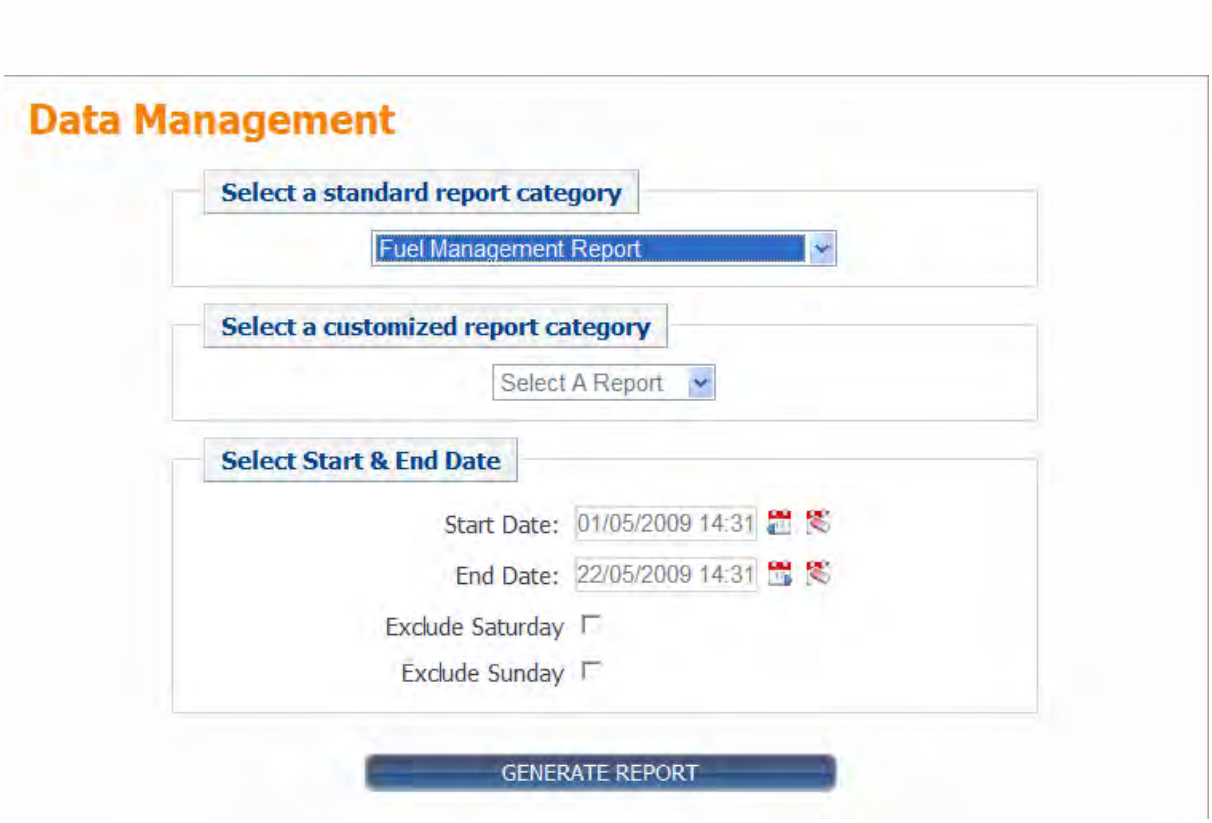
Data Management

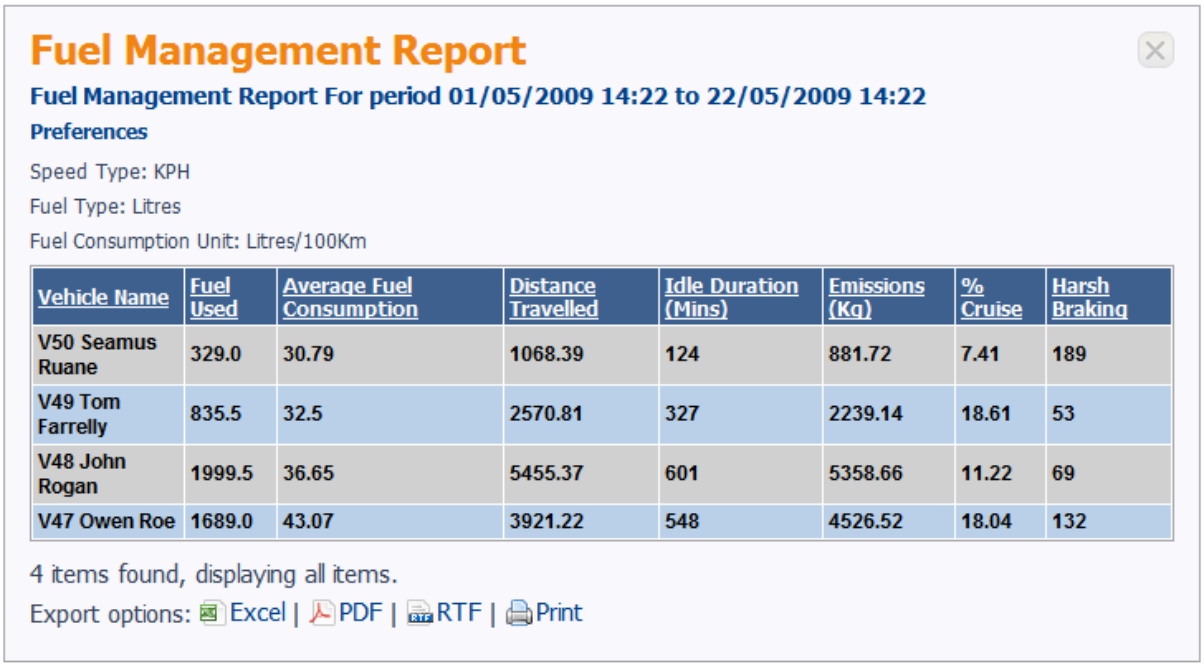
The display units for Fuel, Speed, and Distance are set in the Preferences area of the application.



Fuel Management Report

(Not available in Certain Markets including USA)





Fuel Management Report

Fuel Management Report For period 01/05/2009 14:22 to 22/05/2009 14:22

Preferences

Speed Type: KPH

Fuel Type: Litres

Fuel Consumption Unit: Litres/100Km

Vehicle Name	Fuel Used	Average Fuel Consumption	Distance Travelled	Idle Duration (Mins)	Emissions (Kg)	% Cruise	Harsh Braking
V50 Seamus Ruane	329.0	30.79	1068.39	124	881.72	7.41	189
V49 Tom Farrelly	835.5	32.5	2570.81	327	2239.14	18.61	53
V48 John Rogan	1999.5	36.65	5455.37	601	5358.66	11.22	69
V47 Owen Roe	1689.0	43.07	3921.22	548	4526.52	18.04	132

4 items found, displaying all items.

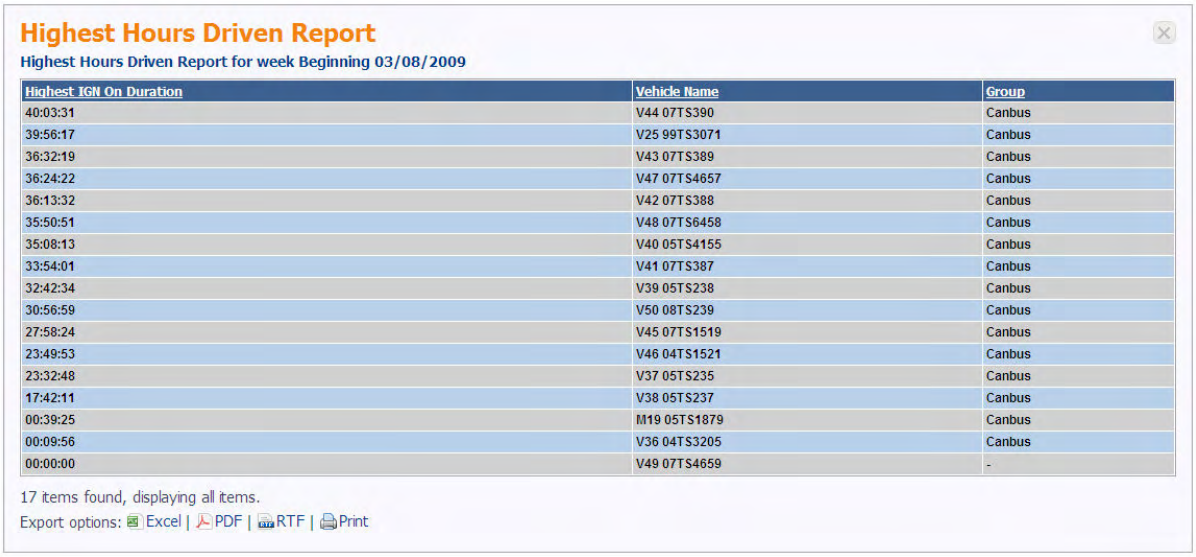
Export options: Excel | PDF | RTF | Print

Note the Units of measurement are displayed on the top of the report. % Cruise is the % time that cruise control is used. Harsh Braking is the number of times that harsh braking has occurred. Harsh braking is defined as deceleration at a rate 1.5M/sec/sec

Highest Hours Driven Report

(Not available in Certain Markets including USA)

This report shows the highest hours with ignition on for a period of 1 week.



Highest Hours Driven Report

Highest Hours Driven Report for week Beginning 03/08/2009

Highest IGN On Duration	Vehicle Name	Group
40:03:31	V44 07TS390	Canbus
39:56:17	V25 99TS3071	Canbus
36:32:19	V43 07TS389	Canbus
36:24:22	V47 07TS4657	Canbus
36:13:32	V42 07TS388	Canbus
35:50:51	V48 07TS6458	Canbus
35:08:13	V40 05TS4155	Canbus
33:54:01	V41 07TS387	Canbus
32:42:34	V39 05TS238	Canbus
30:56:59	V50 08TS239	Canbus
27:58:24	V45 07TS1519	Canbus
23:49:53	V46 04TS1521	Canbus
23:32:48	V37 05TS235	Canbus
17:42:11	V38 05TS237	Canbus
00:39:25	M19 05TS1879	Canbus
00:09:56	V36 04TS3205	Canbus
00:00:00	V49 07TS4659	-

17 items found, displaying all items.

Export options: Excel | PDF | RTF | Print

Note: By selecting vehicles in the Vehicle tree only those vehicles will be shown on this report. If no vehicle is selected then all vehicles are shown in this report.

Journey Report by Vehicle Report

(Not available in Certain Markets including USA)

This report can run for a maximum of 7 days. This report shows the breakdown of each Journey that a vehicle has completed. Note a Journey is defined from Ignition On to Ignition Off.

Journey Report By Vehicle

Journey By Vehicle Report for period 13/05/2009 to 14/05/2009

Please note:

~ denotes an approximate position | Speed Type: KPH

Fuel Type: Litres

Vehicle Name	Date	Start Time	Start Position	Stop Position	Stop Time	Distance	Journey Duration	Idling Duration	Fuel Level
Make/Model : Volvo/FH12 420 6x2 T/U									
V37	Wed 13/05/09	04:56:46	0.21 km East of Annerville, IRL	Cappakeel, 7.78 km South of Portarlington, Laois, IRL	08:25:31	232	03:28:45	00:10:03	-
	Wed 13/05/09	08:30:17	Cappakeel, 7.77 km South of Portarlington, Laois, IRL	The Heath, 7.14 km North East of Port Laoise, Laois, IRL	08:33:38	3	00:03:21	00:00:00	-
	Wed 13/05/09	09:25:44	The Heath, 7.14 km North East of Port Laoise, Laois, IRL	N8, 4.01 km North of Newinn, Tipperary, IRL	10:33:31	88	01:07:47	00:00:00	-

Note the fuel level can also be displayed on this report. This shows when a vehicle has been refuelled.

	Fri 15/05/09	09:49:33	N18, 1.91 km South of Ardrahan, Galway, IRL	N18, 1.91 km South of Ardrahan, Galway, IRL	09:52:17	0	00:02:44	00:00:00	86
	Fri 15/05/09	09:52:39	N18, 1.83 km South of Ardrahan, Galway, IRL	1.32 km North West of Oranmore, Galway, IRL	10:15:47	19	00:23:08	00:01:34	78
	Fri 15/05/09	11:08:17	1.32 km North West of Oranmore, Galway, IRL	Bunratty West, 3.30 km East of Shannon, Clare, IRL	12:15:49	77	01:07:32	00:02:03	72
	Fri 15/05/09	12:46:19	Bunratty West, 3.30 km East of Shannon, Clare, IRL	Bunratty West, 3.30 km East of Shannon, Clare, IRL	12:56:13	0	00:09:54	00:00:00	72
	Fri 15/05/09	12:56:36	Bunratty West, 3.30 km East of Shannon, Clare, IRL	Waterford Road (N24), 0.54 km East of Moangarriff, IRL	14:56:31	96	01:59:55	00:13:08	69
	Fri 15/05/09	15:02:30	Waterford Road (N24), 0.54 km East of Moangarriff, IRL	0.24 km East of Bulmers Annerville, IRL	15:20:20	4	00:17:50	00:08:50	100
	Fri 15/05/09	15:28:14	0.26 km East of Bulmers Annerville, IRL	0.28 km East of Bulmers Annerville, IRL	15:30:26	0	00:02:12	00:01:12	100
Journey Subtotals:						369	07:26:58	01:00:11	

The journey subtotal shows the total mileage, total Journey duration and total idling time. Clicking on the Start time allows the user to drill down into the detail of the Journey.

Detailed Journey Report

(Not available in Certain Markets including USA)

Detailed Journey Report

Detailed Journey Report for Vehicle V37 Rudy Blomme

~ denotes an approximate position

Preferences

Speed Type: KPH

Replay this Journey »

Date & Time	Position	Odometer	Speed
13/05/09 09:25:44	The Heath, 7.14 km North East of Port Laoise, Laois, IRL	15138	0
13/05/09 09:31:00	M7, 3.25 km East of Port Laoise, Laois, IRL	15144	87
13/05/09 09:36:01	N8, 4.80 km North of Ballyroan, Laois, IRL	15151	87
13/05/09 09:41:02	N8, 3.43 km West of Ballyroan, Laois, IRL	15158	76
13/05/09 09:46:03	N8, 0.42 km South West of Abbeyleix, Laois, IRL	15163	71
13/05/09 09:51:04	N8, 0.28 km North West of Durrow, Laois, IRL	15169	38
13/05/09 09:56:05	N8, 6.07 km West of Durrow, Laois, IRL	15175	63
13/05/09 10:01:06	Grangefertagh, 3.38 km North East of Johnstown, Kilkenny, IRL	15182	90
13/05/09 10:06:07	N8, 1.04 km North East of Urlingford, Kilkenny, IRL	15188	44
13/05/09 10:11:08	5.24 km West of Urlingford, Kilkenny, IRL	15194	88
13/05/09 10:16:09	2.03 km North of Littleton, Tipperary, IRL	15202	88
13/05/09 10:21:10	5.62 km South West of Littleton, Tipperary, IRL	15209	88
13/05/09 10:26:11	N8, 4.24 km North East of Cashel, Tipperary, IRL	15216	88
13/05/09 10:31:12	N8, 2.16 km South of Cashel, Tipperary, IRL	15223	55
13/05/09 10:33:31	N8, 4.01 km North of Newinn, Tipperary, IRL	15226	0

15 items found, displaying all items.

Export options: Excel | PDF | RTF | Print

This report is generated after clicking on the start time marker in the Journey Report By Vehicle report. It shows in detail the journey between Ignition On an Off.