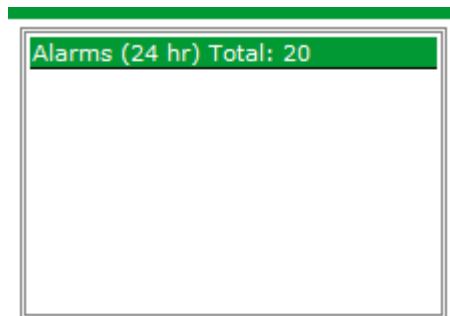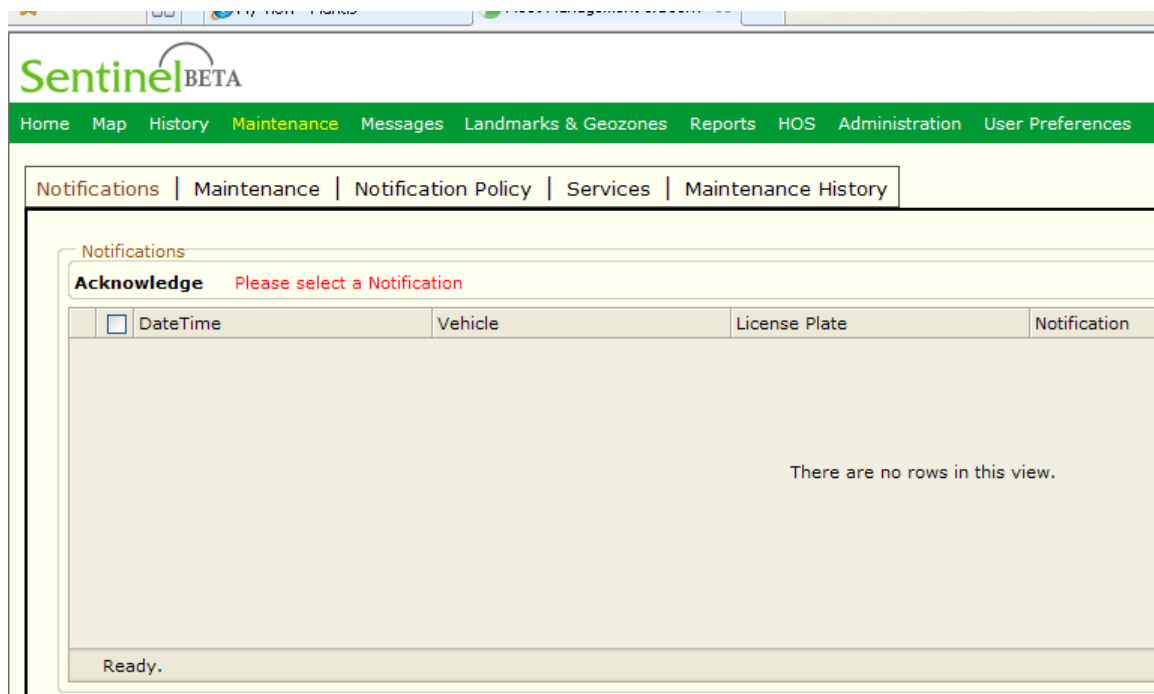# New Features in upcoming release

These features are designed to enhance the usability and functionality of the SentinelFM website and include new features such as DCT codes displaying in the alarm window as well as several bug fixes from pervious releases.

DTC codes displaying in the alarm window and in the notification panel

The DTC codes are displayed in the alarm window now.

There is a new display window in the Maintenance tab of the SentinelFM website; when users click on this link now they see a new panel for Notifications.

New report "Trip Summary Totals Report"

Two new reports have been added including:
1. Trip Summary Totals Report per Vehicle

This option allows user to generate a report based on one of either Ignition, Tractor Power or PTO. The available mandatory inputs include selecting a date & time range, the fleet or a particular vehicle within a felt as well as a format for displaying the reports. The options for displaying & saving the report(s) include PDF, Excel or Word.
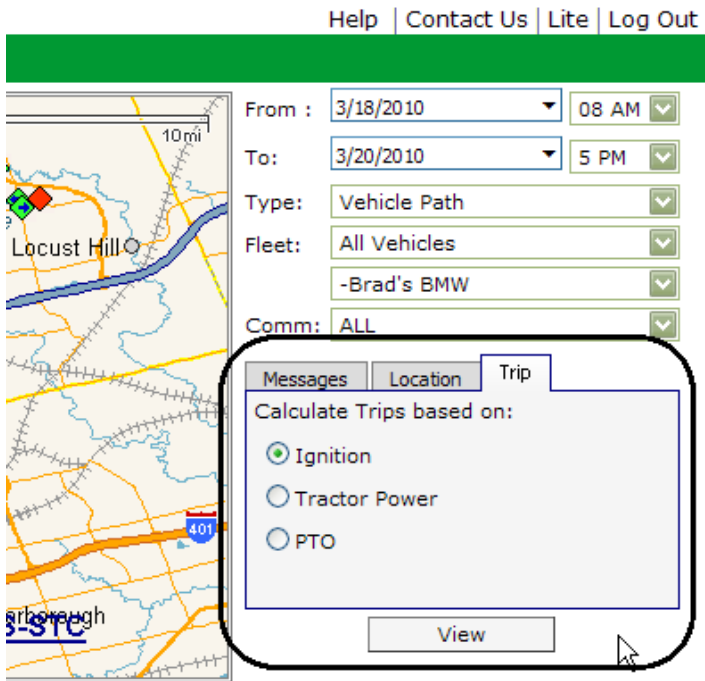
2. Trip Summary Totals Report per Organization

This option allows user to generate a report based on one of either Ignition, Tractor Power or PTO. The available mandatory inputs include selecting a date & time range and a format for displaying the reports. The options for displaying & saving the report(s) include PDF, Excel or Word.

This *Trip Summary Totals Report per Organization* report differs from the *Trip Summary Totals Report per Vehicle* report in that in the former the report is generated for the entire organization where as for the latter report it is possible to select individual reports based on either fleet(s) or vehicle(s).

Options to see trip information on history screen

There is a new sub-tab added for Trip in the History screen. Calculations based on [x]Ignition, [x]Tractor Power and [x]PTO are provided for ease of use. In previous releases these options were confined to the Reports subsection of the website.

Usability

1. Select a date and time range

In this case selected from *03/23/2010 8AM* to *03/25/2010 12PM*

2. Select the Type from the pull down menu

In this case selected *Vehicle Path*

3. Select an individual vehicle from a Fleet or All Vehicles in Fleet

Fleet: All Vehicles
102

In this case selected *All Vehicles* from the Fleet and then selected Vehicle *102*

4. **OPTIONAL**: From the *Comm* pull down menu select the communication medium

Comm: ALL
ALL
Messag GPRS_APN

This is an optional selection but usually select *All*

5. Click the Trip tab
Choose one of
[x] Ignition
[x] Tractor Power
[x] PTO

Messages | Location | Trip
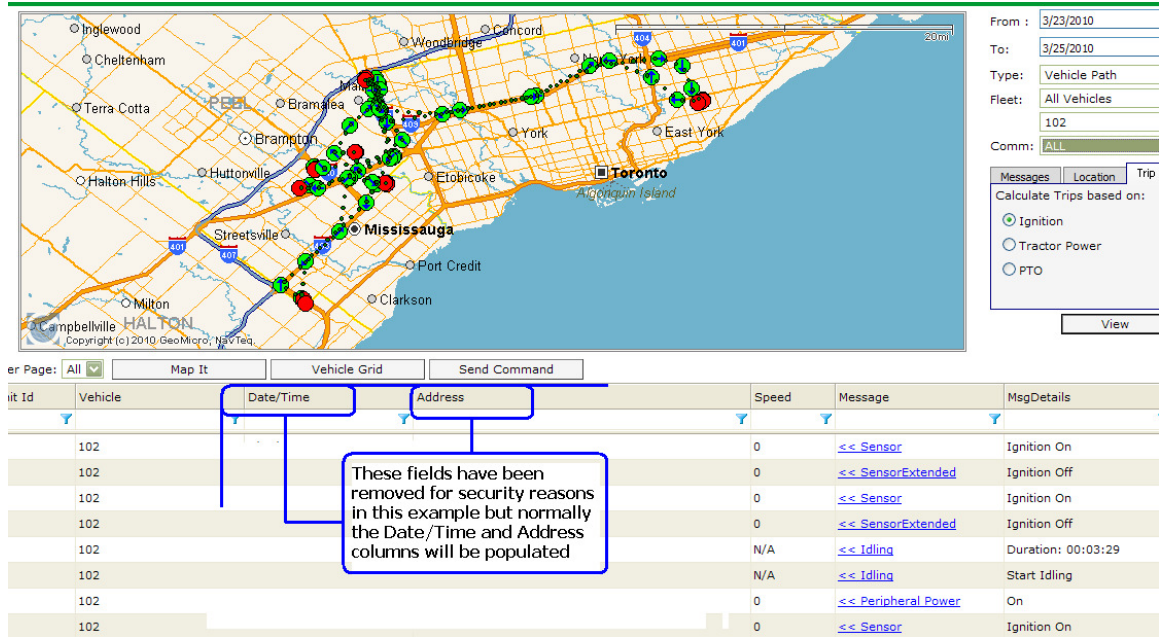Calculate Trips based on:
⦿ Ignition
◯ Tractor Power
◯ PTO

View

6. Click the View button

Note: if there is no data for the selected date, time range or if there are no trips based on the selected criteria then no results will be displayed.

Results

These fields have been removed for security reasons in this example but normally the Date/Time and Address columns will be populated

it Id	Vehicle	Date/Time	Address	Speed	Message	MsgDetails
	102			0	<< Sensor	Ignition On
	102			0	<< SensorExtended	Ignition Off
	102			0	<< Sensor	Ignition On
	102			0	<< SensorExtended	Ignition Off
	102			N/A	<< Idling	Duration: 00:03:29
	102			N/A	<< Idling	Start Idling
	102			0	<< Peripheral Power	On
	102			0	<< Sensor	Ignition On

PTO display on Maps

New in this release is how PTO is displayed on the map screen. When PTO is switched on or off it prints a blue dot on the map display screen.

Usability

On the Map screen there is a new column titled *PTO*.

In order to map a PTO equipped vehicle, scroll down the list of vehicles in the fleet and look at the PTO check box in the PTO column. Once found, click on the History button next to it.