

The system supports two types of events: hardware and software events. Hardware events are triggered in the device and reported to the server usually with a code. Software events are triggered in the server software as the product of a report from the device that meets certain criteria. The fact that a software event is not triggered is not a warranty that the event has not happened, since all depend on if the device reported or not at that moment.

Events;

Event Type	Description
Speeding	Triggered by a report with an speed higher or lower than a preset value in days complying with the selected schedule. Select the speed in Km/h or Miles/h, and the condition: Lower than or Higher than.
Geofence	Triggered by a report with coordinates inside or outside a zone (polygonal geofence) in days complying with the selected schedule.
Landmarks	Triggered by a report with coordinates inside or outside a preset radius from a landmark (circular geofence) in days complying with the selected schedule.
Long Stop	Triggered by a report that indicates that the vehicle has been stopped for a time longer that the indicated in the event parameters in days complying with the selected schedule.
Off-hours activity	Triggered by a report that indicates that the vehicle has the ignition on during the indicated times in days complying with the selected schedule. To indicate overnight hours select a latter hour as the start time.
Towing	Triggered by a report with speed higher than 0 with ignition off in days complying with the selected schedule.
Excess Idle	Triggered by a report that indicates that the vehicle has the ignition on and has been at the same place for longer than the indicated time interval in days complying with the selected schedule.
Vehicle Maintenance	Triggered after a set mileage or time has passed after the last maintenance event of the selected type. When a maintenance event is created the system doesn't know when was the last time that type of maintenance was performed, so it will create an incident of that event for the user to enter that data. The supported maintenance events are: <ol style="list-style-type: none"> 1. Change oil 2. Change oil filter 3. Change air filter 4. Change brake fluid 5. Change transmission fluid 6. Rotate tires 7. Change tires 8. Wheel alignment 9. Change battery 10. Change wiper blades

	11.Tune up
Sensor input	Triggered by a report that indicates that a specific input is in the set status (on or off) in days complying with the selected schedule.
Device triggered	Triggered by a report with a code preset in that device's configuration.
Combination	Triggered by a report that meets several of the set criteria. For ex. Speeding inside a zone.
Route	Triggered by a report that indicates that the vehicle is outside its current route for more than the indicated limit distance.

Some of those events need to be set up in the software and or the modem to generate events.

The user can also receive notifications of those events in the software ,by email (in some countries they can also receive those notification in their cellular phones.

Commands;

The system is able to send commands to the devices. To send a command to a device first the user has to have the right to send that type of command (this is set in the user's privilege) and second that device must support that type of command as well , If both this conditions are met then the command will appear in the list of commands displayed from the vehicle row in the main map window.

The user can send a command to activate or deactivate the output or outputs, depending how many output the modem have, some modems have 1 output, some have 3 , 5 or more outputs.

The modem output can be use for many function.

Example; to turn on / off the engine, lock / unlock doors.