

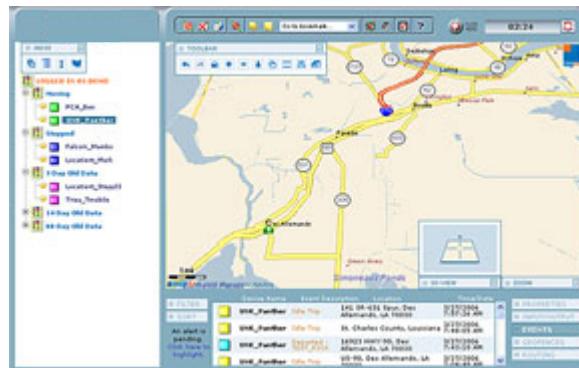


S.I.P.I. Rover GLOBAL POSITIONING SYSTEM

Special Features

Real Time View

S.I.P.I./Rover fleet tracking software allows fleet operators to view the positions of all tracked vehicles in near-real-time.



Mixed Fleets

Several types of tracking devices are supported: Fleet operators can mix and match tracking devices to suit their needs. Take advantage of low cost cellular technology for vehicles operating within cellular coverage or install satellite-based devices for vehicles operating in remote locations. S.I.P.I./Rover simplifies managing mixed fleets.



Location, Location, Location

One of the greatest advantages of using the S.I.P.I./Rover Web Portal is that it may be accessed from virtually any internet-capable PC. Whether you're working from your office network, your hotel or favorite hot spot, you'll be connected to all the powerful features of S.I.P.I./Rover.

Trip Playback

Display a vehicle's activity on the map and in text format for any specified timeframe.



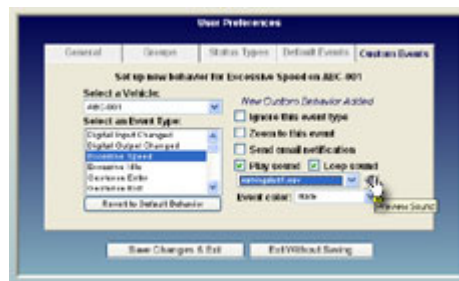
Creating Reports

Create detailed history reports and print in an easy-to-use format.

Index	Date/Time	Description	Rate	Unit	Location	Latitude	Longitude
12	01/12/2004 9:00 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
13	01/12/2004 9:05 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
14	01/12/2004 9:10 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
15	01/12/2004 9:15 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
16	01/12/2004 9:20 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
17	01/12/2004 9:25 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
18	01/12/2004 9:30 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
19	01/12/2004 9:35 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
20	01/12/2004 9:40 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
21	01/12/2004 9:45 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
22	01/12/2004 9:50 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
23	01/12/2004 9:55 AM	Heading	74	0	120 Johnson Station	37.0700	-85.7511
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Customized Event Handling

Over 20 pre-defined events are currently supported by S.I.P.I./Rover. New events are added automatically as the capabilities of tracking devices are expanded. Each S.I.P.I./Rover user may configure the software to behave differently for each type of event. For critical events, loop an alarm WAV file continuously until the event is acknowledged. For less important events, the user may opt to briefly play a non-intrusive chime; or simply ignore the event altogether.



Email Notification

Events may optionally be sent to a customer's email address (including cell phone and pager email addresses).

Remote Configuration

Change most device configuration parameters over the air! Users that are assigned permission to modify device settings may use S.I.P.I./Rover to make changes to a device remotely.

Vehicle Properties

Clicking a vehicle in the main vehicle list will display the current vehicle properties. This is an "at a glance" display of speed, compass heading, location, and status of the vehicle.

Temperature Reporting

S.I.P.I./Rover supports temperature sensing devices! When installed on a vehicle, the primary temperature sensor value (Zone 1) is displayed in the vehicle properties window. This is useful for monitoring the temperature of refrigerated vehicles or engine temperatures.

Graphic Compass

On the map, a vehicle is displayed as traveling either East (facing right) or West (facing left). The graphic compass in the vehicle properties window will display the actual compass heading of the vehicle. If the vehicle is stopped or does not have a valid GPS fix, the compass needle will be replaced by a red “X”

Geofence Overview

A geo-fence is a geographic region on a map that generates an event when a vehicle enters or exits the region. A new geo-fence is created by drawing it on the map as a rectangle, circle, or polygon. If the target device supports internal geo-fencing, the fence coordinates are automatically sent to the device over the air. Otherwise, the geo-fence is stored and monitored by the S.I.P.I./Rover server. Internal geo-fencing by the device is usually desirable but can be tedious to configure. S.I.P.I./Rover’s geo-fence editor handles this process in a few mouse clicks.



Geofence Cloning

Setting up geo-fences for multiple devices can be a chore in other fleet tracking systems. S.I.P.I./Rover simplifies this task with its innovative geo-fence “cloning” feature. Cloned geo-fences are displayed with blue borders (instead of green), so it’s easy to spot geo-fences that are shared by multiple devices.

Find An Address

S.I.P.I./Rover provides an address lookup function that can be used alone or in conjunction with “Find closest vehicle” and “Route vehicle” functions.

Find Closest Vehicles

Once an address has been located, the “Find closest vehicle” function displays a list of vehicles sorted by distance (closest vehicles first).



Route Vehicle

S.I.P.I./Rover can draw a preferred route to the target destination for a selected vehicle from its current location and optionally include turn-by-turn driving instructions.

High Priority Monitoring

It's often critical to follow a vehicle very closely as it moves along on the map. Rapid Tracking instructs a vehicle to begin reporting at its fastest reporting interval through a quick and easy two-click process.



Multiple vehicles may be placed in Rapid Tracking mode at once. The vehicle positions are updated every few seconds and the map is re-centered and zoomed to include all vehicles in Rapid Tracking mode.

For vehicles placed in this mode, the normal vehicle icons are temporarily replaced with arrows indicating current direction of travel. Vehicle symbol list is also altered for these devices, allowing users to easily identify tracked vehicles. When any vehicle is placed in Rapid Tracking mode, all users with permission to view that vehicle will see its effects on their screens.

User-defined Status

S.I.P.I./Rover allows fleet operators to create status codes that are pertinent to their business. Status codes can be assigned to a vehicle through a pop up menu in the vehicle list. Users may assign a color to each status for use in the vehicle list and map.

Vehicle Grouping

User-defined grouping allows the fleet operator to create custom groups and assign vehicles to those groups. Groups can be expanded and collapsed to simplify working with a large vehicle list. The user may optionally specify that only expanded groups are displayed on the map to reduce icon clutter.

Centralized Storage

Custom status codes, groups, and icons are tracked on the S.I.P.I./Rover server. These follow the user regardless of the PC being used. These settings also “carry over” to the console version of S.I.P.I./Rover.