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# Track Earth Tracking System

## I) what is tracking system?

Can you see your car on the map?  
Can you track your car real-time?  
Can you remote control your car?  
Can you.....?

There are so many exciting questions. Of course the answer is yes. The tracking system is this kind of device and software to help you to track your car and keep you safety and security.

There are different technology consist: GPS , GSM/GPRS , Remote Control Technology , Internet data serve etc.

What we do is to make it simple and easy for you. There are five solutions we provide to different customers. We hope you could get to know who we are and what we do through this document.

## II) Solution I Single tracker



For many user of the tracker may like this usage which is so easy. Installed the tracker only into the car, user could control and locate the car with cell phone. What he needs to do is to send one short message. So many car owner like this, but only not perfect is that the position information is coordinates. To many people, the coordinates are only numbers and meaningless. User could look this coordinates with Google earth or Google map. In all, this is simplest usage of the tracker.

### III) Solution II Maptrack\_SA

For the first solution, user will think if there are more functions like: I want to see my car on the map. If there's several cars, what shall I do? Can I store all the coordinates for a trace?

The **solution II** has more exciting functions let user to make it. User need connect a GSM modem with computer,



and then install the software **Maptrack\_SA** to pc. The software will control the modem to send and receive SMS to track the vehicle. Then user's could monitor the status of the vehicle and see it on the map. It could work without internet connection. And user could control the cost for tracking which only come from SMS charge.

It has vehicle information management function and MAX vehicle suggestion is 50 vehicles.

### IV) Solution III Maptrack\_SB

The **solution III** has the same hardware as **solution II**, but it has GPRS working mode.

As we know when we send short message to our friend, he will get it after several minutes and we can't send SMS every 5 or 10 seconds. GPRS work mode with internet support can transfer mass of information so **maptrack\_SB** can track the vehicle real time and get the immediately response from device. User could see the car is running on the map and collect more waypoints and information.

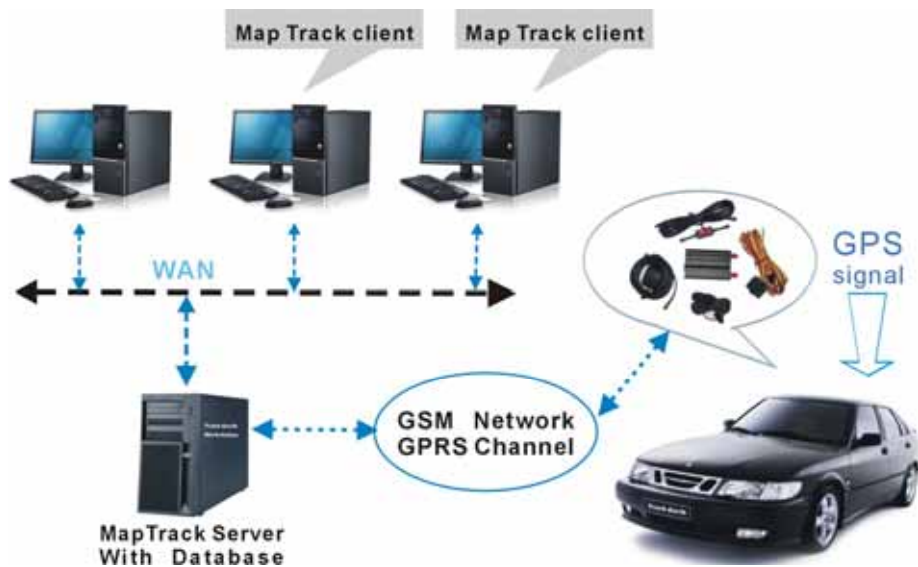


This solution can show user's car real time on the map. And it use GPRS to transfer information, it has more powerful function as the mileage, history trace and so on. So it has more powerful function as mileage, history trace display and so on. Because it is designed for pc, so the suggestion is 50 to 100 vehicles.

## V) Solution IV Maptrack\_CS

Solution IV is large professional tracking system. It supports hundreds or thousands vehicles for user to locate and management.

There's workstation as a server on the internet to collect and store all the data. And further more, a static IP address is necessary. The entire trackers send the information through GRPS channel and internet to server. User need to install client software on his computer. He locate and manage the vehicles by the client software. It's suitable for the TAXI, bus or special vehicles which need there's someone monitoring for 24 hours one day.



## VI) Solution V Maptrack\_BS



Compare the solution IV with V, no extra software to install to user's pc which is good

feature of solution V. User could login server with any compute by IE or Firefox. It supports hundreds or thousands vehicles too. It's more exciting for consumers he could track his vehicle at office, at home, on the road, anywhere and anytime with internet.

Furthermore, the operator could setup a website for it. All of users could login in the website and see the information, setup forum for the interesting things and sharing stories. We had build this website, welcome to join us!

## VII) Function list

	I	II	III	IV	V
<b>System</b>	Tracker cell phone	Tracker+PC+MODEM	Tracker+PC+MODEM	Tracker Internet server + client software	Tracker Internet sever
<b>Application</b>	signal car	group <50 vehicles	group 50 to 100 vehicles	group 500 to 5000	group 2000 to 8000
<b>Locate</b>	SMS feedback coordinates and speed	Real-time on map	Real-time on map	Real-time on map	Real-time on map
<b>Map</b>	no	GOOGLE map/MAPINFO	GOOGLE map/MAPINFO	GOOGLE map	GOOGLE map/MAPINFO
<b>Tracking</b>	minutes	minutes	real-time	real-time	real-time
<b>Remote control</b>	cell phone	cell phone/pc	cell phone/pc	cell phone/pc	cell phone/pc
<b>Data</b>	SMS	SMS	SMS/GPRS	GPRS	GPRS
<b>Listening in</b>	Yes	Yes	Yes	Yes	Yes
<b>Cut off</b>	Yes	Yes	Yes	Yes	Yes
<b>Anti-thief Alarm</b>	Yes	Yes	Yes	Yes	Yes
<b>SOS</b>	Yes	Yes	Yes	Yes	Yes
<b>Towing</b>	Yes	Yes	Yes	Yes	Yes
<b>Parking Time alert</b>	Yes	Yes	Yes	Yes	Yes
<b>Over speed</b>	Yes	Yes	Yes	Yes	Yes
<b>Power alarm</b>	Yes	Yes	Yes	Yes	Yes
<b>Empty /load</b>	No	No	No	Yes	Yes
<b>Management</b>	No	Yes	Yes	Yes	Yes
<b>Mileage</b>	No	No	No	Yes	Yes
<b>History Trace</b>	No	No	No	Yes	Yes
<b>GEO fence</b>	No	No	No	Yes	Yes