



File Name:	MEITRACK MS01 User Guide	Creator:	Cavana Cheung
Project:	GPS Tracking System	Creation Date:	2009-12-24
		Update Date:	2011-02-12
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MEITRACK® MS01

User Guide



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1 Introduction

Welcome to the GPS Tracking System MS01 Guide!

MS01 is a PC based tracking software which is suitable for small or medium enterprises and end users and supports up to 500 trackers.

With MS01, you can track your vehicles, children, pets and valuable assets anytime on your own computer.

Thank you for using MS01

2 Installation

MS01 is easy to install if you follow all the instructions in this document. Please read the document carefully before you get started. If you have a fix internet public IP address, it will be much easier for your installation and running.

This document should get you through the installation quickly, but please feel free to contact us if you have any queries or questions.

Software required under Windows:

1. Windows Installer 3.1 or above version
2. Net Framework 2.0 or above version

If your operation system doesn't include the above software, please download and install manually. You can also find them in the CD.

Note: If you have a PC server with fix internet public IP address, please go to 2.4 directly.

2.1 Router Configuration

2.1.1 Set Intranet IP Address

If you are using router for internet connection, you need to specify a reserved IP address for your PC on the LAN.

We take TP-Link Router as an example here.

Login your router and go to Address Reservation under DHCP.

Address Reservation

ID	MAC Address	Reserved IP Address	Status	Modify
1	00-0A-EB-00-23-11	192.168.1.100	Enabled	Modify Delete

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Click 'Add New' and enter the MAC Address and Reserved IP Address and make Status 'Enabled'. Click 'Save' when finished.

Add or Modify a Address Reservation Entry

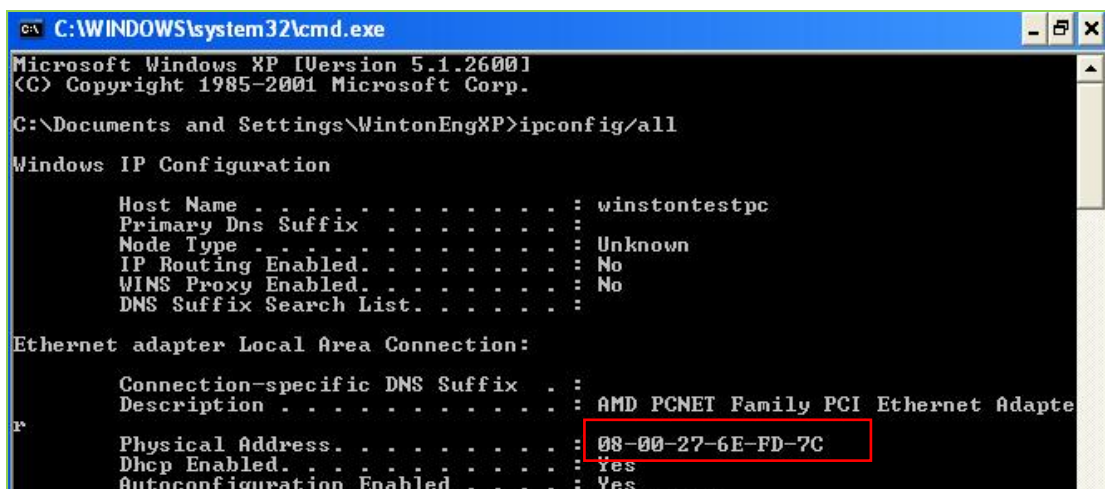
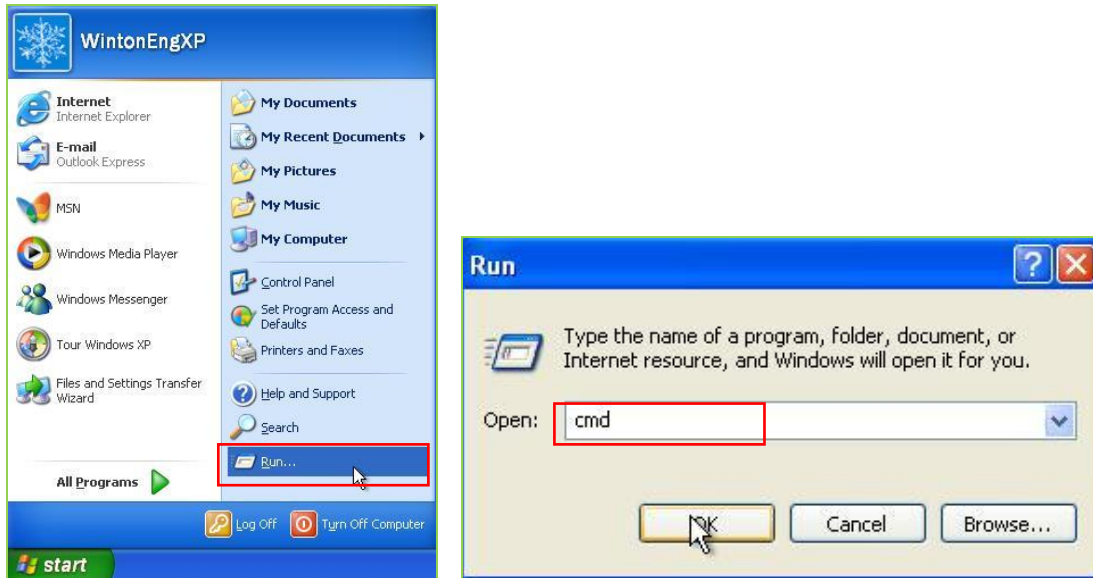
MAC Address:
Reserved IP Address:
Status:

Note:

1. MAC Address

The format for the MAC Address is XX-XX-XX-XX-XX-XX.

If you don't know the MAC address of the PC, please go to Start->Run and the Open 'cmd'. Enter 'ipconfig/all' in MS-DOS window, then you see the MAC Address as follows:-



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2. IP Address

A valid reserved IP address is normally in the range from 192.168.1.2 to 192.168.1.254 or from 192.168.0.2 to 192.168.0.254 (for more details please refer to your router's setting) and the one you enter should not be occupied by other PC.

2.2.2 Set up a Service Port for the PC

Go to 'Virtual Servers' under 'Forwarding' and click the 'Add New' button.

Virtual Servers

ID	Service Port	IP Address	Protocol	Status	Modify
1	21	192.168.1.101	ALL	Enabled	Modify Delete

Enter Service Port and the Reserved IP Address in the following boxes and then click the Save button.

Add or Modify a Virtual Server Entry

Service Port: (XXX)X or XX)

IP Address:

Protocol:

Status:

Common Service Port:

Note:

Port should be in the range of [1, 65536]. Port above 4000 is preferred as those below 4000 are likely occupied by other programs.

If you are using router of other brands, please go to <http://portforward.com/> to get more configuration information for different brands and models of routers.

2.3 DynDNS

If you don't have a fixed internet public IP address, you can point a hostname to a dynamic IP address by using DynDNS. Please refer to Chapter 4 Annex: DynDNS.

2.4 Install Net Framework

Net Framework 2.0 or above version is required for MS01. Please confirm your PC has installed this program before installing MS01. If you are using Windows Vista, no need to install Net Framework.

You can go to below link for downloading Net Framework 2.0

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<http://www.microsoft.com/downloads/details.aspx?FamilyID=0856eacb-4362-4b0d-8edd-aab15c5e04f5&displaylang=en>

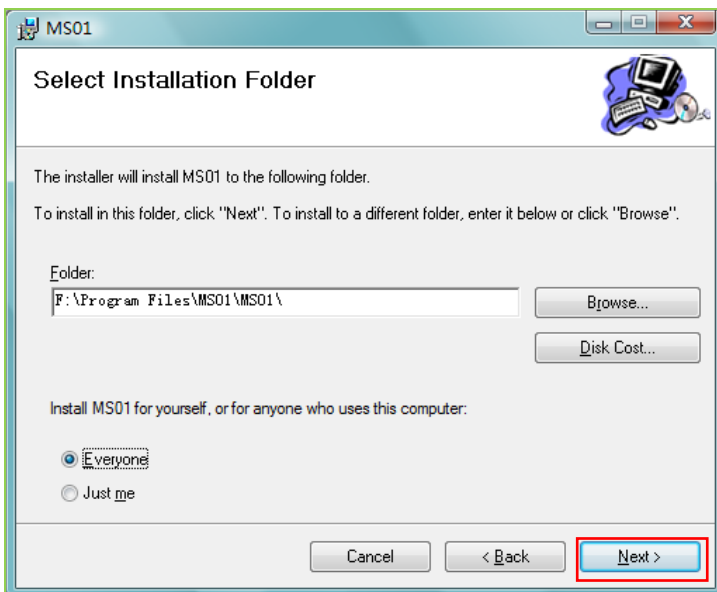
2.5 Installing and Configuring MS01

2.5.1 Installing MS01

Run setup.exe

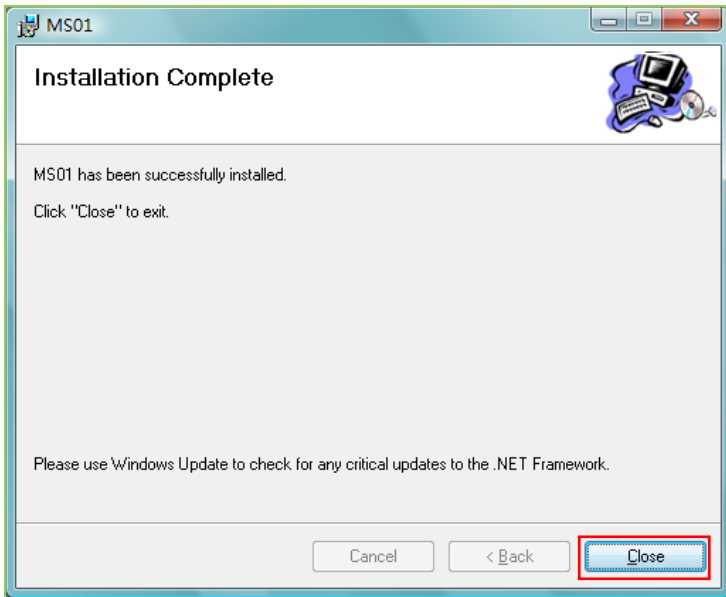


Click the 'Next' button.



Select a destination folder for MS01 and then click 'Next' till finished.

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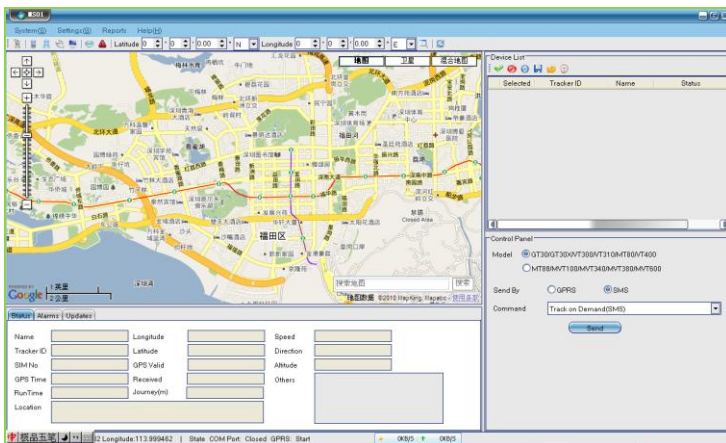
2.5.2 Run MS01



Login ID: admin

Password: 000000

Click 'OK' and MS01 is displayed as below:



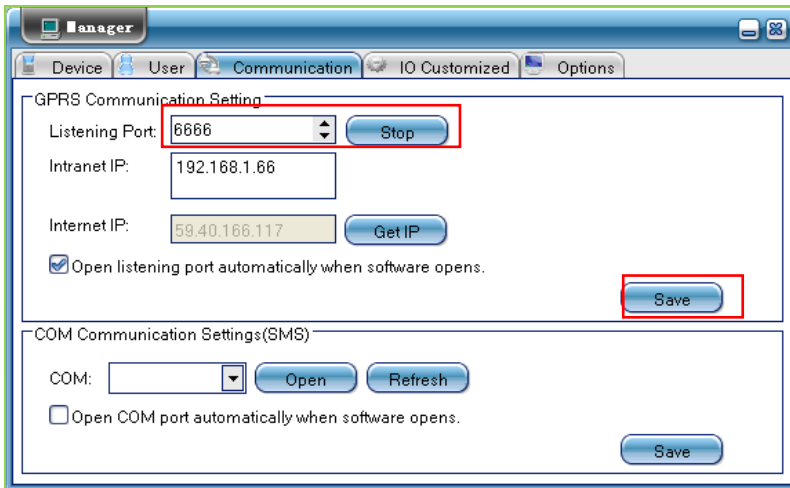
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2.5.3 Set Communication Port

Go to Communication under Settings.



Enter the Port Number according to what you have preset in the router and click the 'Stop' button and then click 'Start'.
Click 'Save' to save the changes.



2.5.4 Add Device

Device Configuration

Please refer to user manual or GPS Tracker Parameter Editor to do GPRS settings for the tracker(s).

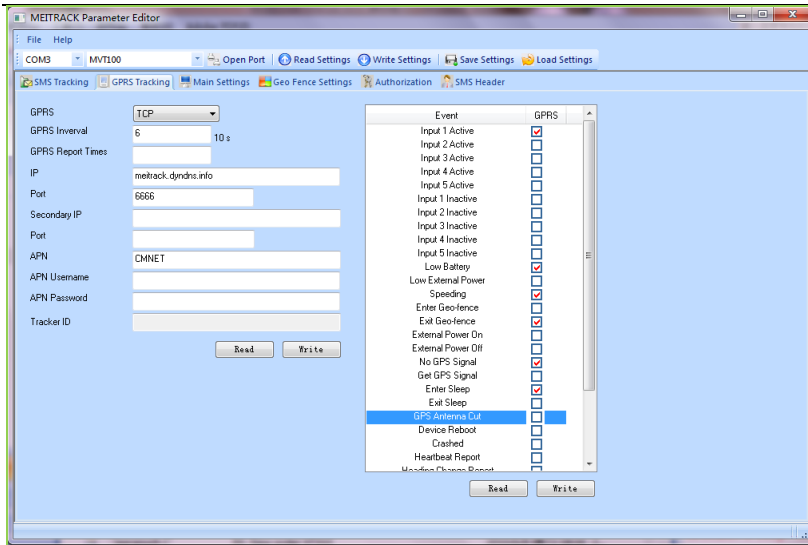
Here are some instructions for setting by GPS Tracker Parameter Editor (for more information, please refer to the user guide of GPS Tracker Parameter Editor in the CD):

1. Check the box of GPRS.
2. Enter a Tracker ID. It is a unique GPRS ID for the tracker. Please assign different ID for different trackers.
3. Input APN, APN Account and APN Password. If no APN Account and Password, leave these boxes blank.
4. Input your public internet IP address or the domain (hostname) created by DynDNS.
5. Port should be the Service Port you set in the router.
6. Interval is the time interval for GPRS tracking.

GT30i/GT60/VT300/VT310/VT400

MT80i/MT88/MVT100/MVT340/MVT380/MVT600

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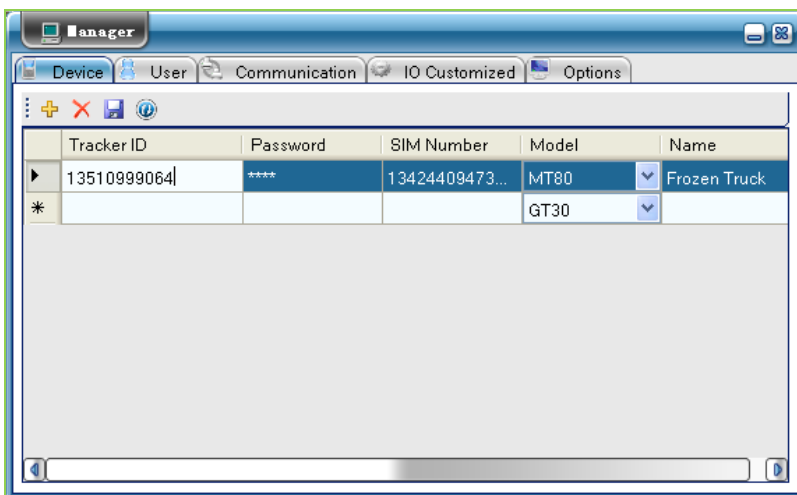
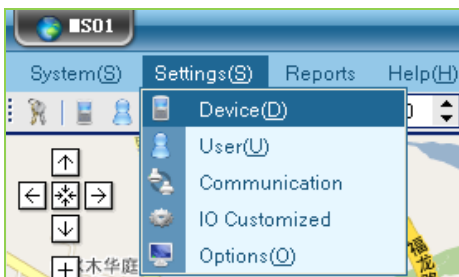


Note:

For GT30i/GT60/VT300/VT310/VT400 and MT80, Tracker ID can be created and it is not more than 14 numbers;
 For MT80i/MT88/MVT100/MVT340/MVT380/MVT600, Tracker ID is the tracker's IMEI and is shown on Parameter Editor.

Add Device

Go to Device under Settings



GPRS ID: Tracker ID set to the tracker (GT30i/GT60/VT300/VT310/VT400), or,
 The IMEI (MT80i/MT88/MVT100/MVT340/MVT380/MVT600)

Password: User's password and defaulted as 000000 (GT30i/GT60/VT300/VT310/VT400), or,
 0000 (MT80i/MT88/MVT100/MVT340/MVT380/MVT600)



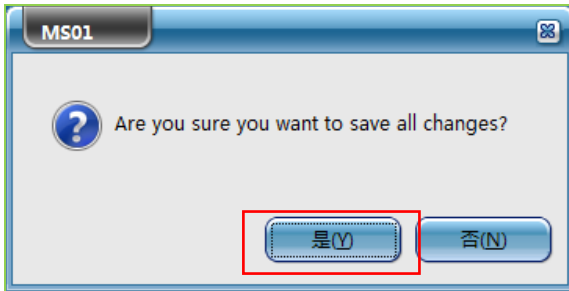
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SIM Number: The phone number of the SIM card

Type: Tracker's model

Name: Create a name for the tracker

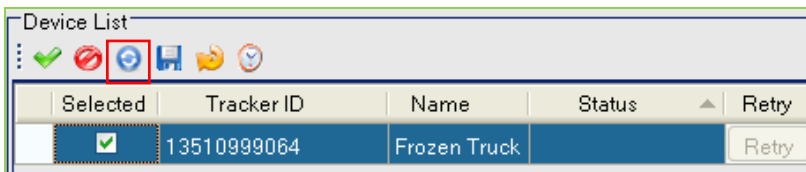
Click the 'Save' button and 'Yes' to save.



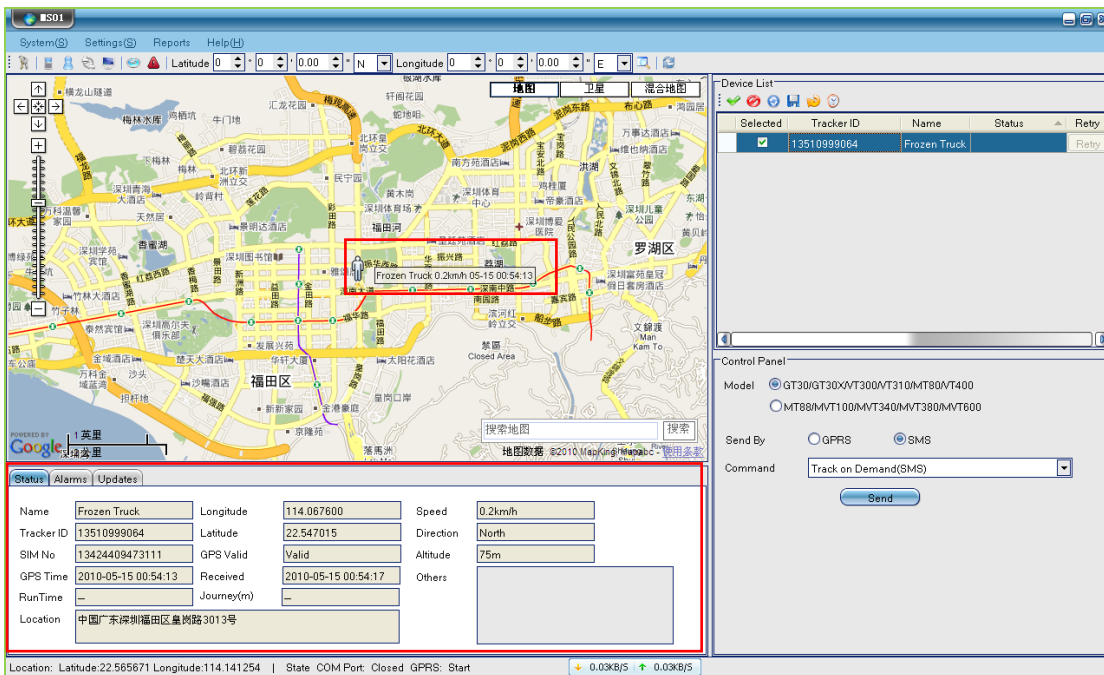
2.5.5 Show Device on the Map

On the right side of MS01 main window, the devices added will be displayed under 'Device List'.

Click the 'Refresh' button  to display new-added device(s).



When each device is selected, its status will be displayed on the bottom of the main window and when you double click the device, it will be shown on the map center.



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You can also see device's alarms and connection status under the 'Alarms' tab and 'Reports' tab.

3 MS01 Functions

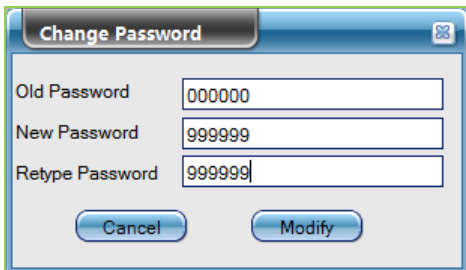
3.1 System

3.1.1 Change Password

Click Change Password under System.



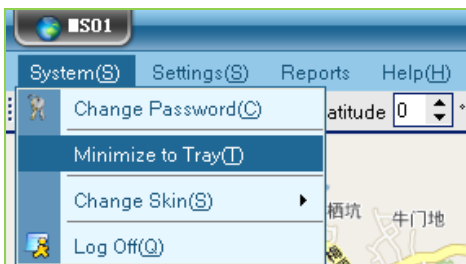
Type your new password here.



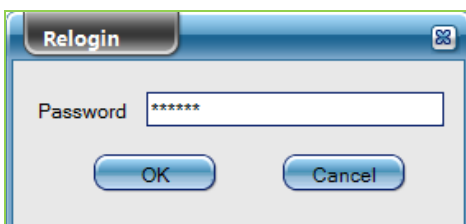
The default password is '000000'. Please change your password after login and remember your new password.

3.1.2 Minimize to Tray

Click Minimize to Tray under System to minimize MS01 to the tray when you need to hide MS01.



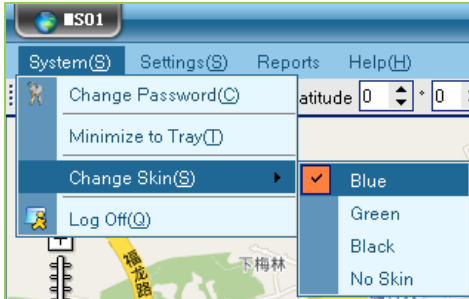
Double click the  button on the tray, MS01 will request you to enter your password for safety purpose.



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3.1.3 Change Skin

The default skin of MS01 is blue, you can change the skin in System>Change Skin.



3.1.4 Log Off

Click Log Off to exit MS01.



Note: New data cannot be received after MS01 is closed.

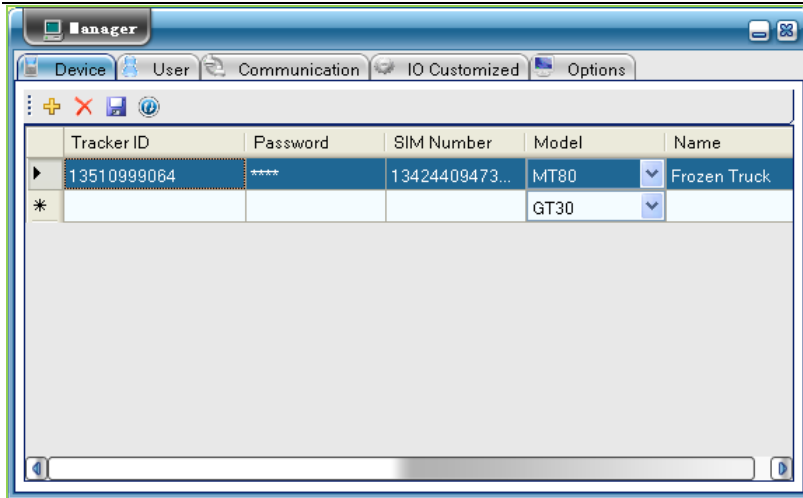
3.2 Settings



3.2.1 Device

In Device, you can add, delete or edit your trackers.

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GPRS ID: It is the tracker ID in digits you configured to your tracker or the IMEI of the tracker.

Password: The user's password for trackers to receive SMS commands and defaulted as '000000' or '0000'.

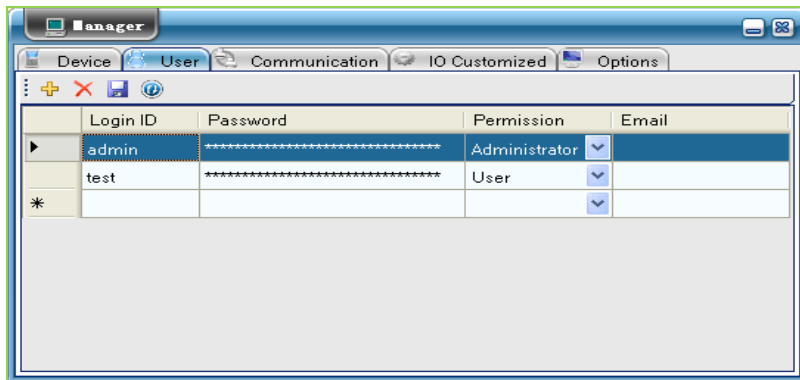
SIM Number: It is the phone number of the SIM card inserted in the tracker. It is strictly required for SMS tracking by using RT200.

Type: Tracker's type. It is important to select the right type of the tracker for full functioning of all GPRS commands for each tracker.

Name: Create a name for your tracker to be displayed on the map.

3.2.2 User

Click User under Settings for user management. You can add, delete and edit user here.



Login ID: the user's ID for MS01 login.

Password: Login password.

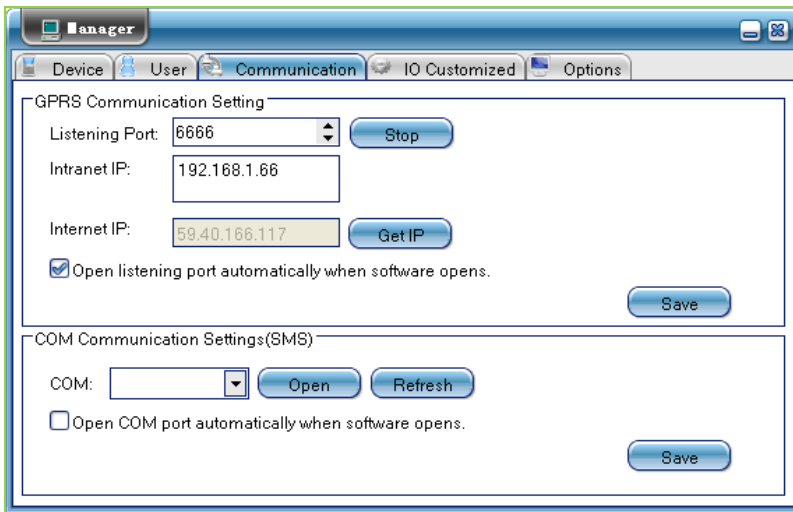
Permission: Administrator and User. Administrator can send GPRS/SMS commands and manage devices and users. User can only do tracking in MS01.

Email: User's email.

3.2.3 Communication

Click Communication under Settings.

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GPRS Communication Setting is to enable GPRS connection for GPRS tracking.

Listening Port: A port for your PC to receive GPRS data and in the range of [1, 65536]. Port above 4000 is preferred as those below 4000 are likely occupied by other programs. If you are a LAN user, it should be the port that specified in the router for your PC.

If no data is receive, suggest you use another port number and do the setting accordingly in your router.

Stop/Start: After the Port Number is entered, click 'Stop' and then click 'Start' to activate this setting.

Intranet IP: It is the IP specified to your PC in the router of the LAN.

Internet IP: Internet Public IP. For internet connection via router, if the IP that assigned to your router is a fixed IP, then you can use this IP directly. If it is a temporary internet IP and changes occasionally, then we suggest you use DynDNS as stated in #2.3 for continuous connection.

Get IP: Click Get IP to get the updated and show latest IP from your router.

Open listening port automatically when software opens: Check this box. If it is unchecked, MS01 will not receive data automatically when it opens.

Save: Click it to save all your settings.

COM Communication Setting is used for RT200 (SMS modem) for tracking and tracker configuration via SMS.

COM: the COM port number used for RT200 after connection.

Open: Open the COM port for RT200. It is suggested that one specified USB port is appointed for RT200 to avoid frequent changes of COM port number.

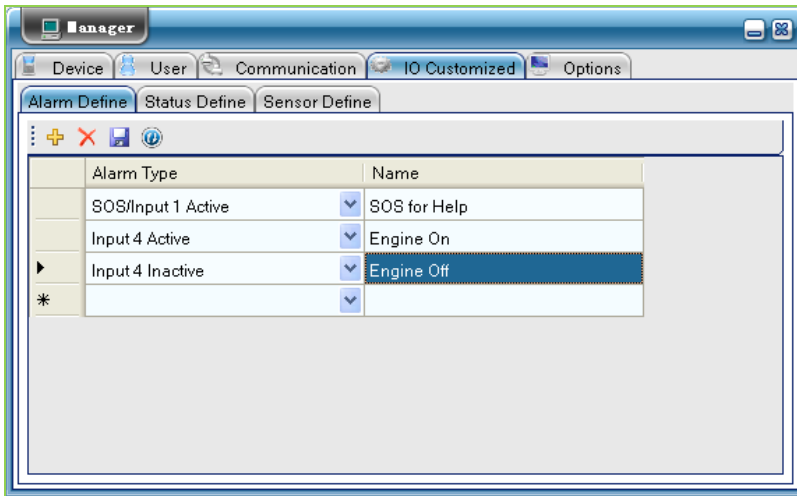
Refresh: If MS01 is already opened prior to RT200 connection, click 'Refresh' to refresh COM port.

Open COM port automatically when software opens: If RT200 is regularly connected, it is suggested that this box is checked to avoid resetting for RT200.

Save: Click it to save all the settings.

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3.2.4 IO Customized

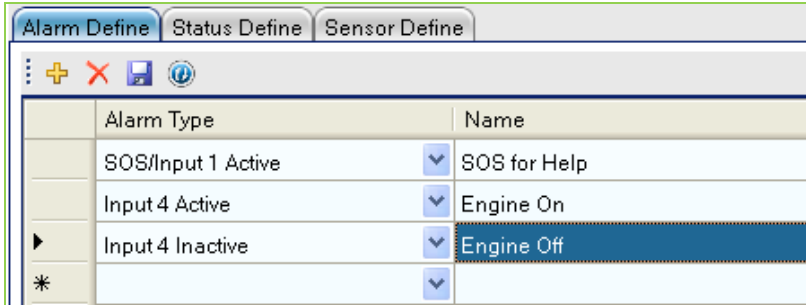


Alarm Define

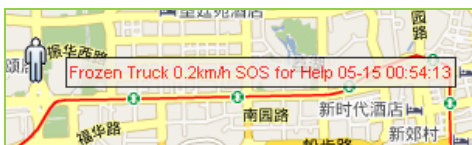
This function is for defining the status change of IO which means inputs and outputs. When the status of IO changes, the alarm will be sent to MS01 via GPRS.

For example, we can define “SOS/Input 1 Active” as “SOS for Help”. When SOS button is pressed, the SOS alarm will be sent to MS01.

Input 4 can be connected to ACC. When the input is activated, it means “Engine On.” and vice versa.



When the above alarm is triggered, its status will be display on the map.



Status Define

This function is for defining the status of input/output ports. This information will be included in the data package sent to the server. For example, Input 5 can be used to detect the status of the car door. We can define the name as Car Door Status, and the status as ‘On’ when it is active and ‘Off’ when inactive.

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Alarm Define					Status Define					Sensor Define				
+ X P I														
	Input/Output Port	Name	Active	Inactive										
▶	Input5	Car Door Status	On	Off										
*														

The status on the main interface will show as below,

Status															Alarms					Updates				
Name	MVT100	Longitude	114.078381	Speed	0.0km/h																			
Tracker ID	356896030086285	Latitude	22.541431	Direction	North																			
SIM No	13725566361	GPS Valid	Invalid	Altitude	1m																			
GPS Time	2010-05-10 13:29:41	Received	2010-05-10 13:29:43	Others	Satellite 0																			
RunTime	0d0h1m15s	Journey(m)	0	Fuel Level	100%																			
Location	GPS最后位置:中国广东深圳福田区福虹路5号. 基站定位位置:中国广东深圳福田区新华西路3号										Weight	1024	Car Door Status		Off									

Sensor Define

Sensor define is used for defining calculation formula of the sensor. It is suitable for linear analog sensor. For example, the formula of the calculation of fuel sensor is shown as below,

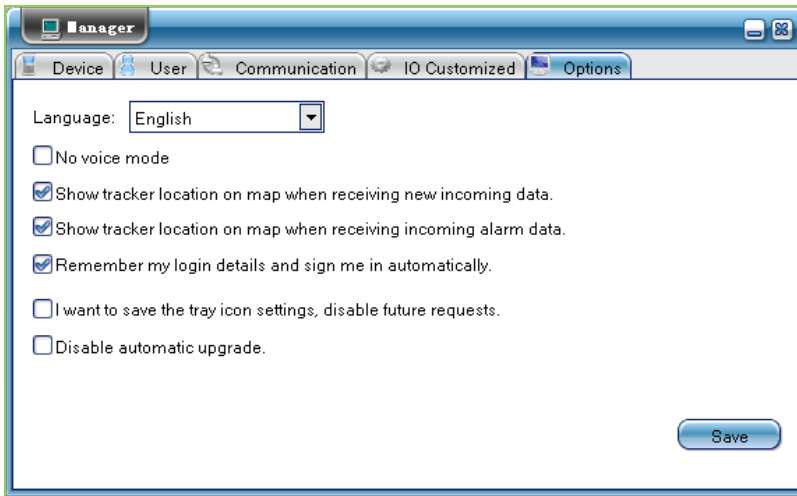
Alarm Define					Status Define					Sensor Define				
+ X P I														
	Name	Formula	Format											
▶	Fuel Level	(1024-AD3)/1024	Percent											
	Weight	(1024-AD5)	Decimal											
*														

After adding the formula, the status on the main interface will show as below,

Status															Alarms					Updates				
Name	MVT100	Longitude	114.078381	Speed	0.0km/h																			
Tracker ID	356896030086285	Latitude	22.541431	Direction	North																			
SIM No	13725566361	GPS Valid	Invalid	Altitude	1m																			
GPS Time	2010-05-10 13:29:41	Received	2010-05-10 13:29:43	Others	Satellite 0																			
RunTime	0d0h1m15s	Journey(m)	0	Fuel Level	100%																			
Location	GPS最后位置:中国广东深圳福田区福虹路5号. 基站定位位置:中国广东深圳福田区新华西路3号										Weight	1024	Car Door Status		Off									

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3.2.5 Options



Language: There are three languages available, i.e. English, Chinese and Spanish. Choose your language and click 'Save' and then restart MS01.

No voice mode: There is a siren when an alarm message is received from the tracker. Check the box to turn off the siren.

Show tracker location on map when receiving new incoming data: Check this box to update the tracker's new location on map when new data is in.

Show tracker location on map when receiving incoming alarm data: Check this box to update the tracker's location on map when new alarm message comes in.

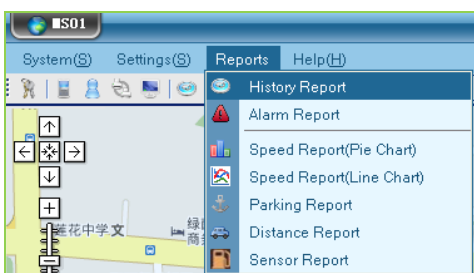
Remember my login details and sign me in automatically: Check the box to login automatically without inputting password next time. If you need to login with a different login ID, uncheck this box.

I want to save the tray icon settings, disable requests: Check this box to block reminder and minimize MS01 to the tray directly.

Disable automatic upgrade: turn off auto-update and notice of new version.

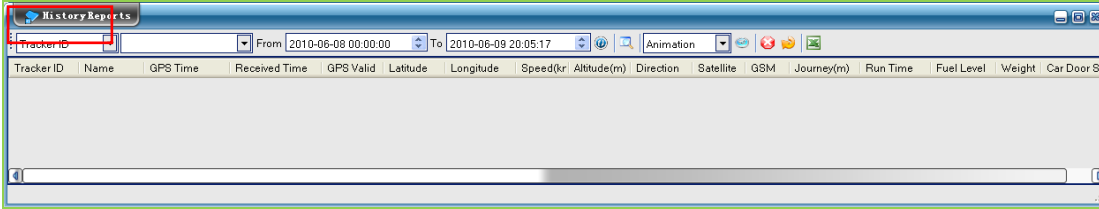
Save: Save above settings.

3.3 Reports

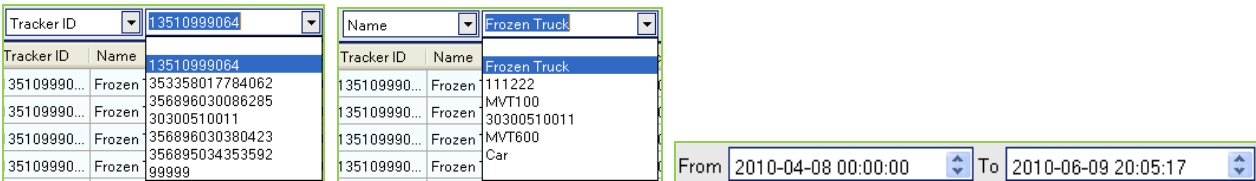


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3.3.1 History Report

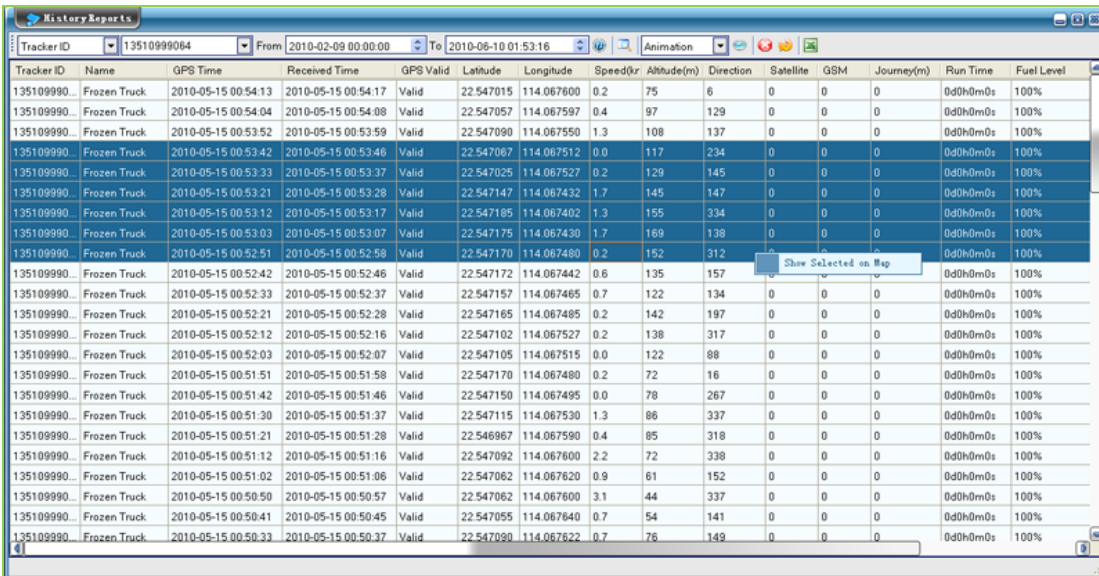


You can search history reports by Tracker ID or Name and choose a time range for the history.



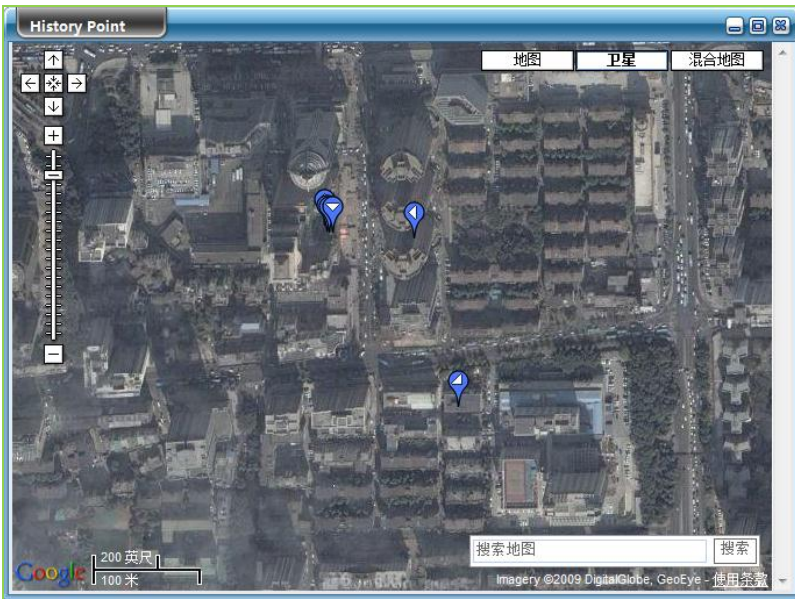
Click this button to refresh if any new device is added.

Click this button to search history reports.

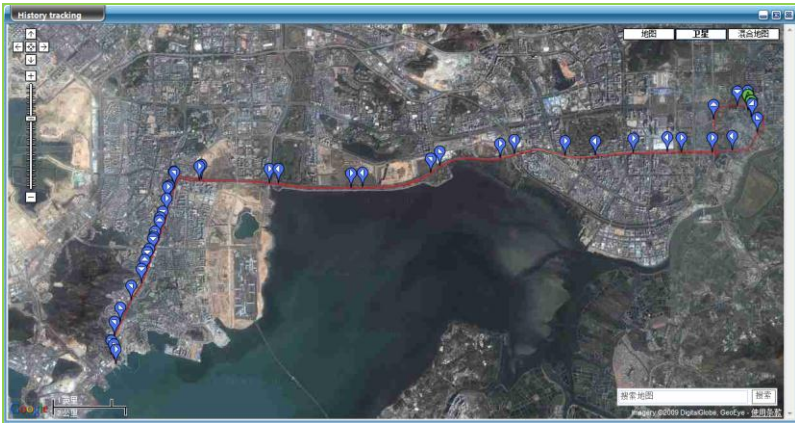


You can double click each message to show the location directly on map in a new window. You can also use Ctrl or Shift to select more messages and to show then on map by right clicking the mouse.

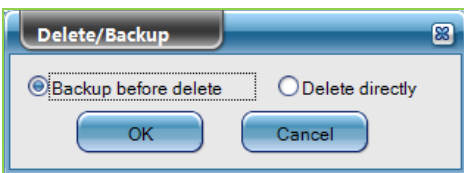
File Name:	MEITRACK MS01 User Guide	Creator:	Cavana Cheung
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: Click this button to draw all history trace on map in a new window.

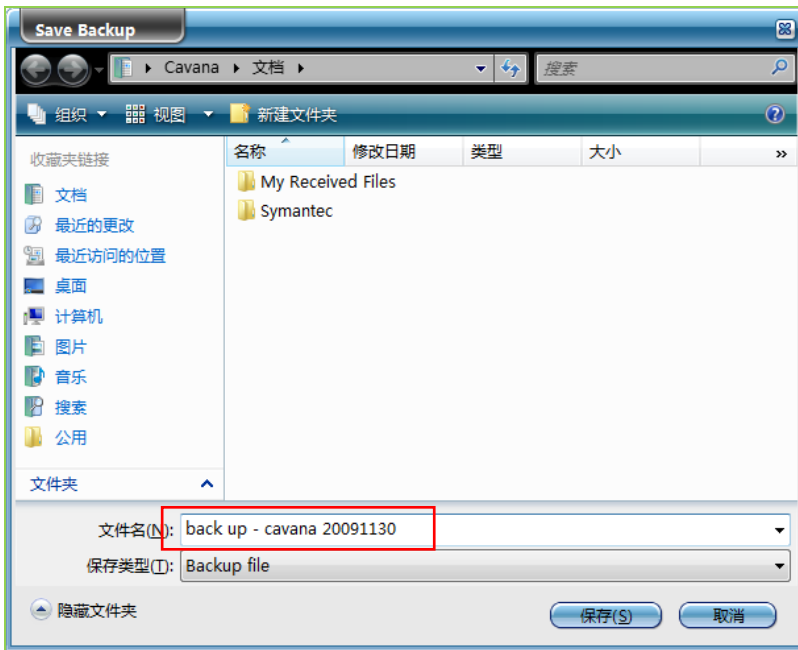



: Click this button to delete all history data. MS01 will ask you to do backup or not before deleting.

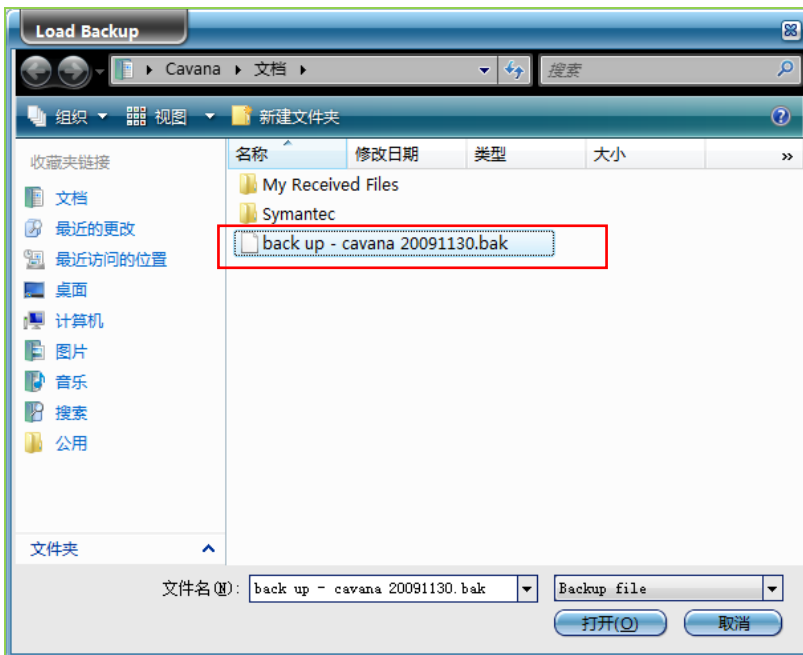


If you choose 'Backup before delete', the history data can be saved to a backup file:

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: Import the saved backup file into MS01.



: Export history to an Excel file.

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A1	A	B	C	D	E	F	G	H	I	J	K
1	GPRS ID	Name	GPS Time	Received	GPS Valid	Latitude	Longitude	Speed	Altitude	Direction	
2	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
3	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
4	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
5	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
6	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
7	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
8	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
9	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
10	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
11	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
12	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
13	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
14	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
15	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
16	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
17	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
18	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
19	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
20	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
21	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
22	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
23	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
24	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
25	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
26	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
27	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
28	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
29	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
30	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
31	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
32	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	
33	88889999	Cavana	2009-12-C	2009-12-C	Invalid	22.542042	114.078780	0.00	0	0	

3.3.2 Alarm Report

The screenshot shows the 'Alarm Query' window with the following search criteria:

- GPRS ID: (blank)
- Type: (blank)
- From: 2009-11-30 00:00:00
- To: 2009-12-01 23:38:16

The table below shows the column headers for the alarm results:

GPRS ID	Name	Alarm Type	GPS Time	Received Time	GPS Valid	Location	Latitude	Longitude	Speed(K
---------	------	------------	----------	---------------	-----------	----------	----------	-----------	---------

You can search result according to different alarm types. Leave it blank to find all alarms.

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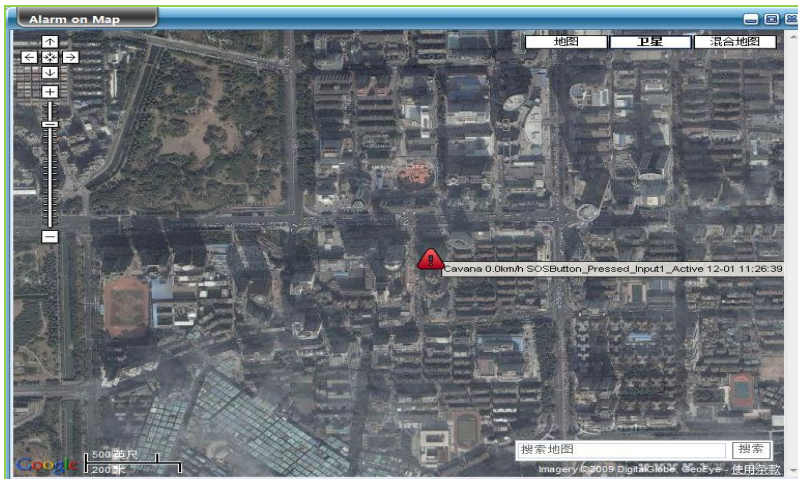
- Type
- SOSButton_Pressed_Input
 - ButtonB_Pressed_Input2_/_
 - ButtonC_Pressed_Input3_/_
 - External_power_cut_alarm
 - Over Speed
 - GeoFence Alarm
 - Low Battery
 - Movement Alarm
 - Turn On Alarm
 - Veer_report
 - ButtonB_Released_Input2_/_
 - ButtonC_Released_Input3_/_
 - Enter GPS Blind Alarm
 - Exit GPS Blind Alarm
 - Input4_Active
 - Input4_InActive
 - Input5_Active
 - Input5_InActive
 - SOSButton_Released_Inp

Alarm Query

GPRS ID: 88889999 Type: From 2009-11-30 00:00:00 To 2009-12-01 23:38:16

GPRS ID	Name	Alarm Type	GPS Time	Received Time	GPS Valid	Location	Latitude	Longitude	Speed
88889999	Cavana	Low Battery	2009-12-01 11:26:39	2009-12-01 11:58:01	Invalid	中国广东省深圳市福田区	22.542042	114.078782	0.0
88889999	Cavana	SOSButton_Pr...	2009-12-01 11:26:39	2009-12-01 11:57:37	Invalid	中国广东省深圳市福田区	22.542042	114.078782	0.0
88889999	Cavana	Low Battery	2009-12-01 11:20:57	2009-12-01 11:20:38	Valid	中国广东省深圳市福田区	22.540145	114.077177	4.8
88889999	Cavana	SOSButton_Pr...	2009-11-30 19:35:35	2009-12-01 11:13:30	Invalid	中国广东省深圳市罗湖区	22.547390	114.129460	0.0
88889999	Cavana	SOSButton_Pr...	2009-11-30 19:35:35	2009-11-30 22:16:36	Invalid	中国广东省深圳市罗湖区	22.547390	114.129460	0.0
88889999	Cavana	SOSButton_Pr...	2009-11-30 09:40:24	2009-11-30 09:43:35	Invalid	中国广东省深圳市福田区	22.541935	114.078460	0.0
88889999	Cavana	SOSButton_Pr...	2009-11-30 09:15:36	2009-11-30 09:15:27	Valid	中国广东省深圳市福田区	22.540002	114.079605	0.2
88889999	Cavana	SOSButton_Pr...	2009-11-30 09:09:52	2009-11-30 09:09:43	Valid	中国广东省深圳市福田区	22.541502	114.078405	0.2

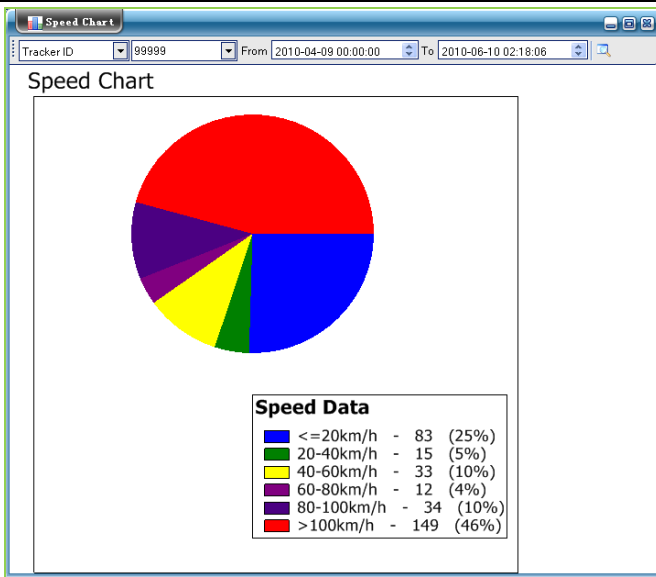
Double click each alarm to show its location on map in a new window.



3.3.3 Speed Report (Pie Chart)

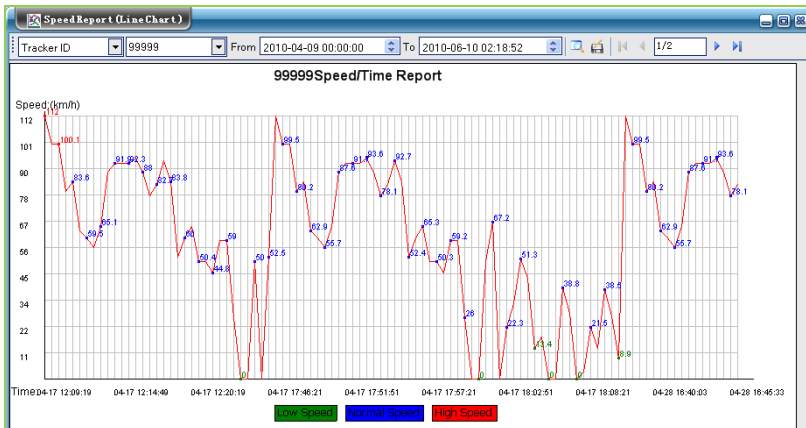
Select a device and set the time range and then click the 'Search' button to start searching. The pie chart will show the proportion of speed during this period. This report is for monitoring the driver's driving habit of speeding.

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3.3.4 Speed Report (Line Chart)

Select a device and set the time range and then click 'OK' to start search. The line chart will show the speed during this period



3.3.5 Parking Report

Select a device and set the time range. Then click "🔍" to start search. This report shows the period of time of each parking. When the speed is lower than 10km/h for over 3 minutes, it will be reported as a parking.

Parking Report


Tracker ID: 99999 From: 2010-04-09 00:00:00 To: 2010-06-10 02:20:10 Parking Time: 0:10:00

Device ID	Tracker Name	Start	End	Period of Time	Latitude	Longitude
99999	13725566361	2010-04-17 14:19:19	2010-04-17 14:42:19	0h23m0s	22.56131	114.090688
99999	13725566361	2010-04-28 17:35:03	2010-04-28 18:03:33	0h28m30s	22.542167	114.078188

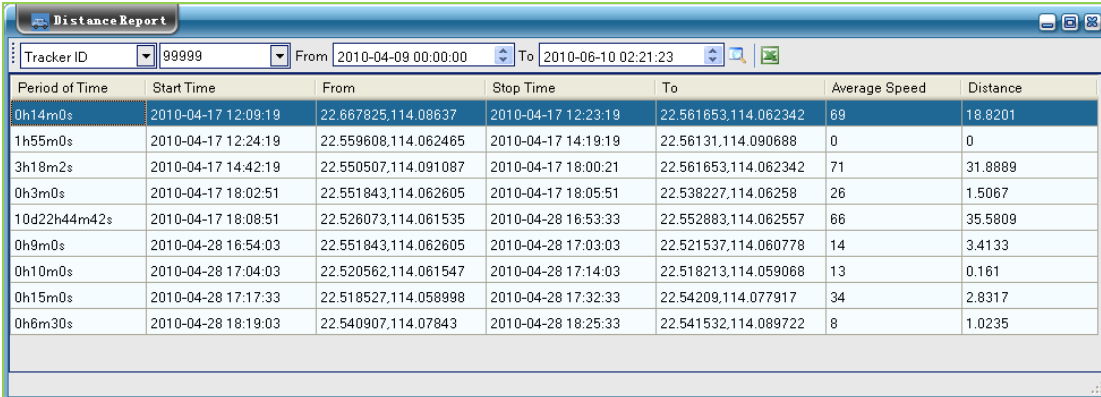
You can define the parking time with minimum 3 minutes for search.

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3.3.6 Distance Report


Select a device and the time range. Then click “” to start search. This report shows the distance and the average speed between every two parking spots.

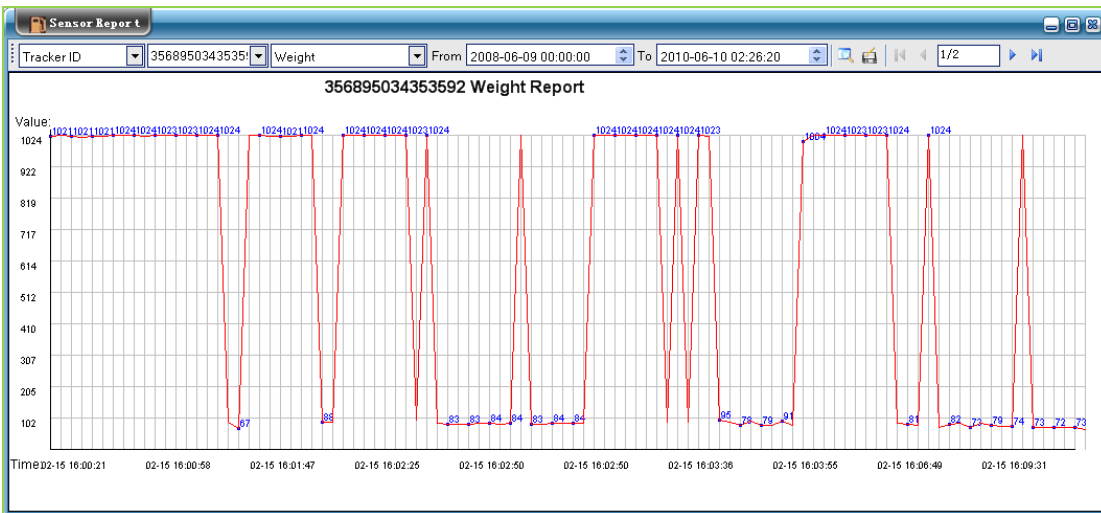
Note: The parking spot is decided by the speed. When the speed is lower than 10km/h for over 3 minutes, it will be reported as a parking.



Period of Time	Start Time	From	Stop Time	To	Average Speed	Distance
0h14m0s	2010-04-17 12:09:19	22.667825,114.08637	2010-04-17 12:23:19	22.561653,114.062342	69	18.8201
1h55m0s	2010-04-17 12:24:19	22.559608,114.062465	2010-04-17 14:19:19	22.56131,114.090688	0	0
3h18m2s	2010-04-17 14:42:19	22.550507,114.091087	2010-04-17 18:00:21	22.561653,114.062342	71	31.8889
0h3m0s	2010-04-17 18:02:51	22.551843,114.062605	2010-04-17 18:05:51	22.538227,114.06258	26	1.5067
10d22h44m42s	2010-04-17 18:08:51	22.526073,114.061535	2010-04-28 16:53:33	22.552883,114.062557	66	35.5809
0h9m0s	2010-04-28 16:54:03	22.551843,114.062605	2010-04-28 17:03:03	22.521537,114.060778	14	3.4133
0h10m0s	2010-04-28 17:04:03	22.520562,114.061547	2010-04-28 17:14:03	22.518213,114.059068	13	0.161
0h15m0s	2010-04-28 17:17:33	22.518527,114.058998	2010-04-28 17:32:33	22.54209,114.077917	34	2.8317
0h6m30s	2010-04-28 18:19:03	22.540907,114.07843	2010-04-28 18:25:33	22.541532,114.089722	8	1.0235

3.3.6 Sensor Report

Select a device, sensor name and the time range. Then click “” to start search. See below an example of report for fuel sensor. The calculation of the fuel sensor can be defined under “Settings” → “IO Customized”.



3.4 Help


3.4.1 Register

If your MS01 is not registered, it will show ‘Unregistered X Days Remaining’ on the title. Trial version can only be used for seven days.



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Click Register under Help.



The 'Registration' dialog box contains two input fields. The 'PC Code' field is filled with 'A8B46F10'. The 'Licence Code' field is empty. At the bottom, there are 'Register' and 'Cancel' buttons.

Write down the PC code and send it back to us for getting the License Code.

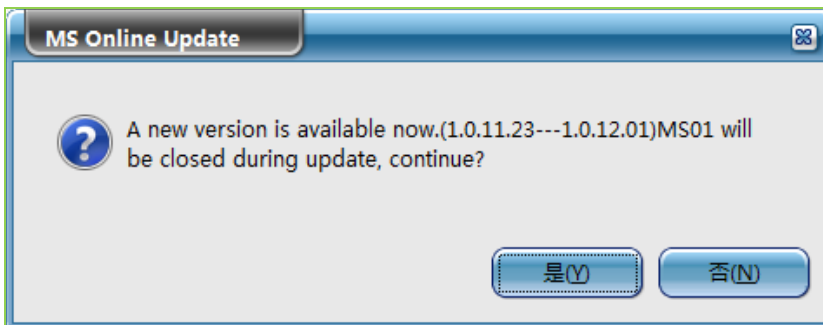
If the MS01 is already registered, the following window will be shown:



The 'MS01' dialog box displays an information icon and the text 'Already registered!'. A '确定' (OK) button is located at the bottom.

3.4.2 Online Update

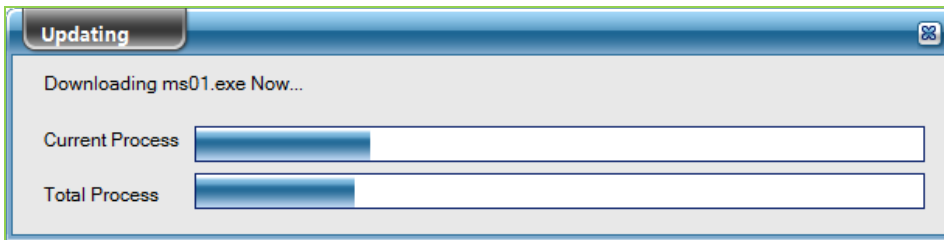
If a new version of MS01 is detected, the following window will pop up to ask you to update the software:



The 'MS Online Update' dialog box contains a question mark icon and the text: 'A new version is available now.(1.0.11.23---1.0.12.01)MS01 will be closed during update, continue?'. At the bottom, there are two buttons: '是(Y)' (Yes) and '否(N)' (No).

Click 'Yes' to update.

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MS01 will be close before update starts and you need to log in again after update complete.

3.4.3 About

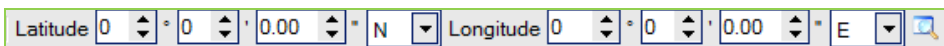


3.5 MS01 Main Window

3.5.1 Command Bar



Shortcuts for Change Password, Device, User, Communication Settings, Options, History Report and Alarm Report.



Type manually latitude and longitude here for finding location.

Note: Format: degrees/minutes/seconds. It's the same format with the coordinates you receive by SMS.



3.5.2 Status Bar

Status shows details of each location.

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Name	MVT600测试机	Longitude	0.000000	Speed	0.0km/h
Tracker ID	356896030380423	Latitude	0.000000	Direction	North
SIM No	356896030380423	GPS Valid	Invalid	Altitude	0m
GPS Time	2009-02-15 08:24:04	Received	2010-05-06 18:55:04	Others	Fuel Level 100%
RunTime	0d6h24m1s	Journey(m)	0		Weight 1024
Location	基站定位位置:中国广东深圳市福田区振华西路3号				
					Car Door Close
					Car Brake Close

Alarms shows alarm information you received.

GPRS ID	Alarm Type	GPS Time	Received Time	Location
88889999	Low Battery	2009-12-01 11:26:39	2009-12-01 11:58:01	中国广东省深圳市福田区
88889999	SOSButton_Pressed_Input1_...	2009-12-01 11:26:39	2009-12-01 11:57:37	中国广东省深圳市福田区

Reports shows all reports from the device such as online, offline, location, etc.

```

2009-12-01 11:58:40:Received data from Tracker 88889999
2009-12-01 11:58:28:Received data from Tracker 88889999
2009-12-01 11:58:19:Received data from Tracker 88889999
2009-12-01 11:58:10:Received data from Tracker 88889999
2009-12-01 11:58:03:Received data from Tracker 88889999
2009-12-01 11:58:02:Received alarm from Tracker 88889999
2009-12-01 11:57:47:Received data from Tracker 88889999
2009-12-01 11:57:39:Received data from Tracker 88889999
2009-12-01 11:57:39:Received data from Tracker 88889999
2009-12-01 11:57:39:Received alarm from Tracker 88889999
2009-12-01 11:57:18:Received data from Tracker 88889999
  
```

Status Bar shows the latitude and longitude of the map center and the status of the COM Port and GPRS.

Location: Latitude:22.578352 Longitude:114.111214 | State COM Port: Closed GPRS: Start

3.5.3 Control Panel

Control Panel can be accessed by administrator only. On Control Panel you can send commands to the trackers by GPRS or SMS (SMS Modem RT200 is required for sending SMS commands).

There are two different communication protocols integrated in MS01 for different models. Please select the right model (protocol) for the device.

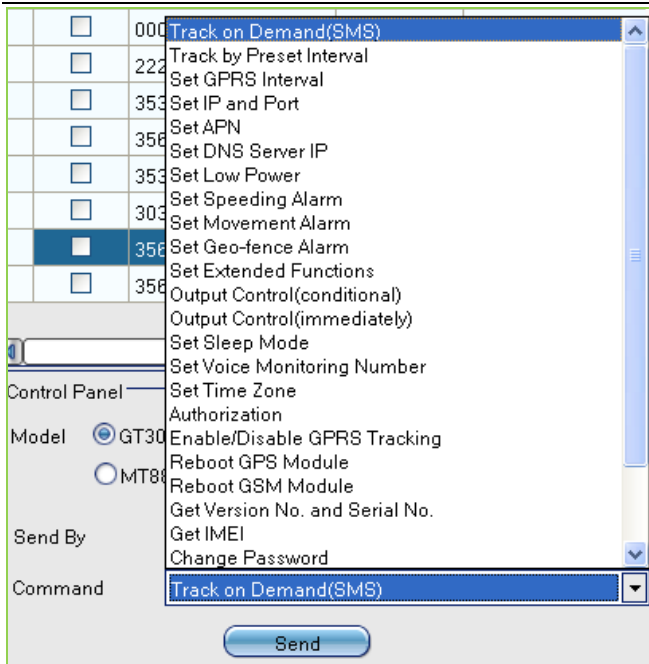
Control Panel

Model GT30/GT30X/VT300/VT310/MT80/VT400
 MT88/MVT100/MVT340/MVT380/MVT600

Send By GPRS SMS

Command

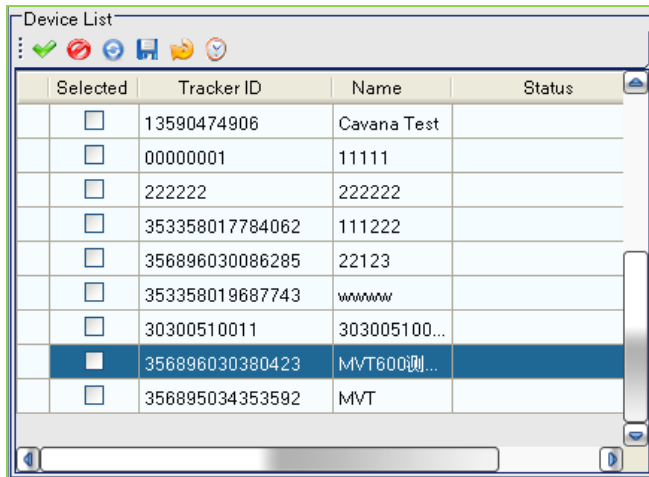
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Note: Before sending commands, please select one or more devices (same protocol) under Device List.

Please refer to user manual of each tracker for more details and descriptions of the GPRS and SMS commands.

3.5.4 Device List



Icon Descriptions:

- : Select all devices.
- : Unselect all devices.
- : Refresh device list.
- : Save the device(s) you selected to a 'group' and to be used next time for sending commands for same devices.
- : Open the 'group' you saved.

In Device List:

Column 1: It will display an icon when there is new alarm coming in. In normal mode, a siren sound will be on for new alarms.

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Click the icon to turn off the sound.

Column 2: Selection Status

Column 3: Tracker ID

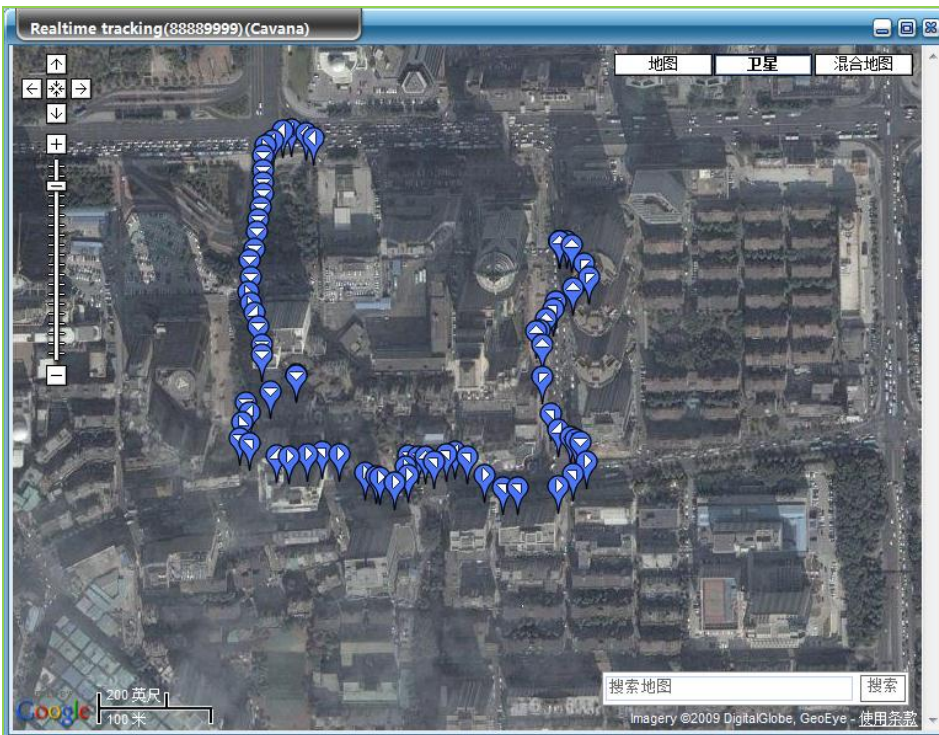
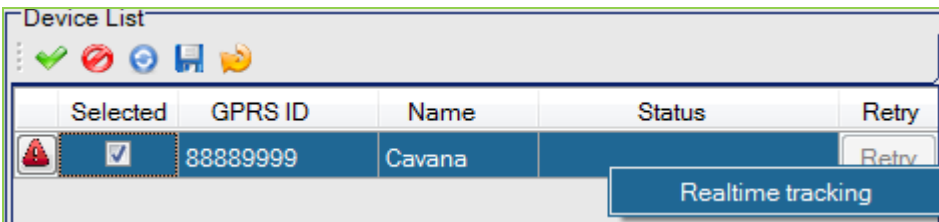
Column 4: Name of the device

Column 5: Status of sending GPRS/SMS commands

Column 6: If commands couldn't be sent you, click 'Retry' button to resend the command.

3.5.5 Real-time Tracking

On Device List, right click the mouse on each device to do real-time tracking on a new window.



New location is continuously displayed on the map.

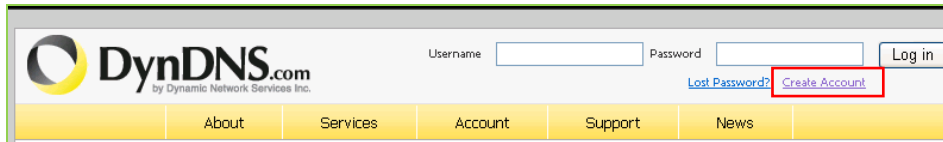
For all models, where there is no GPS signal, the device can get location based on GSM station. As it is only GSM-assisted, the real location of the device would be somewhere inside the circle as the example shows below.

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4 Annex: DynDNS

Please go to website: www.dyndns.com and create an account first as below picture shows:



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Create an account or log in to continue

Username:
Password:
Confirm password:
Email:
Confirm email:
Subscribe to:
 DynDNS.com newsletter (1 or 2 per month)
 Dyn Inc. press releases
 Remove HTML formatting from email

Security Image:
 Enter the numbers from the above image:

I agree with the [acceptable use policy \(AUP\)](#) and [privacy policy](#).

Already Registered?

Username
Password

[Forgot your password?](#)

One more step to go...

We've sent an email to cavana.cheung@meitrack.com, to verify your account. Please check your inbox and click on the confirmation link.

If you do not receive the email in the next few minutes you can try [resending it](#).

Thanks for choosing DynDNS.com!

Check your email to click on the confirmation link sent by DYNDNS to verify your account.

Your DynDNS.com Account 'meitrack' has been created. You need to visit the confirmation address below within 48 hours to complete the account creation process:

https://www.dyndns.com/account/confirm/yCe36H1ExST_Vf2fB4wYTg

Our basic service offerings are free, but they are supported by our paid services. See <http://www.dyndns.com/services/> for a full listing of all of our available services.

If you did not sign up for this account, this will be the only communication you will receive. All non-confirmed accounts are automatically deleted after 48 hours, and no addresses are kept on file. We apologize for any inconvenience this correspondence may have caused, and we assure you that it was only sent at the request of someone visiting our site requesting an account.

Sincerely,
 The DynDNS.com Team
 Dynamic Network Services Inc.

Then log in DynDNS' homepage:

File Name:	MEITRACK MS01 User Guide	Creator:	Cavana Cheung
Project:	GPS Tracking System	Creation Date:	2009-12-24
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Click on 'Service'

And then 'Dynamic DNS'

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DynDNS.com by Dynamic Network Services Inc. Logged In User: meitrack
[My Cart](#) [My Services](#) [Log Out](#)

About Services Account Support News

Services

Domain Services
 MailHop Services
 DNS Reliability
 Dynamic DNS Pro
 Internet Guide
 SSL Certificates
 Pricing
 My Cart 0 Items
 NEED HELP? Visit the forum for DynDNS.com topics.
 Search

Services

We offer you superior domain name services (DNS), high quality domain management, world-class e-mail services, web redirection, and network monitoring. All of our services include **free email technical support** where you speak to a highly trained engineer rather than a call center reading a script off of a screen.

[Why DynDNS.com](#) - why you should choose us
[Technology Overview](#) - a peek behind the curtain

Domain Services

Dynamic DNS
 Service to track your dynamic IP address.

Custom DNS
 Our dynamic and static DNS management tool for your own domain.

Domain Registration
 Register new domains or transfer existing ones.

Spring Server VPS
 From Web Servers to Gaming Servers, Spring Server VPS is your answer.

Search

Click Dynamic DNS Free:

DynDNS.com by Dynamic Network Services Inc. Logged In User: meitrack
[My Cart](#) [My Services](#) [Log Out](#)

About Services Account Support News

Services

Domain Services
 Dynamic DNS
 Readme
 How-to
 Dynamic DNS Pro
 Custom DNS
 Domain Registration
 Spring Server VPS
 MailHop Services
 DNS Reliability
 Dynamic DNS Pro
 Internet Guide
 SSL Certificates
 Pricing
 My Cart 0 Items
 NEED HELP? Visit the forum for DynDNS.com topics.

Dynamic DNS Services

Our trademark service designed for users with dynamic IP addresses. Sign up for service today and avoid paying high prices for a static IP.

[Manage My Account](#)
[Pricing Details](#)

Dynamic DNS Pro: Our **premium Dynamic DNS upgrade** provides 25 additional hosts, access to phone support and logging, and [prevents accounts from expiring](#).

Dynamic DNS Free: Our **free DNS tool** with many domains to choose from and integrated URL redirection functionality.

Custom DNS: Dynamic DNS **service for your own domain** (e.g. [www.yourdomain.com](#)) provides **stable, reliable and globally redundant** DNS hosting for personal and business sites.

We also offer [Dynect® Enterprise DNS Platform](#) with high-end features like automatic-falover, anycasting IP for nameservers, and multiple account logins.

Click 'Get Started'

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Dynamic DNS Free

Dynamic DNS Free (DDNS) allows you to create a hostname that points to your home or office IP address, providing an easy-to-remember URL for quick access. We also provide an update mechanism which makes the hostname work with your dynamic IP address. **We continue to offer this service free** to the Internet community as we have done so for **nearly 10 years**.

Capabilities and Features

- Get five (5) hostnames in [88 available domains](#) for free.
- Forward web requests or mark host offline for maintenance or downtime.
- Configure MX records for flexible mail routing.
- Update host using [ddns update clients](#) for a wide variety of platforms.
- Modify DNS TTL values for fast propagation or reliable static IP caching.
- Deliver your DNS records to 5 DNS servers in 5 tier-1 datacenters around the globe.
- Query volume up to 648,000 queries/month

Our **free industry-leading e-mail support** is ready to help you setup your dynamic or static DNS so you can host a website, remotely connect to your machine, and run a mail server. We also offer other premium features with our [Dynamic DNS Pro](#) service.

Create a hostname and its postfix. IP address can be automatically created by clicking the link below.

Note: This IP address should be set to the tracker.

Add New Hostname

Note: You currently don't have any active [Dynamic DNS Pro upgrades](#) in your account. You cannot use some of our Host Service features. Paying for a Dynamic DNS Pro upgrade will make this form fully functional and will add several other features.

Hostname: .

Wildcard Status: Disabled [[Want Wildcard support?](#)]

Service Type: Host with IP address [[?](#)]
 WebHop Redirect [[?](#)]
 Offline Hostname [[?](#)]

IP Address:
[Use auto detected IP address 61.141.98.93](#)
TTL value is 60 seconds. [Edit TTL.](#)

Mail Routing: Yes, let me configure Email routing. [[?](#)]

Click 'Add To Cart'.



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The screenshot shows the DynDNS.com Shopping Cart page. The user is logged in as 'meitrack'. The page title is 'Shopping Cart'. A message states: 'meitrack.dyndns.info added to cart. You must checkout to activate.' Below this, it says 'Your cart contains free services only. You will not be asked for credit card information.' There is an 'Upgrade Options' section with a yellow background, explaining that free accounts allow only five Dynamic DNS hosts and offering additional benefits for a \$15.00 annual fee. A table lists the items in the cart: 'meitrack.dyndns.info' with a price of \$0.00. A coupon code field is present with an 'Add Coupon' button. The 'Sub-Total' and 'Order Total' are both \$0.00. A 'Next >>' button is highlighted with a red box.

Click 'Next'.

Click 'Activate Services' to activate the hostname.

The screenshot shows the DynDNS.com 'Free Services Checkout' page. The user is logged in as 'meitrack'. The page title is 'Free Services Checkout'. A message states: 'Once you have confirmed the contents of your cart your services will be instantly activated.' A table lists the items in the cart: 'meitrack.dyndns.info' with a price of \$0.00. The 'Sub-Total' is \$0.00. An 'Activate Services >>' button is highlighted with a red box. There is a link to 'view our refund policy' and a McAfee SECURE logo.

The following window will be displayed once the hostname is activated.

The screenshot shows the DynDNS.com 'Host Services' page. The user is logged in as 'meitrack'. The page title is 'Host Services'. A message states: 'meitrack.dyndns.info successfully activated.' Below this is a table with columns: 'Hostname', 'Service', 'Details', and 'Last Updated'. The table contains one row: 'meitrack.dyndns.info', 'Host', '61.141.98.93', and 'Nov. 27, 2009 3:38 AM'. There are links for 'Add New Hostname' and 'Host Update Logs'.

Click Services> Dynamic DNS-> Dynamic DNS Free

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[Get Started](#)
[Manage Hosts](#)

Screenshot

Capabilities and Features

- Get five (5) hostnames in [88 available domains](#) for free.
- Forward web requests or mark host offline for maintenance or downtime.
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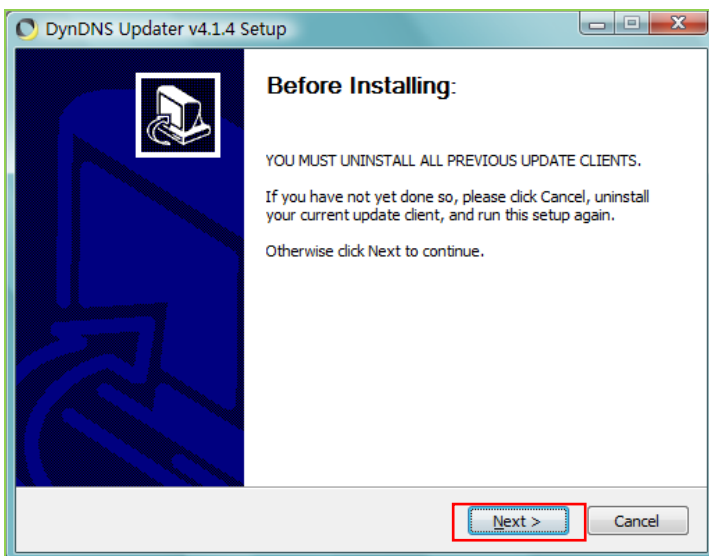
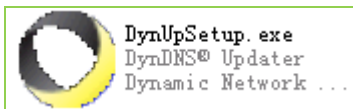
Then click on the link 'ddns update clients' and then 'Download Now' to download 'DynDNS Update Clients'.

DynDNS Update Clients

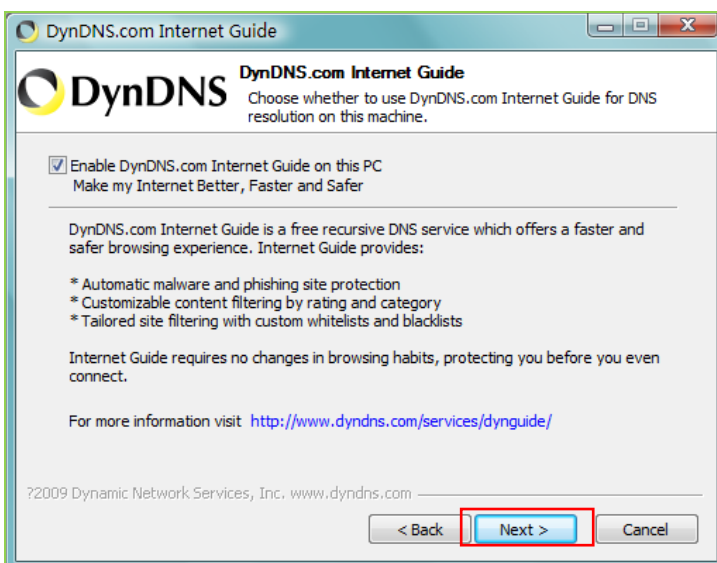
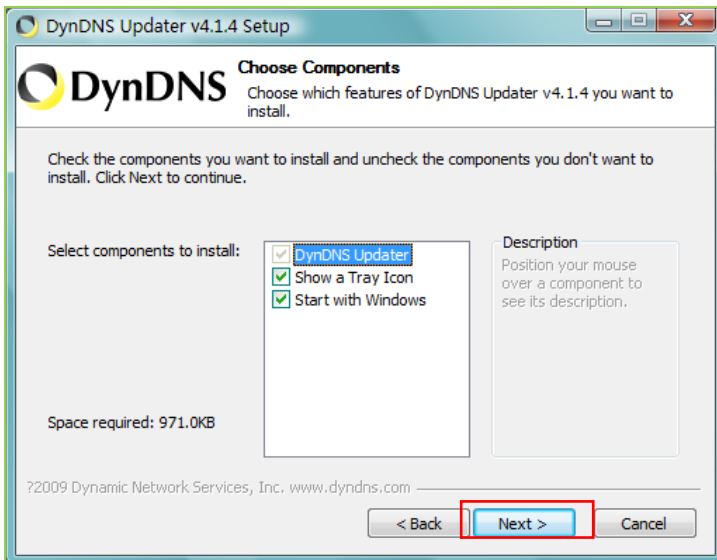
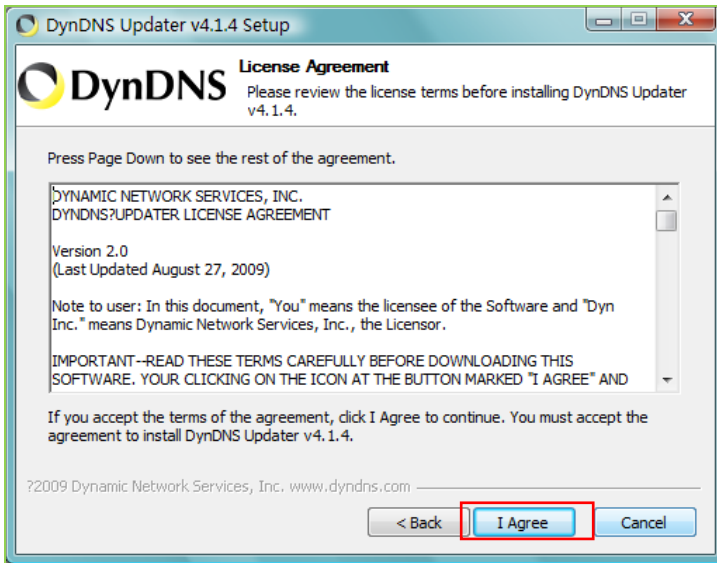
- [What is an update client?](#)
- [Why do I need one?](#)
- [Which update clients are available?](#)
 - [Windows](#)
 - [Macintosh/OS X](#)
 - [Linux/Unix](#)
 - [Hardware Devices](#)
- [Why am I being blocked for abusive updates?](#)

Download Now
DynDNS® Updater (4.1.4)
Windows 2000, XP, Vista, 7
(incompatible with Windows Server 200x)

When download is complete, run 'DynUpSetup.exe'.

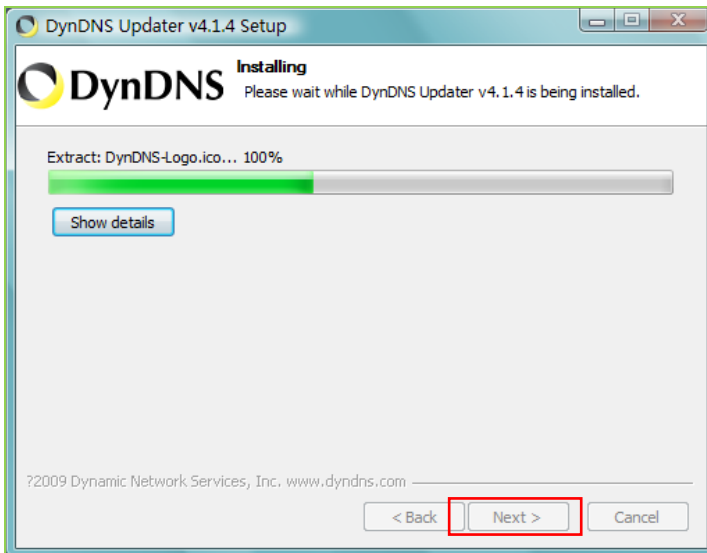
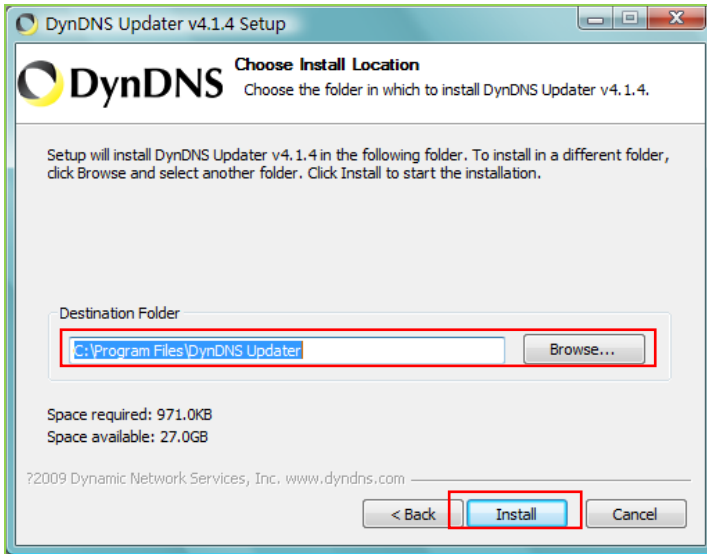


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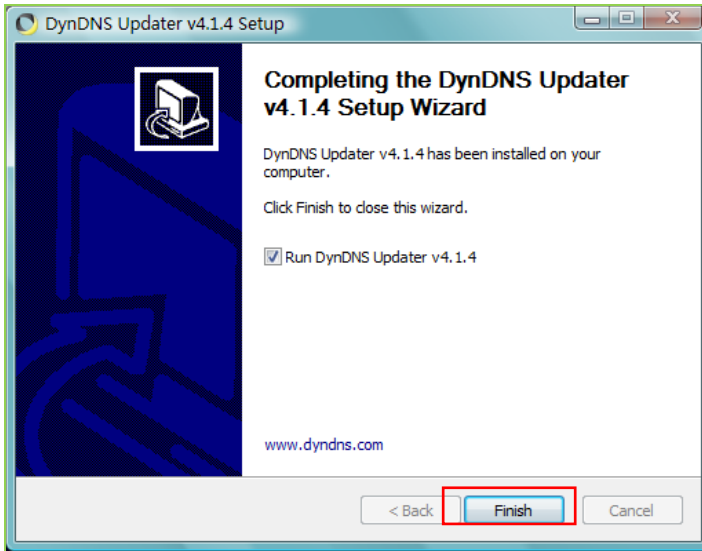
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Select a destination folder:

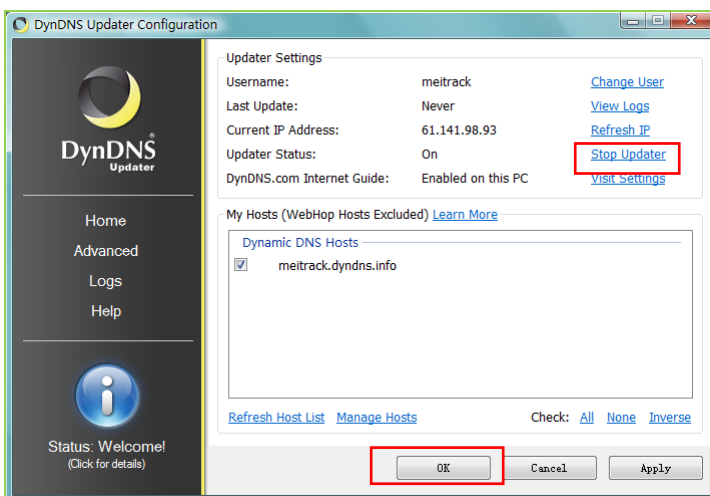
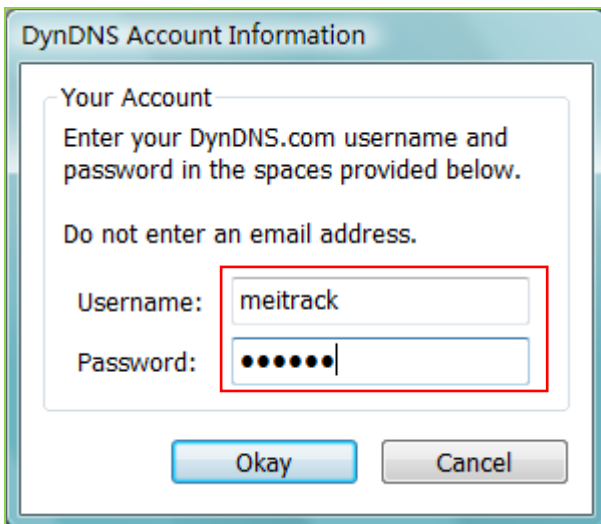


Installation completes:

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Click 'Finish' to log in.



Click the OK button to minimize it to tray.

If no data is received, click 'Stop Updater'. When it changes into 'Start Updater', it will refresh DNS.