TZ-GTM01 User Guide

DIY low cost control center

Version 2.0

TzoneTrack DIY Call Center System

DIY your tracking!!!

DIY !!! Build your control center system on your PC
Easily and at low cost
Live and Real-time

Overview

This DIY system was specially developed for Tzone GPS Trackers. With this application software, + Tzone GPS Tracker, +TZ-GTM01 SMS Decoder Modem , you will be able to use your own PC to track the position of your loved one without the need of a call center. For example, you can use this system to monitor your child, the elders, the pets, your car, or the assets installed with our GPS Tracker - live and real-time. Without any payment to the call center.

This application software enables you to use Google Earth to track your vehicle(s) LIVE & Real-Time in office or home by your own PC; without the call center. It can also replay the historical route(s) afterwards.

Features:

1 Build your own control center system at very low cost
2 DIY your tracking, and Without any payment to center service
2 Easily support up to 1000 GPS Trackers
3 Support the trace storage and replay.
4. Living and Real time
5. Easily use, a good choice for small enterprise, home, small group

Version of TzoneTracker is recommended and available

1 Personal Version
2 SOHO Version
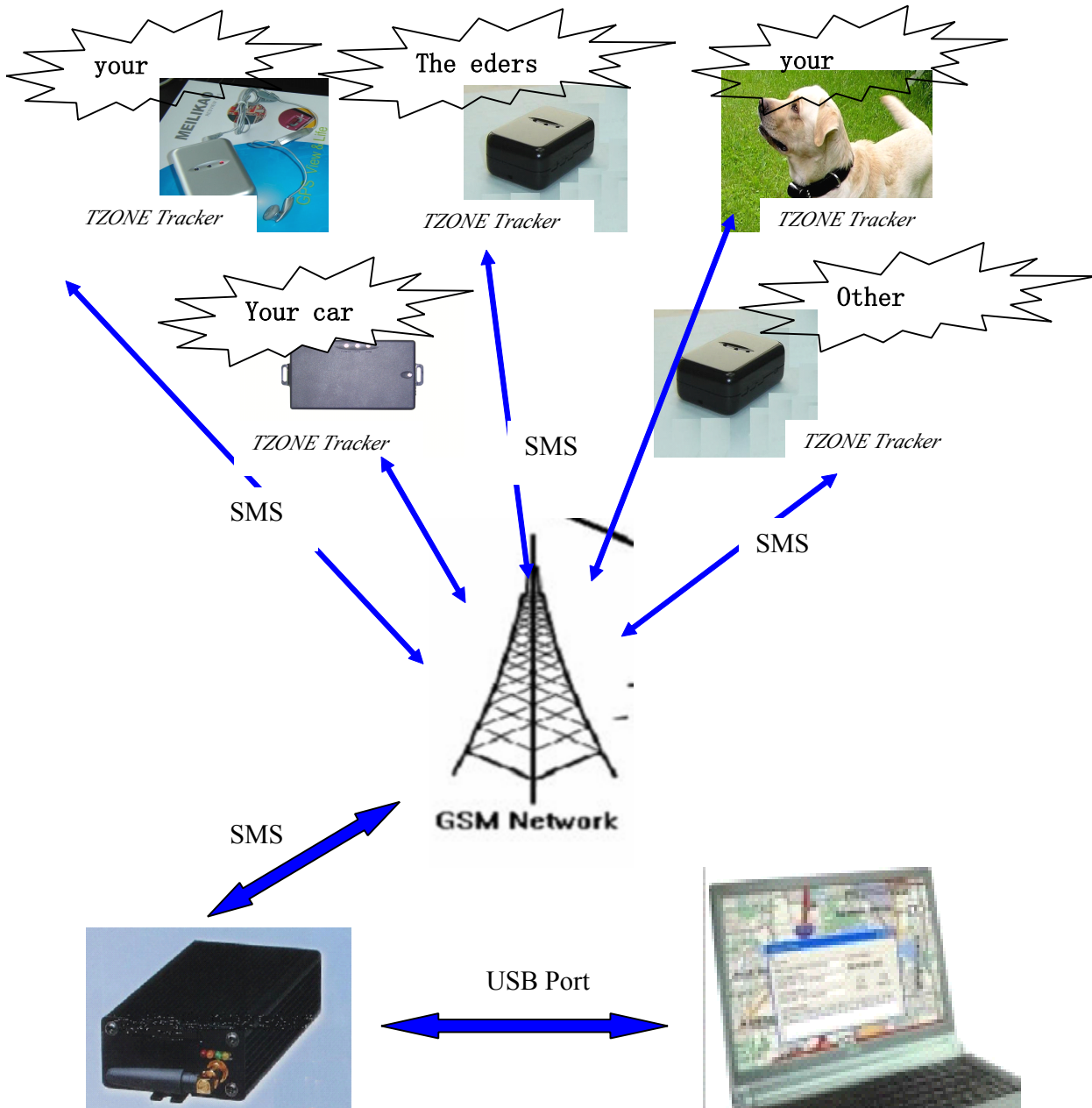3 Small Enterprise Version

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To build the DIY call center system, You NEED:

---- (very low cost)

(1) Google Earth   (download from http://earth.google.com)
     Or any other navigation map software (PC version)

(2) one PC

(3) TZ-GTM01 SMS Decoder modem (provided by Tzone GPS)

(4) TrackMaker software on PC (provided by Tzone GPS)
      Or Goops ---

(5) Some Tzone GPS Tracker   (provided by Tzone GPS)

Architecture

your

The eders

your

TZONE Tracker

TZONE Tracker

TZONE Tracker

Your car

Other

TZONE Tracker

TZONE Tracker

SMS

SMS

SMS

SMS

GSM Network

SMS

USB Port

GTM01 SMS decoder Modem

Any navigation map Software(PC version)	Google earth
Modem TrackMaker software	Goops
COM	USB
SMS	

Step by Step User Guide

Step1   you need to assure

**1 your PC is linking to internet, because google earth can not work well without internet**
2 SIM card have SMS function, and have enough deposit.
3 the OS of your PC is Windows 2000 or Windows XP, Windows XP is suggested.

Step2   copy all files to your hardware from CD in package box.
For example: copy to D:;

Step3   Install TZ-GTM01 modem PL2303 Driver

Open directory G: \PL-2303X_Driver\PL-2303HX_NewVesionDriver
Run PL-2303 Driver Installer.exe. then press next till finish.
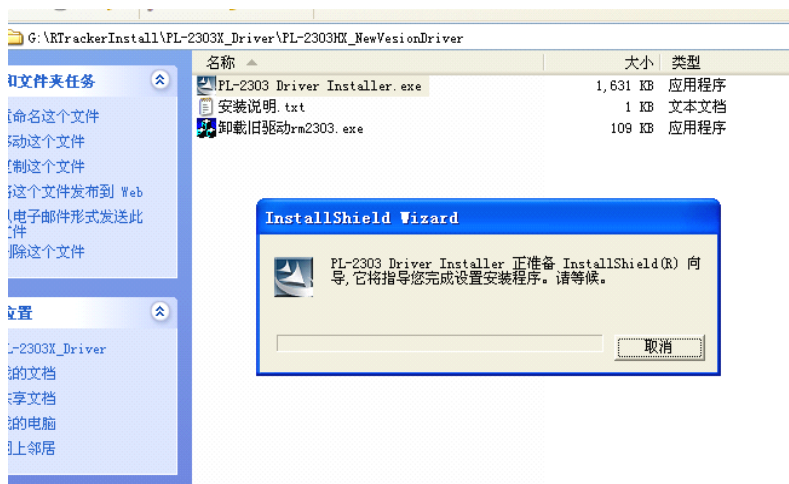
(tip: if you already installed PL2303 driver, you need uninstall it before reinstall it again)
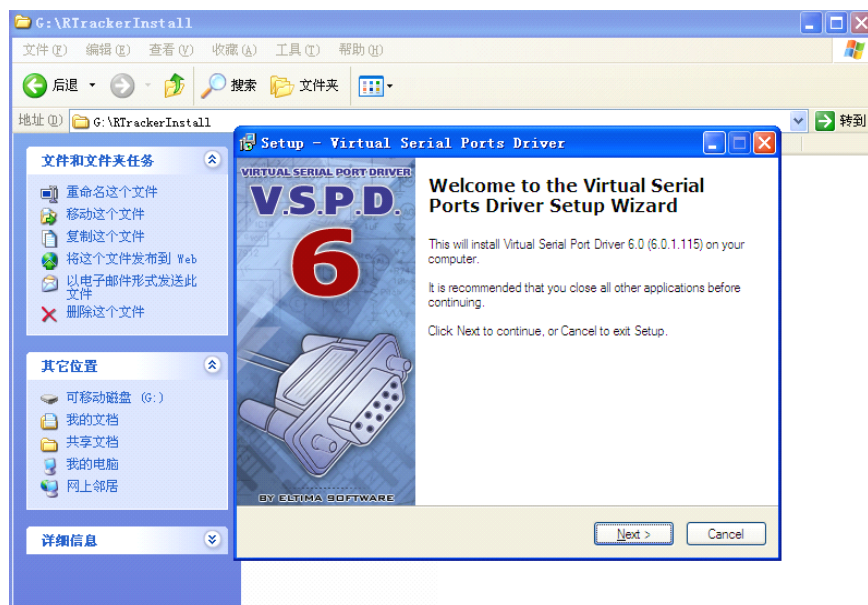
Restart your PC;

At this time，if you connect the TZ-GTM01 Modem to PC, you can find one new COM .
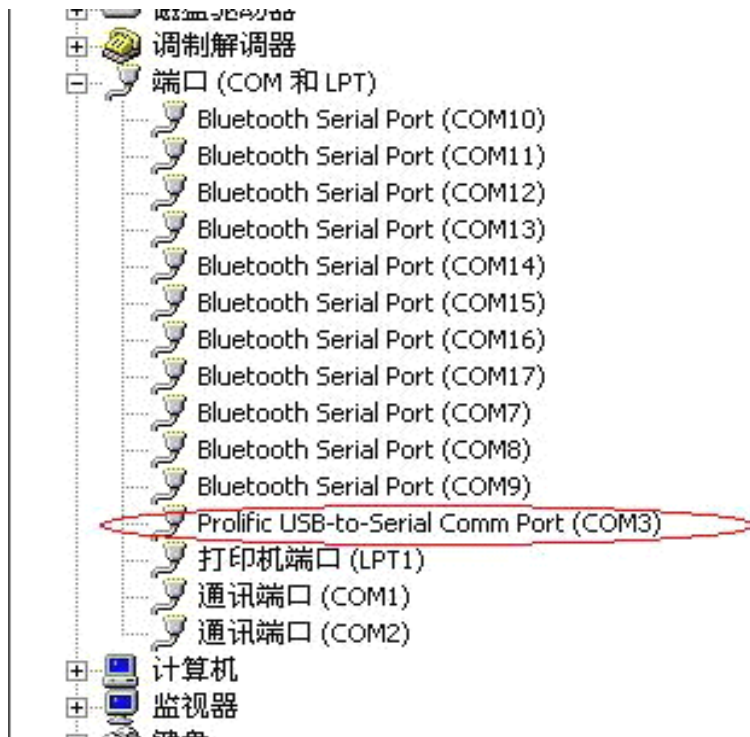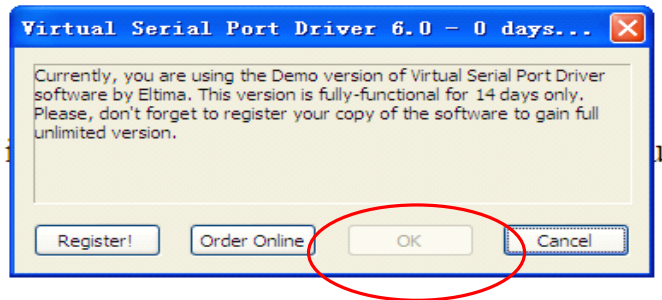
Step4 Install Virtual serial ports driver
        run vspdxp.exe

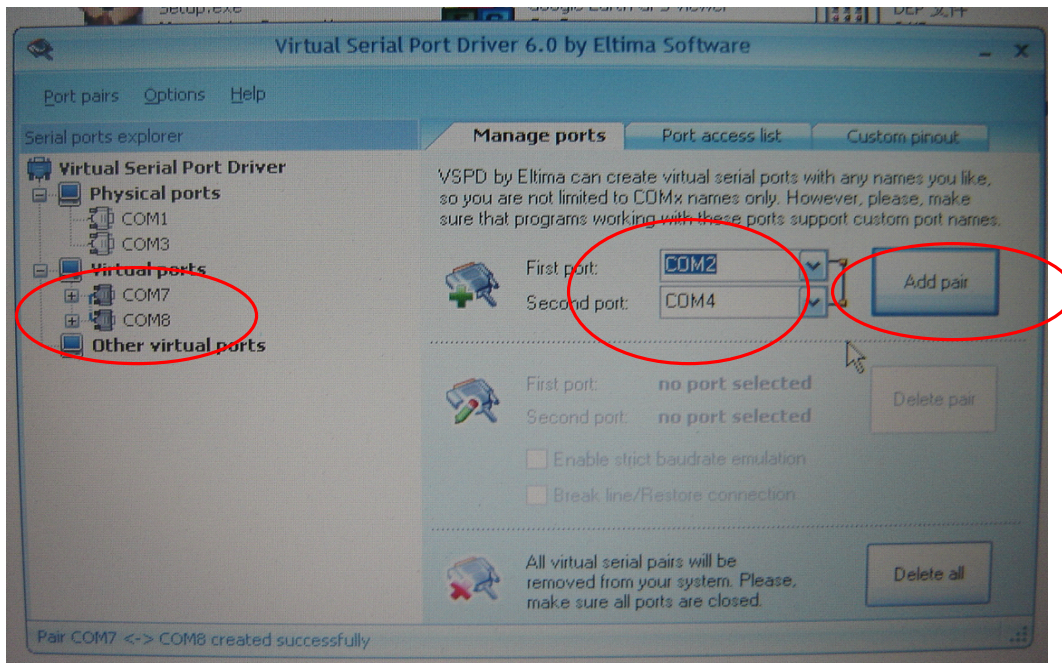Step 5 Create one pair virtual Com port: COM7 -> COM8.

        After completing to install Virtual serial ports driver, you can run this program from Start/program.
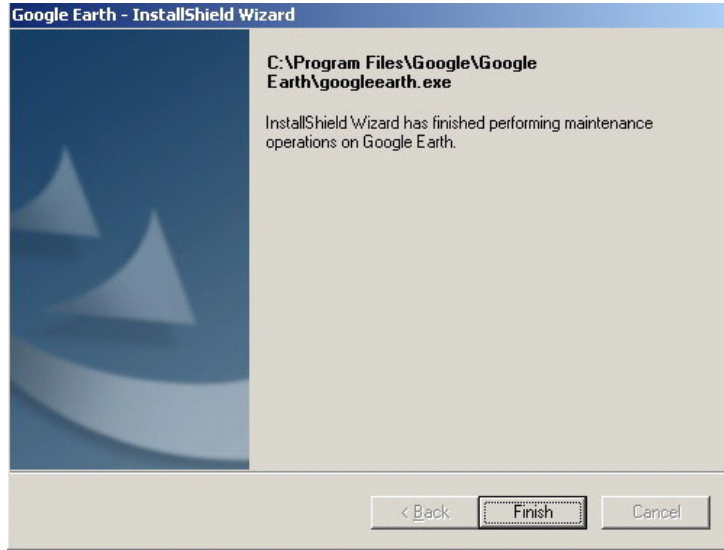
Press the button OK .

Enter the Virtual serial ports driver, chose the first port as COM7 and chose second port COM8, then press button "Add pair",
so you create one pair virtual Com port: "COM7 -> COM8"&"COM8->COM7".
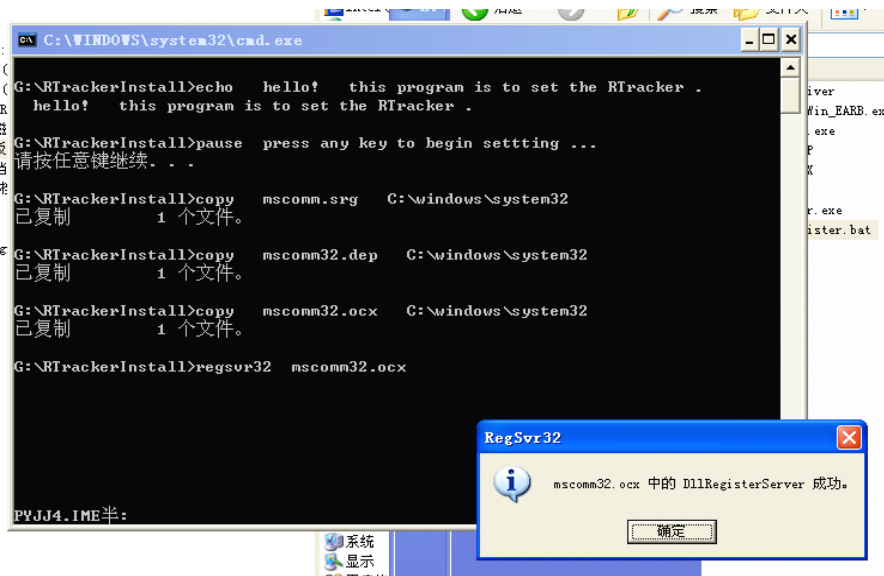

Step6 Install google earth.

Run GoogleEarthWin_EARB.exe

Step 7 Register RTracker on PC

Run G:\ Reg For WIN2K_XP \RTrackerRegister.bat by double click it.

Step8
 insert one SIM card to TZ-GTM01, then PowerOn TZ-GTM01.
and insert another SIM card to GPS terminal(such as GT01 or AVL01), then PowerOn it
connect TZ-GTM01 Modem to your PC by TZ-GTM01 USB cable
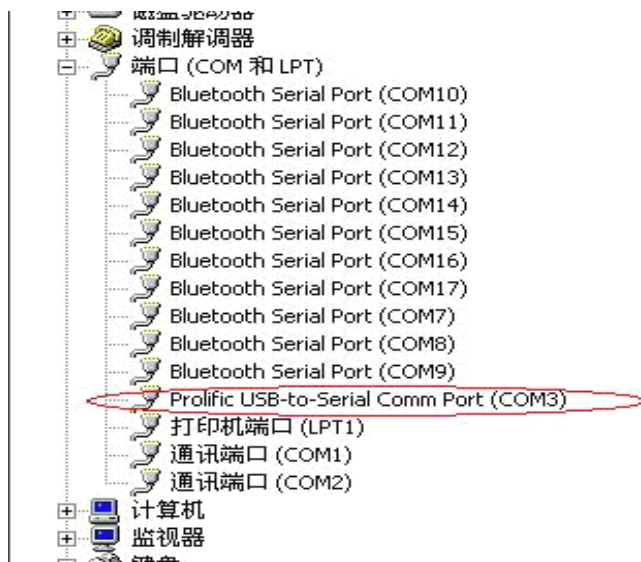
Step9 Get TZ-GTM01 modem Com port number
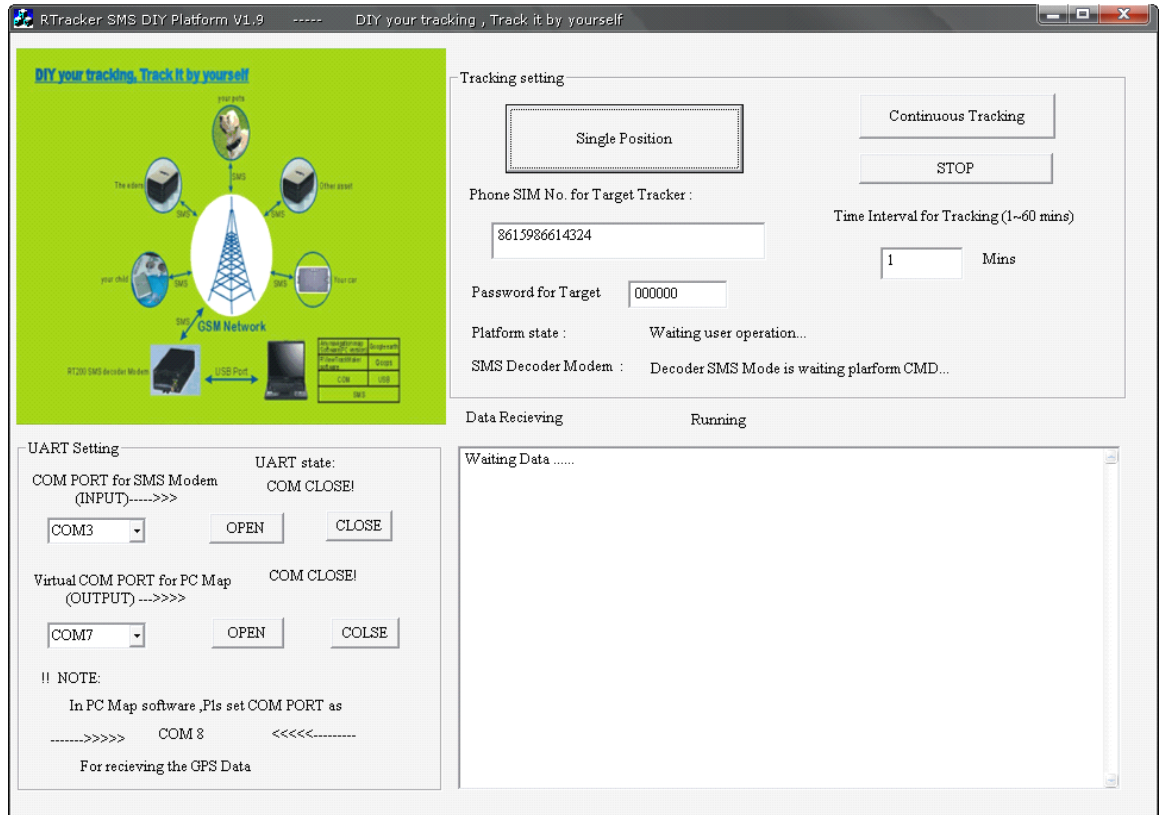
For example :
   In our PC, TZ-GTM01 Com port is COM3.
(note: in your PC, it may be COM4/COM5/COM6………)

Step 10 start Modem_Center.exe
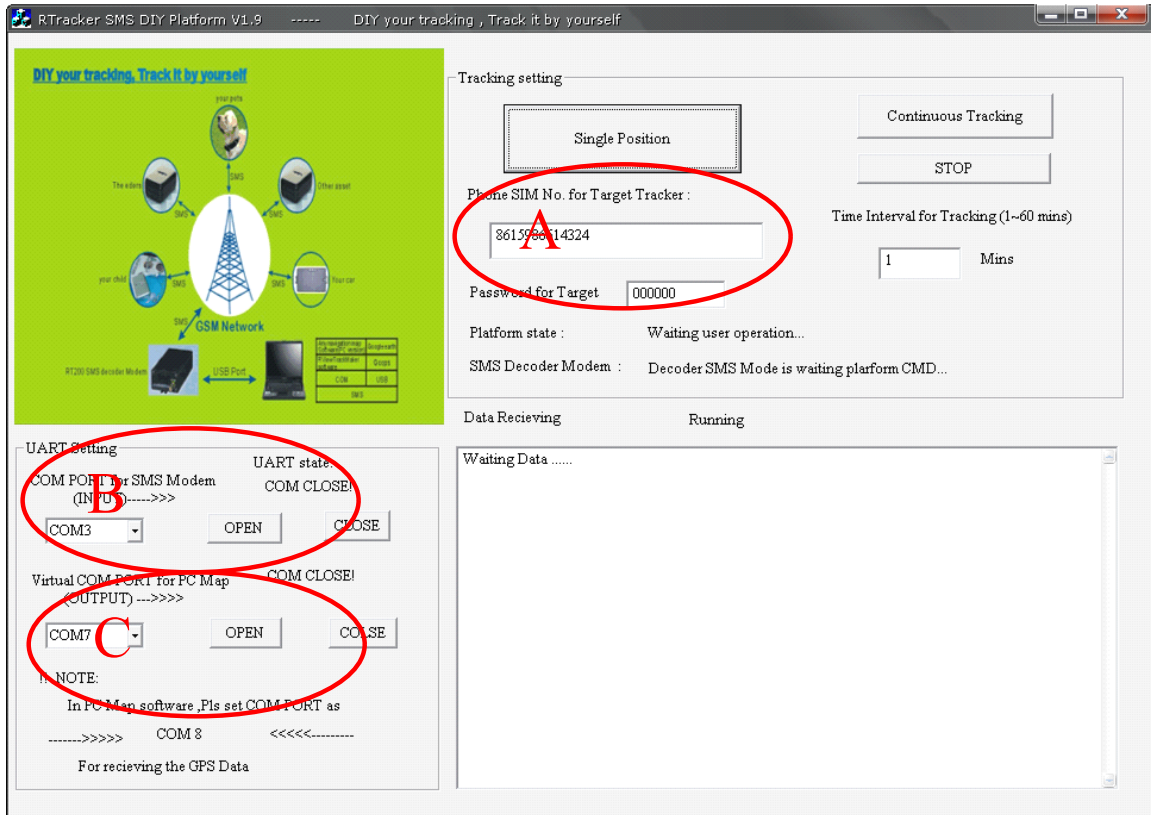
Run Modem_Center.exe

Step 11 Input the parameter of your tracking

    A   Set SIM phone number of Tracker terminal.
    B   Set SMS Modem Com --- COM3
   C   Set GIS Map virtual link com ----- COM7

Step12 Get single position of the tracker terminal.

After completing the input , press the button "Get single position", Press the Open button of the COM PORT for SMS MODEM and the Virtual COM PORT for PC Map

After **3~10minutes**, you will see some incoming GPS data in the display windows.

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Step13 Run G:\goopsV1_9_5.exe
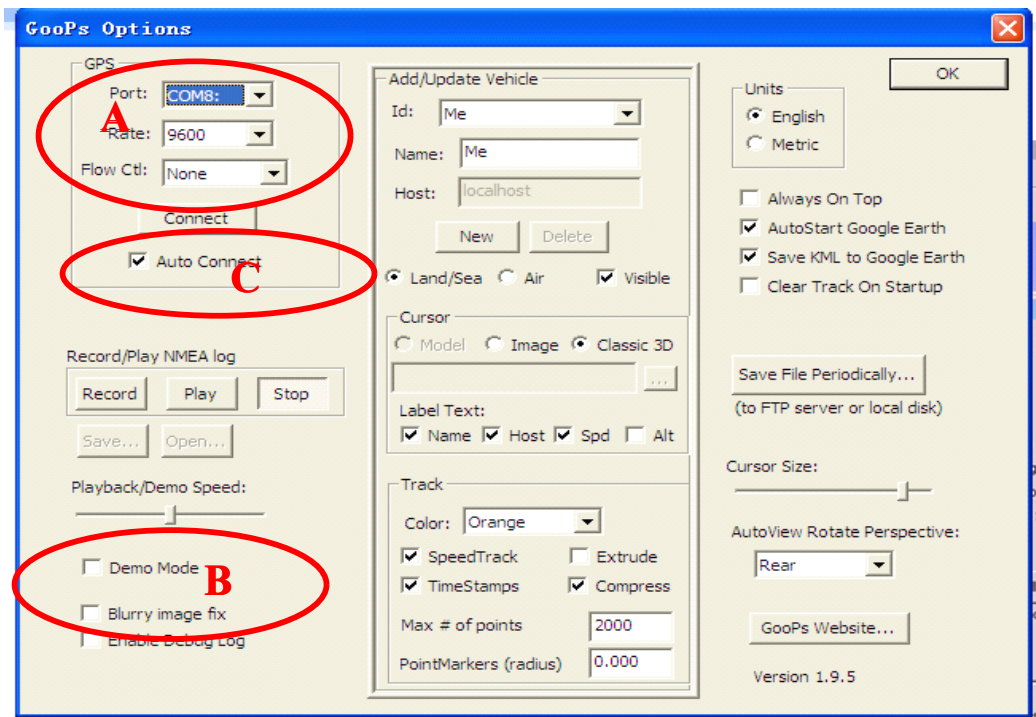   Goops will start google earth at same time.
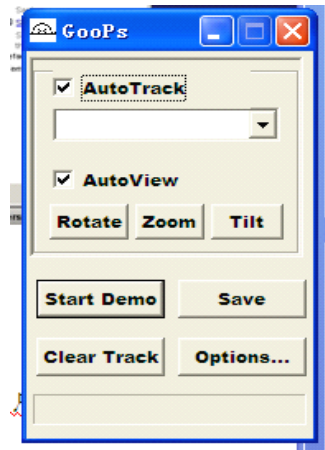
Step14 Set goops Com port

Click options button .

(A) Set GPS com port as COM8, rate :9600.
(B) Assure that NOT chose Demo Mode
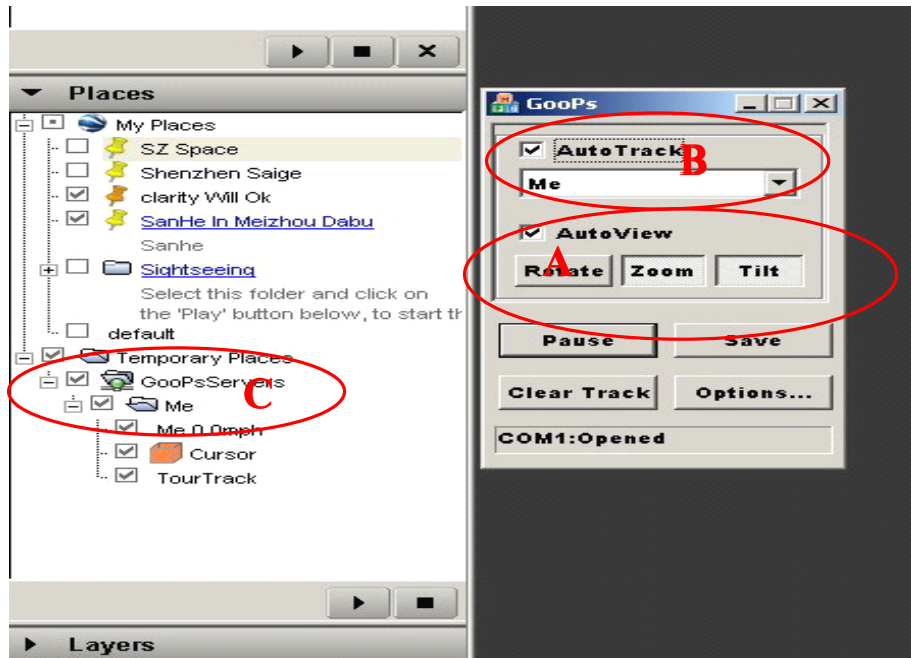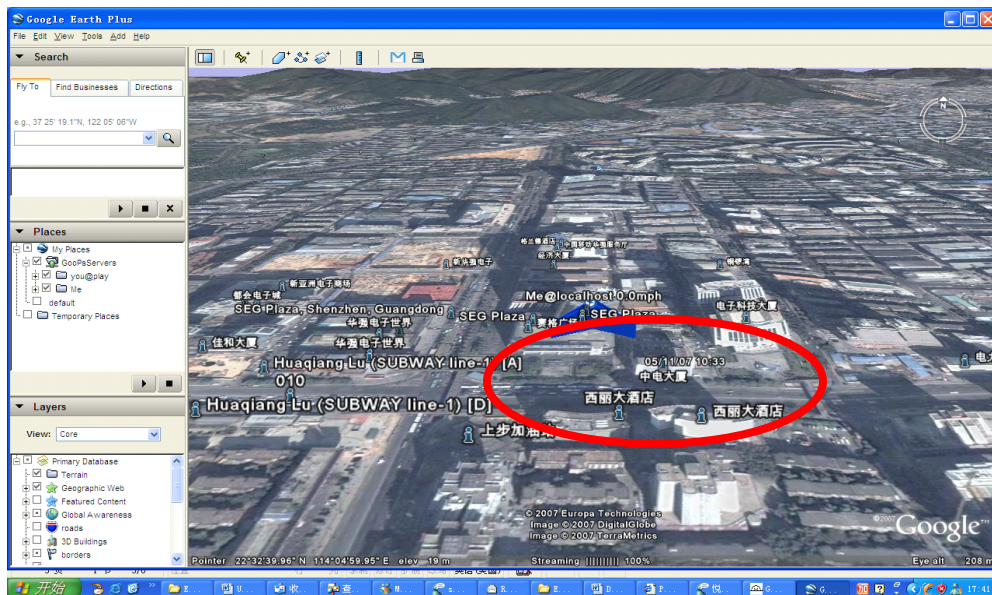(C) Chose Auto connect

Step15 On Goops ,

(A)   press Zoom& Tilt &Rotate button ；

(B)   chose AutoTrack， chose ME ，chose AutoView，

(C)   chose GooPsServers on Google earth.

Step16 After about 1 minutes, google earth can display the current position of one GPS Tracker.

Step17 Continuous Tacking

  You firstly set timer interval of tracking, Press the Open button of the COM PORT for SMS MODEM and the Virtual COM PORT for PC Map, then you press the button "CONTINUOUS TRACKING"

After about 3 minutes, google earth can display the moving trace of one GPS Tracker.

Step18 Using **other navigation map** software instead of Googel earth.

For example , using one Chinese navigation map

You only need to set the GIS map com port as COM8 (rate:9600), all is OK