


# Aspicore GSM Tracker

## Short Setup and Usage Guide

### SETUP

1. **Download the installation program AcGsmTrckr.sis into your phone**
2. Installation starts usually by itself. A new GSM Trckr icon appears into the bottom of the application menu .

More detailed instructions about the SIS file can be found at our web page <http://www.aspicore.com/support/gsmtrckr/>

3. **Make sure you have an Internet Access point in your phone settings.** The access point should use GPRS data stream and TCP/IP protocol. (You may have factory made access points for MMS and WAP, but these do not usually work for general Internet access. Often you must add a new access point, which you can name as "Internet".)

More detailed instructions about the Internet access point can be found at our web page <http://www.aspicore.com/gsmtrackerhelp/v100/gprs.htm>

4. **Test that your GPRS connection works.**  
Use the command "Send GPRS test msg":
  - Start Aspicore GSM Tracker
  - Choose *Options -> GPRS data -> Connect GPRS*
  - Enter the IP address and port number of the test server. (For Aspicore's test server: 217.152.56.226 and 1002).
  - When prompted, select the Internet access point you created at step 3.
  - Choose *Options -> GPRS data -> Send GPRS test msg*
  - Use a browser to check that the test message has reached the server. (Aspicore's server is at <http://www.toimii.com/gps/gprstest/>)

More detailed instructions about testing the GPRS connection can be found at our web page <http://www.aspicore.com/gsmtrackerhelp/v100/diagnostics.htm#GPRStest>

5. Add your Bluetooth GPS device to the *Paired devices* list of your phone:
  - Switch on the Bluetooth GPS device
  - Navigate your phone's menu into *Connectivity -> Bluetooth -> Paired devices*

- Choose *Options* -> *New paired device*
- Select your GPS device from the list and enter the Bluetooth passcode of the device (often 0000 or 0183).
- The phone says *Pairing with xxxx complete*.
- Choose *Exit* -> *Exit*

## 6. Test the GPS connection


- Start Aspicore GSM Tracker
- Choose *Options* -> *Connect GPS*
- Select the name of your GPS device from the Bluetooth device list
- Soon the UTC time and GPS coordinates should appear into the display. Now you know that the GPS connection works.

## 7. Configure the settings

- Start Aspicore GSM Tracker (if not already running)
- Choose *Options* -> *Settings*
- We recommend you to make the following settings:
  - Store GPS BT name: On
  - On startup GPS: On
  - On startup GPRS: On
  - Time trigger: On
  - Time period, min: 30 (or other amount of minutes, if desired)
  - Distance trigger: On
  - Distance, meters: 500
  - GPRS Server IP: 217.152.56.226  
(or whichever is the address of the server you want to use)
  - GPRS Server Port: 1002  
(or whichever is the port number of the server you want to use)
- Choose *Back*


Now you are ready to start using the application Aspicore GSM Tracker!

## **USAGE**


When you arrive nearby to your GPS device, start Aspicore GSM Tracker from the application menu  of your phone.

If the application settings are as recommended above, after a while the program asks you to select access point. Remember always to use the Internet access point and not a MMS or a WAP access point.

The application makes automatically a connection to the Bluetooth GPS, if it is within the BT range (10 meters).

When you see, that the GPS and GPRS are connected, you can put the Aspicore GSM Tracker into the background by pressing the red end key .

Now you can go on using your phone as usual and let Aspicore GSM Tracker to run in the background. You can also lock the keypad.

When you take your phone out of the BT range of your GPS device for long time, it is wise to exit the Aspicore GSM Tracker application to save the phone battery charge level. Press and hold  (Menu key). The application switching window opens showing a list of applications that are currently open. Scroll to GSM Tracker and press to go to it. In Aspicore GSM Tracker press the soft key *Exit*.

### ***Error cases:***

Sometimes a message "CsocketEngine Read Error" may appear in the display for a short time. You don't need to worry about the message. The reason for the message is usually short overload of the GPRS connection. The problem disappears normally by itself after a short break in the GPRS connection, but sometimes the program asks you to reselect the access point.

The phone may set restrictions to the use of several simultaneous Bluetooth connections. For this reason we want to warn you about using a Bluetooth Hands free device or a Bluetooth headset. Start Aspicore GSM Tracker always first and let it make the BT connection to the GPS device before you activate the BT connection between the phone and the Hands free device. If Aspicore GSM Tracker loses the connection to the GPS device (10 meters range), BT Hands free must be deactivated until a BT connection to the GPS device gets successfully re-established.

More information: [www.aspicore.com](http://www.aspicore.com)