

Aspicore GSM Tracker

Usage Instructions

Tracking a route

Turn on your Bluetooth GPS device, if not already powered up.

Start GSM Tracker.

When you see, that the GPS and the cellular packet data are connected, you can put the GSM Tracker into the background by pressing *Options / Hide* or you can lock the keyboard with *Options / Lock keyboard*. (Note also the *Options / Keep backlight on* feature, if you want to keep display constantly visible.)

Now make a couple of kilometres test drive letting GSM Tracker to track your route to the test server.

After the drive, when you take your phone out of the Bluetooth range of your GPS device for long time, it is wise to exit the GSM Tracker application to save the phone battery charge level.

If you keep the GSM Tracker running in the background, you may want to turn on the setting *Misc / System attribute*. Otherwise the Symbian operating system may silently close down GSM Tracker, when other applications need more memory.

Examining the tracking results

With your PC web browser go to web <http://www.toimii.com/gps>.

Enter your phone's IMEI and click *Send*.

Soon you should see a table of stored location coordinates and links to various online maps.

The MapPoint link shows 20 most recent locations simultaneously on a single map. This is useful, if you want to fine-tune the trigger settings in GSM Tracker.

If you have Google Earth installed into your PC, try the Network Link with title "Snailtrail of 20 most recent valid positions". It shows your route on top of satellite or aerial image. You can give your friends the URL of Google Earth Network Link to your latest position and then they can add a self-refreshing Network Link to their Google Earth to see your position moving!

Aspicore's test server also provides an URL, which always shows the latest position of your phone in Google Maps. You could print this URL into your business cards.

There is also sample source to show, how your web own page can retrieve your real time tracking data from Aspicore's test server in XML format.

Release notes (v3.01)

The cell tower based location tracking functionality has been added, including the SSI of the current cell. If you turn the setting "Send cell every time" on in the Settings / Http tab, the current cell info together with GPS coordinates are sent to the http server.

The almost invisible font color in the Info tab has been fixed. (The Info tab is used only with the http protocol.)

Some new settings items added, including "Map page URL", which is used together with the menu option "Current position" -> "Show in browser".

Clipboard functionality added: "Current position" -> "Copy GPS coordinates"

Optionally also the altitude is sent to the server (URL parameter alt, or \$GPGGA sentence with the UDP protocol).

Possibility to set the GPS init string added.