

# 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!

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

## **Release notes (v3.13)**

*New features and bug fixes since v3.12:*

New SMS settings items: "Enquiry string" and "Response target" allow sending GPS data on request. Sends the current location, when receives an SMS starting with the string specified in "Enquiry string". The string can be e.g. "?loc".

New optional fields available in the text message template:

<status>, <utctime>, <utcdate>, <speed>, <course>, <cellid>, <lac>, <mcc>, <mnc>, <mode> (Already earlier supported fields are <lat> and <lon>).

Ensure that captured data is written to the disk within 5 minutes to minimize data loss if the battery is unexpectedly removed.

Launching the web browser from GSM Tracker works now also in S60 3<sup>rd</sup> Ed, FP1 devices like Nokia N95.

Automatic web browser launch using an URL extracted from the HTTP response. If there is an URL among the Info tab text, GSM Tracker sends that URL to the mobile browser.

Use compressed SVG icons for S60 3rd FP1 devices. Makes the icons visible also in the newer firmware versions.

Check for Bluetooth connection / GPS connection immediately after charging is activated (cable connected).

New Settings item: "GpsGate protocol" On / Off.

Backup works now also for the settings.