

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 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 (v3.10)

New features and bug fixes since v3.02:

Possibility to capture position data into a file on the flash disk instead of sending to a server in the Internet. The captured data is selected with the same trigger rules as the data to be sent.

New tab for quick sending labels for the current locations. Similar to speed dial. Preset labels can be defined via the settings. Preset label can be like "Job started", "Job finished", "Busy", "Ready", "Private" etc.

Send current position (latitude and longitude) as a text message

Send SMS warning to a preset number, when GPS or Internet connection disappears

The occasional slow application exit problem should be now solved. The problem was correlated with an unexpected break in the packet data connection. Now the application also makes sure that the application's system attribute is unset before exiting the application.

Increase the maximum length of the settings string "Map page URL" from 60 to 160.

Does not make an automatic reconnection, if explicitly disconnected.
(GPS, Internet, Cell tracking)

Possibility to use adaptive Bluetooth GPS reconnection interval to save battery power: first 10 minutes continuous retry, after that try reconnecting every X minutes, where X is set by the settings item "GPS / Retry after, min".

Possibility to force Internet connection disconnect/reconnect every X minutes, where X is set by the settings item "Net / Connection reset, min".

Can use TCP instead of UDP: settings item "Net / Use TCP, not UDP".