



[MapTrack - GPS real time track](#)  
version 3.0.0

How to Use Guide

**Q.** Where can MapTrack be used or useful?

**A.** MapTrack can be useful for outdoor activities, sports, run, walk, bike, drive, jog tracking. This app can help you and your family to be in touch while traveling. You can use MapTrack in sightseeing tours for better understanding of your current location or you can even leave a note for your records. You will also have your tour tracks saved in Google Drive.

**Q.** What features MapTrack have?

**A.** App Features:

- Real-time tracking (WITHOUT registration on third-party servers)
- Offline track - not syncing to Google Drive
- Online track - syncing to Google Drive
- color state (online/offline) indicator
- Internet connection is not required to start a track
- Distance calculation
- Show total elapsed tracking time and time of the last point
- Info button for current track details
- Metric and Imperial units
- Option to select location provider (GPS or Network)
- Different Tracking Time Intervals
- GPS Altitude option
- Continue or View last/current track
  
- Sharing options: **Current Location**, [Track Viewer](#) (for browser), [Track Link](#) (for browser), **KML**, **Screenshot file**
- Share by email, social networks, text message, Skype
- Shared KML file (also cached in your device storage) can be imported into Google Maps, Earth or in [Planimeter app](#).
  
- See track in real time in usual browser with link or Track Viewer generated in MapTrack
- Track Viewer - location auto update in browser

- Clear current track - useful to start a new track, but keep the same track link
- Friends or Family can follow you in real time in usual browser using the link from MapTrack
- Different icons for track points in the browser, to recognize beginning of the track and points with notes.
- Auto/Manual data synchronization
- Map/Satellite View
- Map Zoom
- Current location search using GPS and Network
- Zoom to Fit-in and center points on screen (quick point search)
- Add current GPS / Network location as a point
- Save a note for the current position added to track
- Last point is auto centered - make it easy to use on scaled up map
- Option to show/hide lines and pins
- Color state indicator
- Open track in Google Earth ( see the track on pre-cached Google Earth when offline)

**Q.** What can I share using MapTrack?

**A.** You can share

- [Track Link](#) or [Track Viewer](#) with you online track to follow in real time
- KML file with your track data
- you current location as a Google Maps link
- screenshot

**Q.** How do I share my track or my location data?

**A.** Use share button  and select corresponding option: *Location*, [Track Viewer](#), *Track Link*, *KML* or *Screenshot*.

**Q.** How can I start a new track?

**A.** Simply go to start screen and use New button , or clear the current one (keep the same

link for online tracks)

**Q.** I want to place waypoints manually. Is it possible?

**A.** Yes. Just make a LONG TOUCH on *Location button* .

Walk and use this button to place the pins/waypoints manually. There will be an option to write a note for the point.

**Q.** What does the buttons mean?

**A.**



- **Provider button** : select input source.  
TOUCH to select between *GPS and Network*.



- **My Location button** : find and go to your current location.

TOUCH - search for location and go to it, it will be marked with green pin

LONG TOUCH - add location as a point, write a note (optional) and show it as a red pin 



- **Track button** : start and stop live tracking using GPS or Network provider.

TOUCH - on/off tracking.

LONG TOUCH - time interval settings for automatic pin placements on the map.



- **Map View button** : turns on/off satellite view for Google Maps.



- **Distance button** : turns on/off distance measurements.

TOUCH - show/hide the distance measurement results and lines between pins.

LONG TOUCH - show/hide pins 

 - **Send Email or Share button** : share current track as a online link or KML file, share your current location.

TOUCH - show options for sharing data.

LONG TOUCH - clear sharing/e-mail [cache folder](#)\*. All KML files from the cache folder will be deleted after confirmation!



- **Center button** :

TOUCH - Fit-in and center pins on the screen



- **Clear track** : clear current track. For online tracks link remains the same.



- **Sync button** : initiate syncing with Google Drive or change online settings for the track initially created as Offline.

View	Status	TOUCH action result
	<p><b>Offline track:</b> <i>track data is not synced with Google Drive and can not be shared as a link for real time browsing.</i></p> <p>-----</p> <p>----</p> <p><b>Online track:</b> <i>table is not created in Google Drive yet and track can not be shared as a link for real time browsing.</i></p>	<p><b>Change track settings:</b> <i>change settings to make the track available online</i></p> <p>-----</p> <p>---</p> <p><b>Create table in user's Google Drive and sync data:</b> <i>initiate creation and sync attempt</i></p>
	<b>Track is not synced:</b> <i>track has points not synced with Google Drive</i>	<b>Sync current track:</b> <i>initiate syncing attempt</i>
	<b>Track is synced</b>	N/A



- **Info button** : current track summary



- **Open in Google Earth** : open current track in Google Earth. Useful for offline use with pre-cached Google Earth for location of interest.

**Q.** How do I change measurement units?

**A.** You have an option to change measurement units for Distance (D) result. Just touch the result view (in the upper left corner) and select units.

**Q.** I use MapTrack on daily basis, but I am still missing some features important for me. What can I do?

**A.** You can contact us [by email](#) or using [contact form](#) on [our website](#) and describe your problem or suggestions. We usually try to consider user suggestions in app updates.

**Q.** I have started live tracking but see nothing on the screen?

**A.** Please check if pins or path visibility in ON. Press [Distance button](#)  on the right panel to change the state. Also check tracking [time interval setting](#).

**Q.** Can MapTrack work offline (without internet connection)? What options do I have?

**A.** Google Maps require active internet connection and [map tiles caching in developers apps is forbidden according to Google Maps license conditions](#). Google Drive syncing also requires active internet connection. Without active internet connection you will not be able to share your track in real time.

You still can do offline tracking. If you use *GPS* provider all calculations are based on Geo coordinates and should be correct. Then you can share/email results as KML file and import it into Google Maps, Google Earth or in our [Planimeter app](#).

Also you have an option for your track to [Open in Google Earth](#). You can pre-cache maps in Google Earth for location you are interested in first and then use it when there is no internet connection available or if you record offline track.

**Q.** Is Altitude used in distance measurements?

**A.** No, GPS Altitude value is not used for distance calculation and provided ONLY for you records.

**Q.** Why Altitude value is negative?

**A.** GPS altitude can differ from real altitude and sometimes can have negative value due to difference between artificial reference ellipsoid (WGS84) used by GPS and the actual sea level:

[http://www.unavco.org/edu\\_outreach/tutorial/geoidcorr.html](http://www.unavco.org/edu_outreach/tutorial/geoidcorr.html)

**Q.** I just want to share my current location. Can I keep track link constant so I don't need to update my friends with a new link every time I start tracking ?

**A.** When you create a new online track new link is generated. But for your purpose you can use **[Clear Track](#)** function and **[Track Viewer](#)** sharing option.

Create a new online track and share it using Track Viewer option. When you need to start a new track just clear the current one if you don't need it anymore. Your data will be synced as soon as you have Internet connection and your followers will see you starting a new track and updated location on the map.

**Q.** I like MapTrack and find it useful. How can I support MapTrack development.

**A.** You can comment and rate the [MapTrack app on Google Play](#) and recommend the app to your friends and colleagues.

\*NOTES:

Data Storage:

MapTrack uses "external storage" to save data (KML files). "External storage" can be a removable storage media (such as an SD card) or an internal (non-removable) storage. Files saved to the external storage can be accessed and modified by the user when they enable USB mass storage to transfer files on a computer. MapTrack data files are saved in the root directory under **MapTrack folder**. **Make sure to backup this folder if you need it later or if you do factory reset of your device.**

Start Screen:



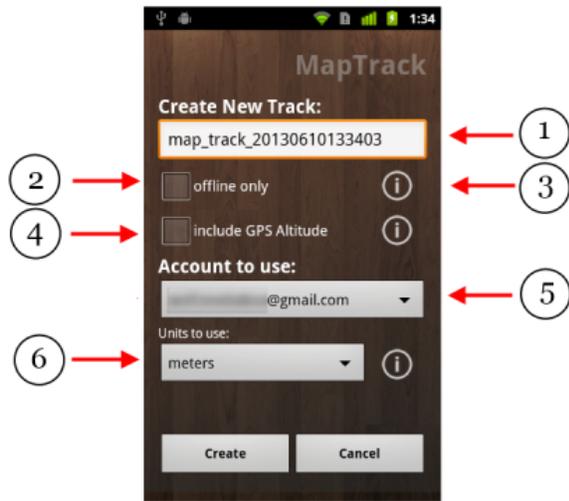
**New** - Create new track

**View** - View/continue current or last track

**i** - Information and contact

**?** - Help and manual

## Create Track Screen:



1 - track name

2 - track is available Online/Offline

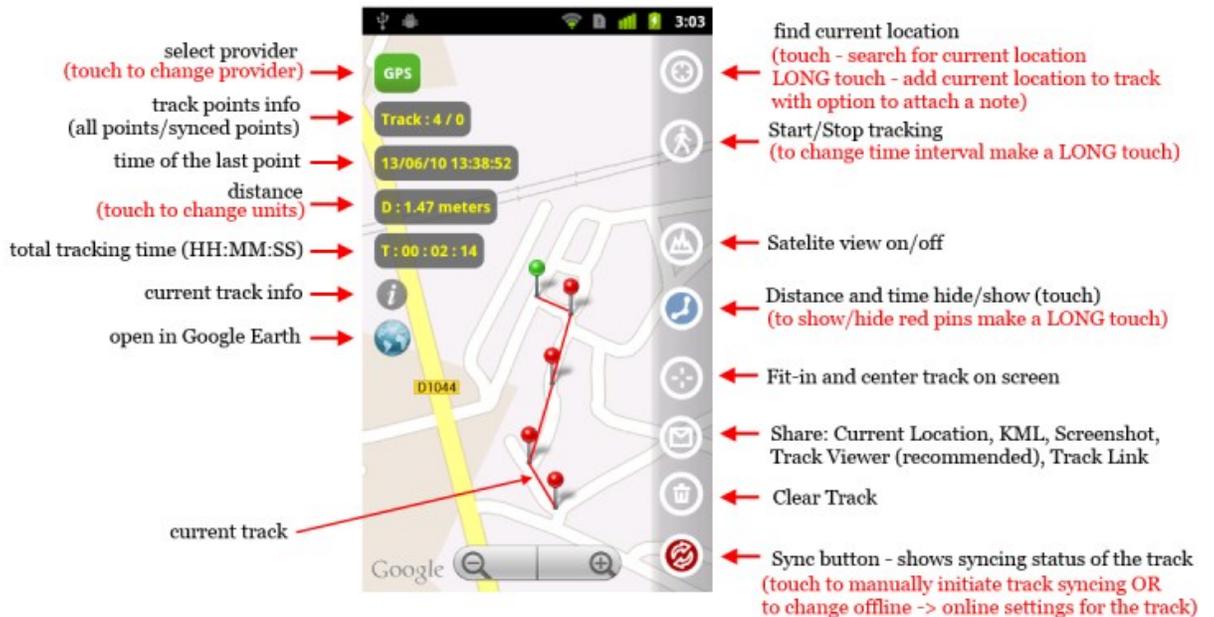
3 - Info about a setting item

4 - Include GPS altitude value into track info synced to Google Drive and saved into KML file for sharing

5 - account to use for syncing with Google Drive

6 - distance units to be used for syncing track with Google Drive

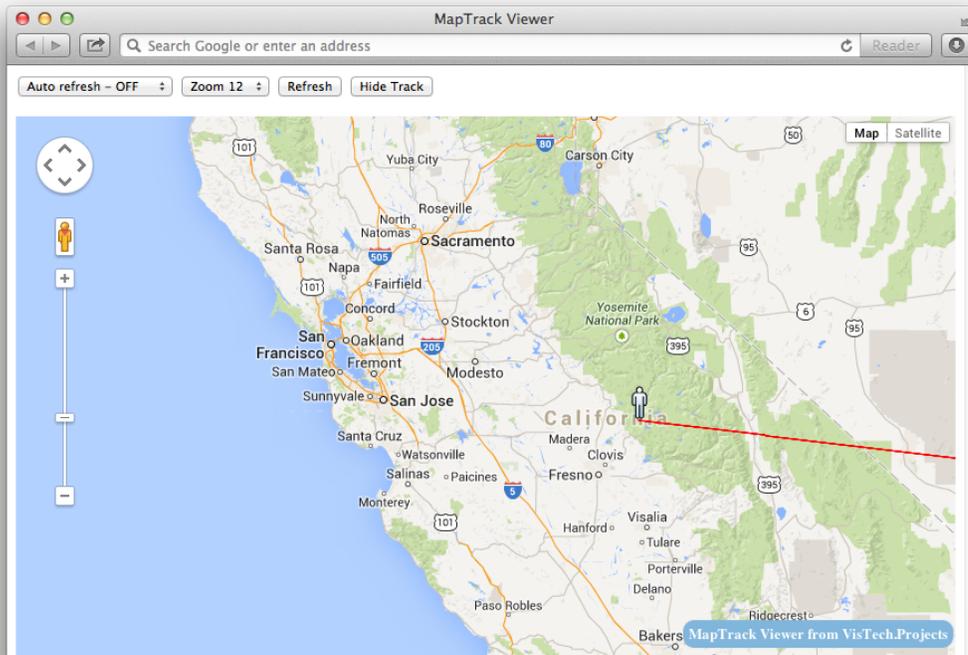
## Map/Track View Screen



**DON'T USE THIS APP AND ITS DATA FOR NAVIGATION IN CRITICAL APPLICATIONS LIKE FLYING. DEVELOPERS ARE NOT RESPONSIBLE FOR ANY USE OF THIS APPLICATION. USE IT AT YOUR OWN RISK**

## Track Viewer

## How your friends see your track using Track Viewer in usual Internet browser



### Sharing options: simple Track Link vs Track Viewer

Features	Track Link ( http://... )	Track Viewer (HTML)
Open in usual desktop or mobile browser	Yes	Yes
See whole track	Yes	Yes
See user notes on points	Yes	Yes
See point details (time, distance, number, notes, etc.)	Yes	Yes
Auto - Refresh with selected time interval	No	Yes
Center to current location automatically	No	Yes
Show / Hide track (show ONLY current location )	No	Yes
Special icon for current point	No	Yes
Special icon for track start point	Yes	Yes
Suitable for embedding into website (advanced usage)	No	Yes