

GLTracker mobile tracking app

You can turn your smartphone or tablet into a GPS tracker by installing the "GLTracker" app that is available for download in PlayMarket and AppStore. The application is designed to periodically determine the coordinates of the device and send them to the server of the GeoLoc GPS monitoring system. In addition to the location, the following data is transmitted:

1. Speed of movement
2. Altitude above sea level
3. Direction of movement
4. ID of the cellular tower used (Android only)
5. Battery level
6. App SOS button status

Also, the user has the opportunity to make a photo from the application (photo tag) and send it to the server. The photo will be available in the phone gallery, as well as in the web interface of the GPS monitoring system; it will also be displayed on the track in history.

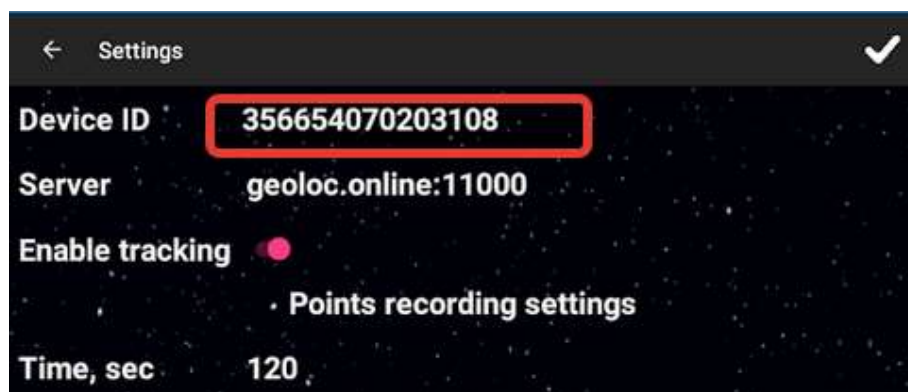
The application is used to monitor the location of children, employees of organizations, couriers, participants of competitions and outdoor activities.

Device coordinates are determined using GPS/GLONASS satellites or WIFI networks data (Android only). When you turn on high-precision tracking the software allows you to send data not only on the timer, but also with the passage of a certain distance, turn at a given angle, which makes the resulting track much more accurate, but also requires more battery power. The average smartphone operating time in the high-precision tracking mode depends on the volume and condition of the battery and is 10-20 hours, while when this mode is disabled, a smartphone is able to work up to 3 days without recharging.

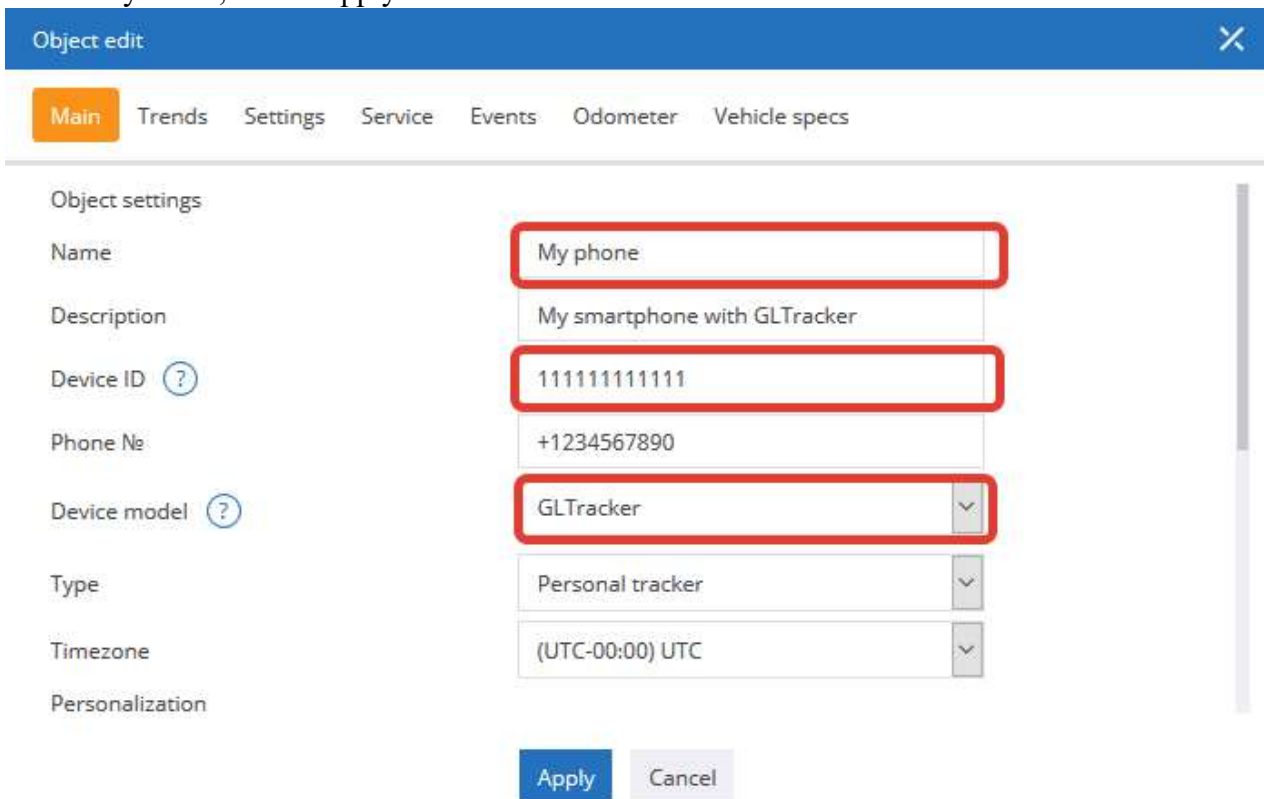
Activating GLTracker

The capabilities of the app and the process of its activation for iOS and Android devices are almost identical. After installing the application, do the following:

1. Install the GLTracker app on your smartphone or tablet. Launch the app and make sure there are no warnings at the bottom of the screen. **Ensure the application has the required permissions and there are no restrictions on the application in the background. For details, see Possible problems with the application.**
2. Enter the settings of the software and find the device ID.



3. Register the tracker in GeoLoc system using address <http://panel.geoloc.online>. Log in to the user account in the web application and then add a new object via the Control Panel in the "Objects" tab. In the "Device ID" field you must enter the number from "GLTracker" settings. Next, after filling in all the necessary fields, click "Apply".



Object edit

Main Trends Settings Service Events Odometer Vehicle specs

Object settings

Name My phone

Description My smartphone with GLTracker

Device ID 111111111111

Phone No +1234567890

Device model GLTracker

Type Personal tracker

Timezone (UTC-00:00) UTC

Personalization

Apply Cancel

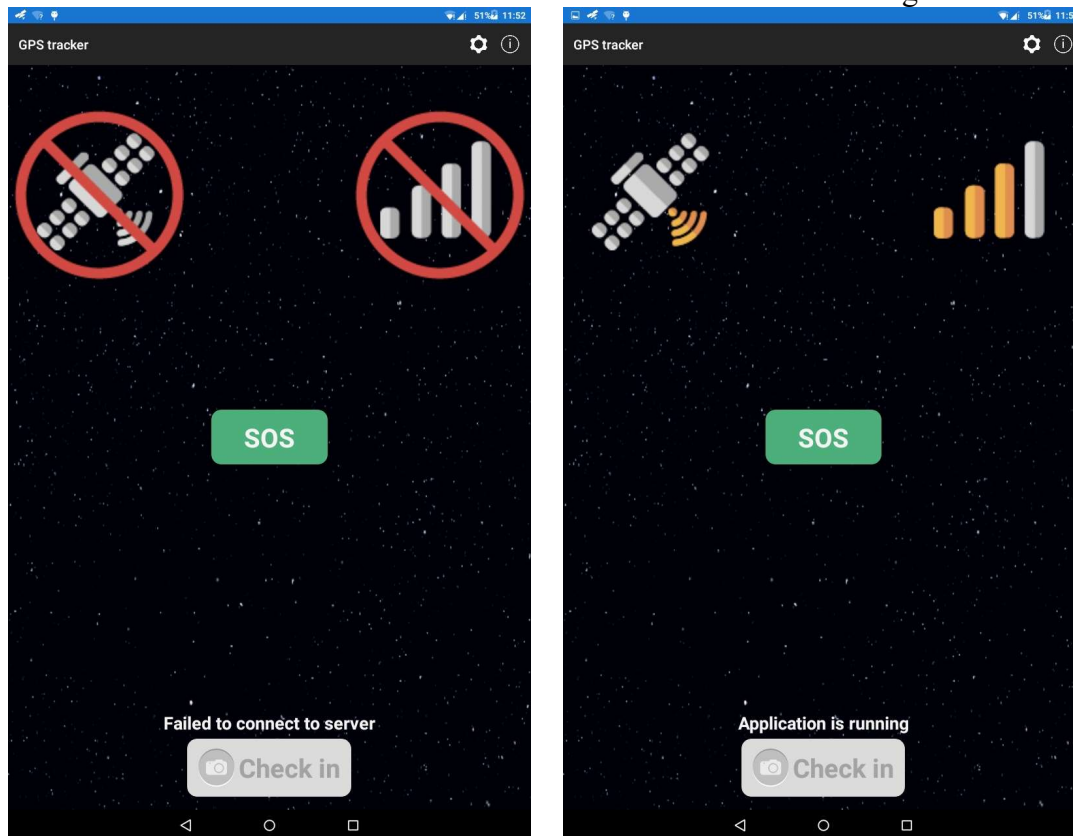
GLTracker interface

Crossed out satellite and signal level icons indicate that your coordinate is not defined or there is no connection to the server. Both icons should be active in the normal mode.

At the bottom of the screen, above the "Check in" button, the software prompts the current status of the application and possible warnings.

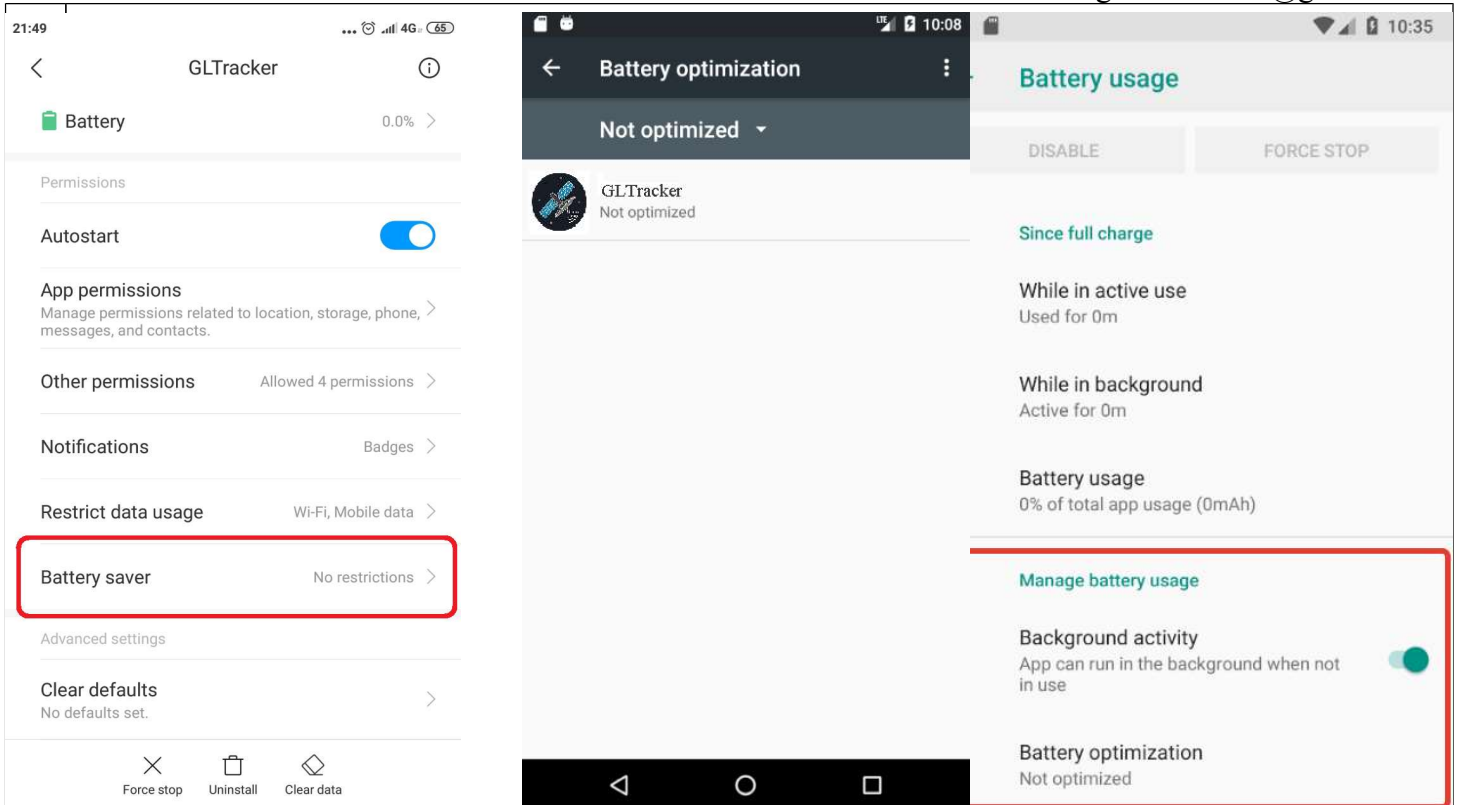
The "Check in" button allows you to take a photo (photo tag).

In the top menu of the app there are buttons to navigate to the application settings and the "About" screen



Possible problems with the application

No	Problem	Solution
1	The app reports "No connection to the server»	<ol style="list-style-type: none"> 1. Verify that the device is registered on the server (see GLTracker activation section) 2. Check that your smartphone has Internet access
2	The app reports "Coordinate is not determined"	<ol style="list-style-type: none"> 1. Check that the application has permission to work with the GPS module, determining the position of the device 2. Place the device where satellite data can be received and wait for 5-10 minutes.
3	The app reports "Check the settings of the activity control application" or the application stops sending data in 20-30 min after start.	<p>This warning can be received in Android 6+ and is related to the Doze battery saving system. In some cases, Android forcibly stops applications running in the background. You need to prevent Doze to limit the application. To do this log in to the system menu of the settings app and change the mode of activity control of the app.</p> <ul style="list-style-type: none"> * The appearance of the window and the names of menu items may differ in smartphones from different manufacturers. * In Xiaomi smartphones (MIUI shell), permission to autorun the application is critical. * Huawei smartphones require the addition of an application to the list of protected power-intensive applications.



4	The app reports "Check your time and time zone settings"	<ol style="list-style-type: none"> 1. Check that the set time zone is correct 2. Make sure that the correct time is set. It is recommended to synchronize time via cellular data.
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