



TcpGPS Lite

for iOS

Fast Surveys
with iPad or iPhone



Introduction

This application, installed on an iPhone or iPad, allows the user to make surveys using integrated GPS with its nominal precision, in a fast and easy way.

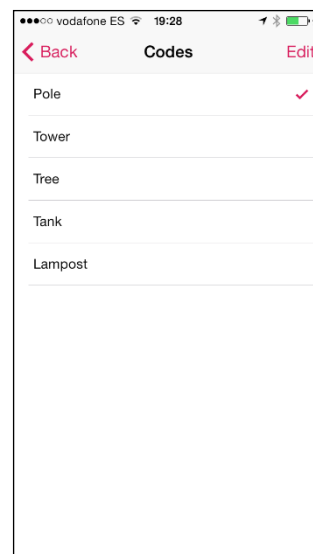
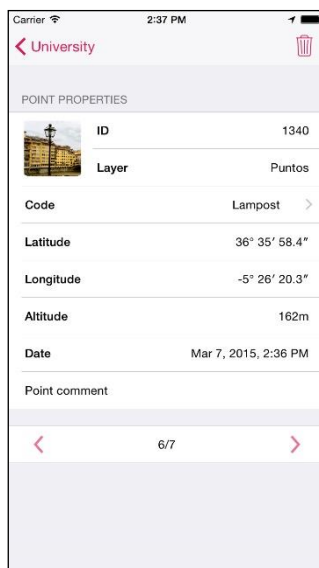
It can be used by surveyors and other technicians for surveys consisting on measuring lots, paths, crops, pipes, electrical lines, urban furniture...

Maps is used as background, and can be represented in standard, hybrid and satellite modes. Geographic or UTM projected coordinates are shown at all times.

Point Survey

The application allows data collection of single points, whose coordinates are got from the GPS, showing the estimated precision by a circle, as is usual in location-based programs.

The points are automatically numbered, recording date and time and you can add a picture to each one. They can be organized in separate layers, adding a comment and code. The app records most used values and allows to choose from a quick list.

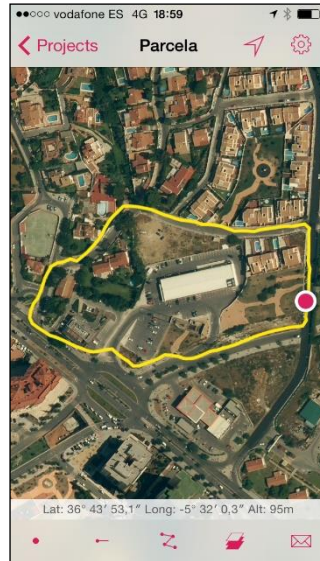


Continuous Survey

It is also possible to perform a continuous survey, recording vertices automatically by an interval of time, distance or height difference.

At any time you can view the polyline data, such as minimum and maximum heights, length and area. Vertex information can be displayed as well.

You can work with multiple layers, with different names and colors.

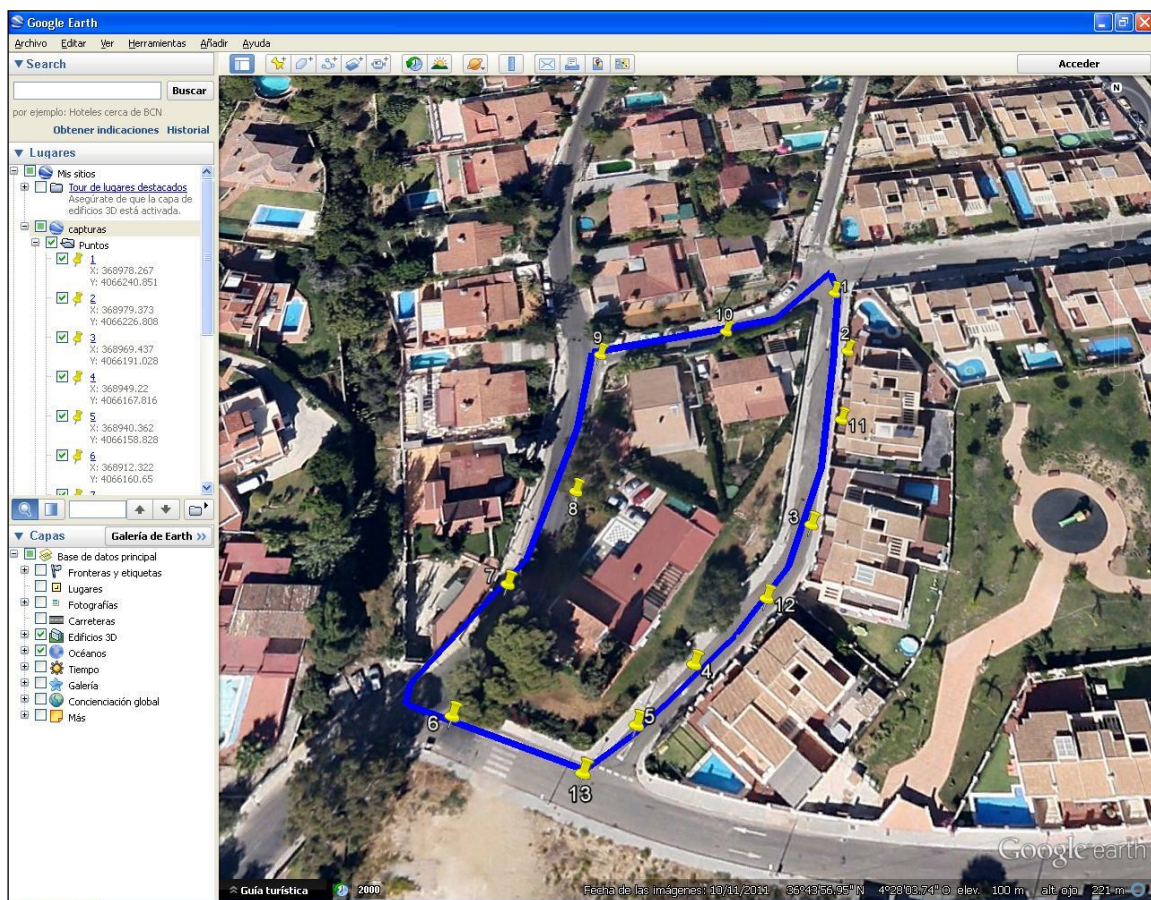


POLYLINE PROPERTIES	
ID	3
Layer	Lines
Highest point	103m
Lowest point	83m
Perimeter	636m
Closed	Yes
Area	22.812m ²
Vertices	109 >

Results

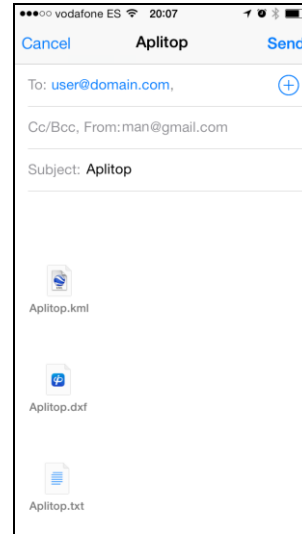
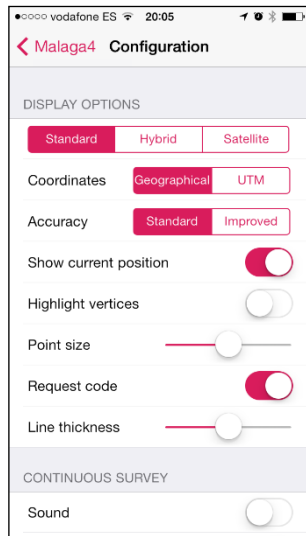
Survey can be exported to a Google Earth KML, text or DXF files, and they can be sent by email from the app.

This file can also be imported by most CAD and GIS applications.



Settings

Editing preferences lets you to change the appearance of map, points and lines captured. It also sets parameters for data collection, information displayed in real time and others.



Requirements

- iPhone 4 or higher, iPad 2 or higher
- Operating system: iOS 7 or higher
- Internet access

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