



TcGPS for Android™



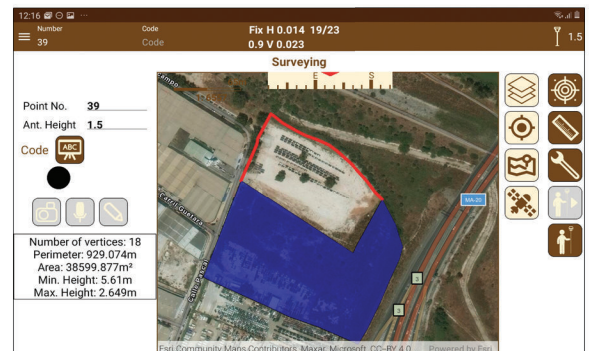
Complete solution for surveying and staking out using GNSS receivers

This application, installed on a Tablet or smart-phone with Android™, allows the user to survey and stake out topographic data with GNSS receivers.

Base Maps

ESRI™ base maps with global coverage are used, which can be displayed in street, satellite or topographic mode. Cartography files can also be loaded from the cloud or internal storage, as well as web map services (WMS) provided by official bodies.

The program includes the EPSG geodetic parameter dataset, allowing to work with different coordinate reference systems organized by countries. Also local systems can be defined.



Surveying

The application allows the survey of topographic points by simply touching a button. Pictures, voice notes and optional codes can be attached to each point. Continuous survey allows to record points automatically, giving a distance or time Interval.

Points and raw data can be exported to different formats, even all the information can be synchronized with Google Drive™.

Stake Out

Points or lines to be staked out can be selected graphically or using some criteria. The application provides different help modes, as a map, a compass, a target or augmented reality. In all cases a voice system informs the user about proximity to target.





Professional Version

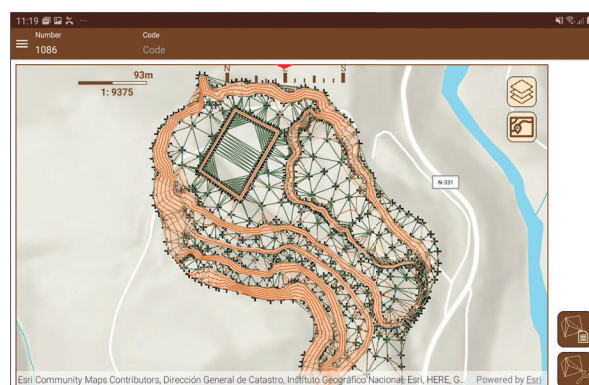
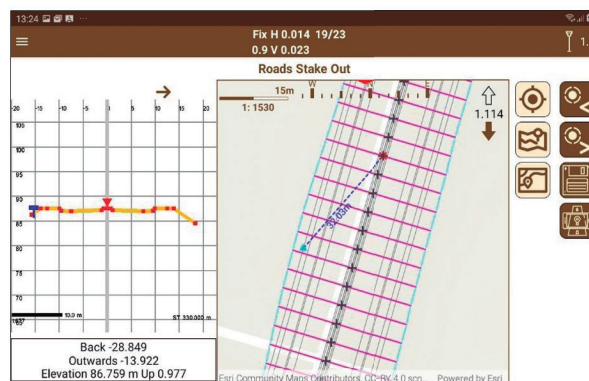
TcpGPS is very useful for roads, railways and civil projects in general, allowing to import files in LandXML and other formats. Points such as road edges, shoulders or curbs can be staked out. Slope control options are also provided.

The software generates the digital terrain model and contours from points and optional break lines. You can also compare the current elevation with that of a reference surface.

GNSS Receivers

TcpGPS allows to connect easily with a wide range of GNSS receivers, both integrated into devices and external ones connected via Bluetooth. GPS, GLONASS, Beidou, Galileo and SBAS constellations are supported.

The status bar shows in real time the type of position, precisions, Bluetooth status ...



Requirements⁽¹⁾

Operating System	Android™ 6.0 or higher
RAM Memory	Minimum 2GB
Screen size	Recommended 5" or higher
Sensors	Recommended Magnetometer and Accelerometer
Connectivity	GPS Bluetooth Internet
Base maps	DXF, DWG, shape
Device	Smartphone or tablet of mid-range to high-end
GPU	High performance: Mali-T880 MP12, Adreno 530 or higher
GNSS Receiver	Compatible with the NMEA 0183 standard. The program also allows you to configure a number of brands and models of GNSS receivers in different working modes. Read more: https://bit.ly/3bOg4Bz

⁽¹⁾ Not all of the features of the application are available for all the devices and receivers. For an updated information about the certified receiver models and mobile devices, more detailed information about TcpGPS for Android™ requirements on www.aplitolop.com.

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Reseller

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