geoGPS

GNSS RTK · FIELD DATA · CLOUD · QGIS

Online from GNSS RTK surveying to a cloud map and a QGIS project

geoGPS is a system for mapping and collecting spatial data in the field. Measure with an app connected via Bluetooth to a GNSS RTK receiver, your data syncs automatically to geoGPS Cloud, and you view it in the Web Panel or edit it in QGIS.

1–2 cm accuracy* · **NTRIP** · **5,000+ EPSG systems** · **100+ geoid models** · **Data in the EU**

THE SYSTEM

One system – four components

Mobile app

Android app for field data, GNSS RTK surveys, photos and forms.

geoGPS Cloud

Central database – stores and syncs projects, layers and attachments.

Web Panel

Map with layers, point photos, team management and data export.

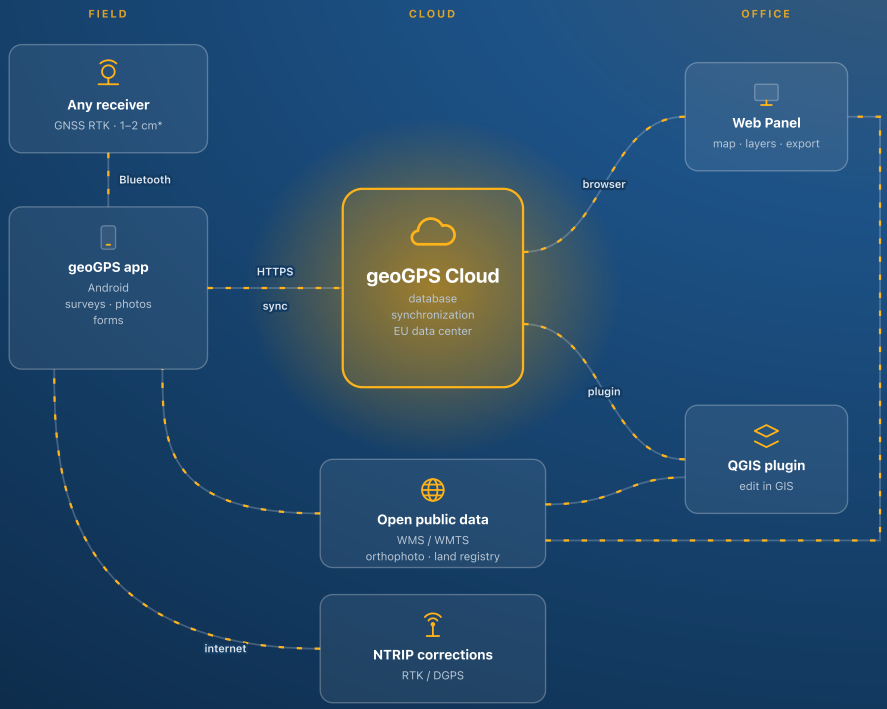
QGIS plugin

Open and edit geoGPS Cloud data directly in free QGIS.

ARCHITECTURE

From field to desk – in real time

Receiver → app → geoGPS Cloud → Web Panel and QGIS, on top of open public WMS/WMTS data.



* 1–2 cm accuracy: with an external GNSS RTK receiver and NTRIP corrections, in favourable conditions. Actual accuracy depends on equipment, corrections and terrain and is not guaranteed.

geogps.cloud · office@geogps.cloud

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Single source of truth

All components use a shared cloud database.

Secure access

Encrypted HTTPS connections and two-step sign-in with a one-time verification code.

Dedicated or other receiver

The app connects via Bluetooth to a dedicated GNSS RTK receiver from our offer: sklep.encom.pl. Any other receiver requires your own verification.

Data stored in the EU

geoGPS Cloud servers run in a data center in the European Union – your data stays in the EU.

Certified data center

Infrastructure certified to ISO/IEC 27001 (information security) and ISO 9001 (quality), with a 99.9% availability SLA.

GDPR compliant

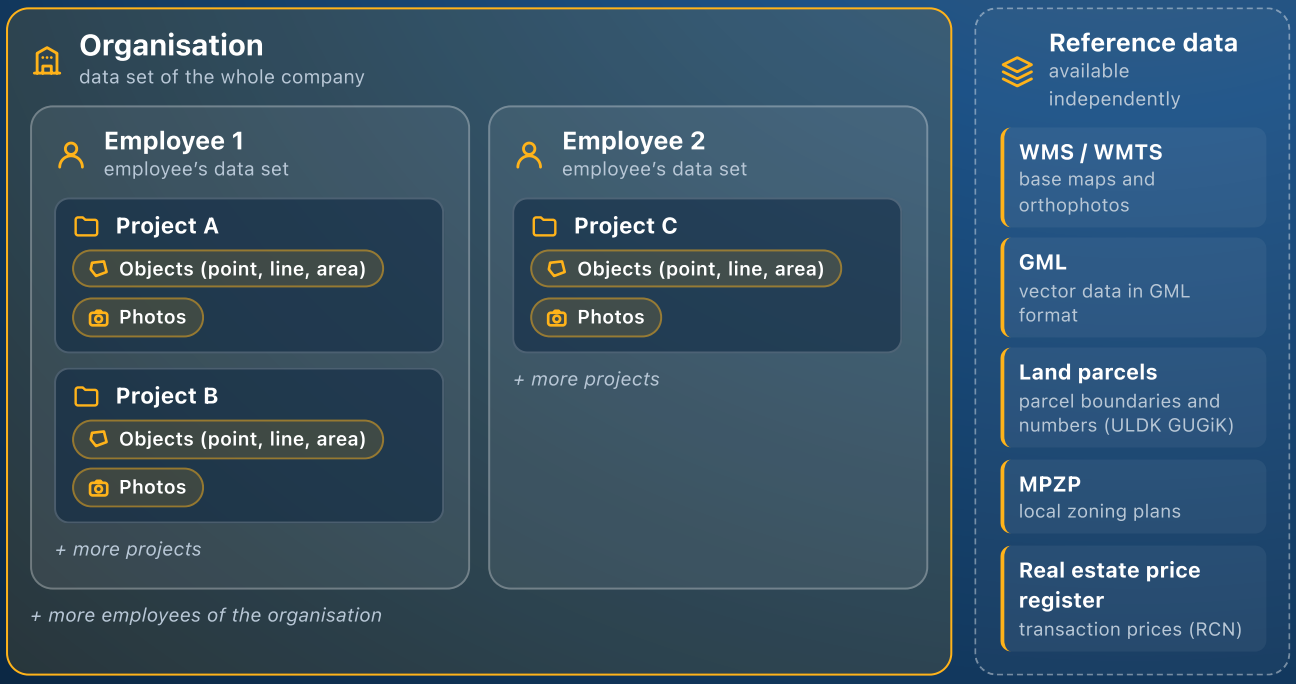
A data processing agreement for customers, a DPA with our hosting provider and a transparent privacy policy.

DATA STRUCTURE

How data is organised

Data is stored hierarchically: the largest set is the organisation, which contains the data sets of individual employees; each employee's set contains their projects, and projects contain the survey objects. Employees can see each other's work, but cannot edit or delete it – everyone changes only their own data. Reference layers are available independently of this structure and can be used as a background for any project.

All data is available online – from the mobile app, the Web Panel and the QGIS plugin.



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WHO IT'S FOR

Built for professionals who demand precision

geoGPS is a working tool for specialists for whom every centimetre, data reliability and efficient teamwork matter – in the field and in the office. This is not a recreational GPS app.

Construction and design

Stakeout, distance and area measurements, with data ready for further work in QGIS.

Land surveyors

GNSS RTK measurements with 1–2 cm accuracy*, stakeout, 5,000+ EPSG coordinate systems and 100+ geoid models for heights.

Forestry and nature conservation

Inventory of stands, habitats and natural features – with forms, photos and precise positions.

Utilities and infrastructure

Asset inventory: poles, manholes, valves and connections, with photo documentation and feature attributes.

Real estate and land management

Map plots, boundaries and property assets in the field – on top of cadastral maps and orthophotos from public WMS/WMTS services.

Local government

Registers of greenery, street lighting, roads and municipal assets – shared with the whole team in the Web Panel.

Farmers and agricultural advisors

Measuring field and crop areas, farm parcel boundaries and documenting crop damage with photos and location.

Geologists and hydrogeologists

Locating boreholes, outcrops and monitoring points with descriptions, photos and elevation – in one project database for the whole team.

Real estate agents

Checking the plot on site against cadastral maps, measuring its area and documenting the property with photos for the listing.

What professionals get

- **Centimetre accuracy** – GNSS RTK receiver, dedicated or other + NTRIP corrections
- **Coordinate & height systems** – 5,000+ EPSG projected systems, 100+ geoid models incl. EGM96/EGM2008
- **Stakeout & measurement** – points, lines, areas, distances, surface stakeout
- **Volumes & area settlement** – cut, fill, balance, area settlement, PDF and DXF reports
- **Reference data** – public WMS/WMTS – orthophotos, cadastral and topographic maps
- **Teamwork** – Manager and Employee roles, one shared database
- **Professional GIS** – QGIS plugin – no manual file exports

Security & compliance

- **Data in the EU** – servers in an EU data center
- **ISO/IEC 27001 & ISO 9001** – certified data center, 99.9% SLA
- **Secure access** – HTTPS and two-step sign-in
- **GDPR compliant** – data processing agreement for customers

Works via Bluetooth with a dedicated GNSS RTK receiver from **sklep.encom.pl**. Any other receiver requires your own verification.

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PRICING

Monthly plans – cancel any time

Package A	Package B	Package C	Individual
1 account	**2 accounts**	**3 accounts**	**Any number of accounts**
1 GB cloud storage (3,000 photos)	2 GB cloud storage (6,000 photos)	3 GB cloud storage (9,000 photos)	terms agreed individually

Every plan includes the mobile app, geoGPS Cloud storage, the Web Panel and the QGIS plugin. Package prices are shown in the app and paid via Google Play; the Individual package is billed by VAT invoice. New organizations get a 7-day free trial – no card required.

GET STARTED

How to buy a subscription

The whole purchase happens in the mobile app – from registering your organization to paying in Google Play.

1 Install the app

Download geoGPS from Google Play on your Android phone or tablet.

2 Register your organization

Enter the company name (optionally tax ID and address) and the first user's details – they get the Manager role. Sign-in details arrive by e-mail.

3 Accept the terms

During registration you accept the Terms of Service and review the Privacy Policy.

4 Choose a plan and pay

On the "Subscriptions" screen pick Package A, B or C and pay via Google Play. The subscription activates immediately. Your existing subscriptions remain active. You can also order an individual package billed by VAT invoice – write to office@geogps.cloud.

5 Add your team

The Manager creates employee accounts on the "My Account" screen. Each person receives sign-in details by e-mail.

6 Work in the field and office

Measure in the app and review data in the Web Panel or in the free QGIS software with the geoGPS plugin (ZIP).

Individual package: in the app, on the "Subscriptions" screen, choose "Individual package", enter the number of accounts and a contact phone number – we will prepare an offer. You can also e-mail office@geogps.cloud.

Managing your subscription: it renews automatically every month. Turn it off in Google Play (Profile → Payments & subscriptions → Subscriptions) – access remains until the end of the paid period. Uninstalling the app does not cancel the subscription.

Start measuring with geoGPS

Website: **geogps.cloud**

Google Play: **play.google.com/store/apps/details?id=pl.encom**

Contact: **office@geogps.cloud** · GNSS RTK receivers: **sklep.encom.pl**

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