



Product Brief

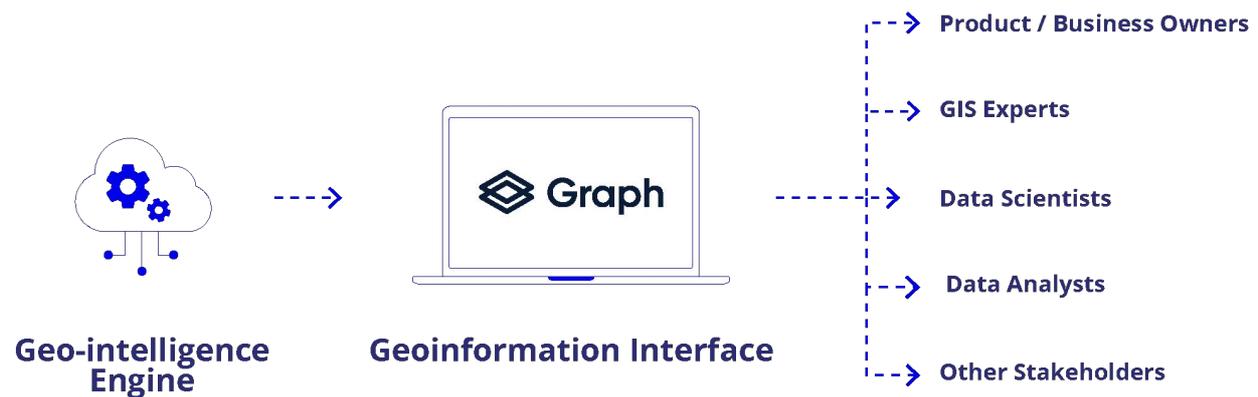
Graph Product Brief v.1.10



Product Overview

Are you struggling to turn geospatial information into actionable business insights? Seeking a precise, in-depth understanding of your geodata?

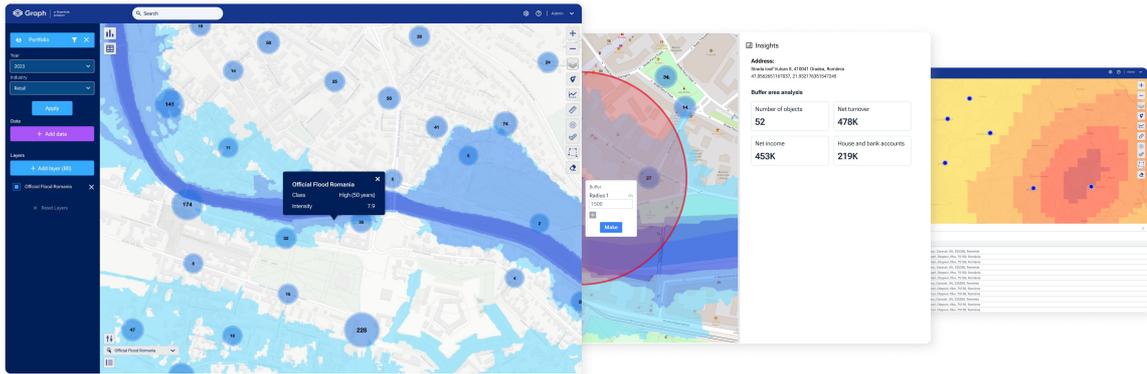
To help you transform your geospatial challenges into clear, impactful results, we've built Graph, our innovative, cloud-based, user-friendly, SaaS location intelligence application.



Analyze spatial data, reveal hidden patterns, and make predictions in seconds with Graph by Quartile.

Graph enables you to create, use, enrich, modify, and analyze different types of information, overlay maps on satellite images, and easily decipher geodata that is otherwise hidden in tables.

You can bring your data to the app, or access various kinds of spatial data, including real-time data or big data. Using the latest web technologies, Graph supports you in visualizing powerful and interactive datasets quickly, easily, and responsively.



The Graph Experience



User-centric

Graph consolidates massive data silos into a comprehensive, easy-to-understand view. Its user-friendly interface allows users without GIS or industry knowledge to fully utilize the platform.



Fast

One of Graph's main advantages is its fast loading time. Because it's based on a powerful geo-intelligence back-end engine (Qarta™), it has a cache configuration that facilitates fast responses.



Versatile

Since it's a web-based app, it can be accessed from any device as long as there is an existing internet connection.



Configurable

Graph works with databases, CSV, shapefiles, raster, vector, and points. You can also configure other metrics according to your needs (change language, metrics, etc.).



Intuitive

Your content is superimposed with state-of-the-art imaging services like OpenStreetMap, Google Maps, or Bing Maps. Integrated services also include Map Services (OGC standards content from WMS, WMTS, WFS, and WPS consumed from Quartile's geo engine Qarta™).



Interactive

Graph is interactive, providing users with an engaging and dynamic way to get and present geodata. This can be exported as a CSV or PDF report with Hazard Analysis.

Product Capabilities



Data Visualization

Combine multiple datasets with hazard layers to gain detailed insights, and visualize your findings through interactive charts and graphics. Graph also enables location analysis with risk scores, screenshots, and tailored reports through its PDF report creator for seamless sharing and collaboration.



Accumulation Control

Change to Map and analyze your entire portfolio with ease. Visualize assets, policies, and real estate directly on the map, with tools like aggregation by district, concentric circles, polygon, and shape selection. Manage your portfolio spatially and gain valuable insights through filtering and interactive data layers.

Risk assessment

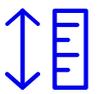


Analyze single-location risk scores and identify weak spots. Generate coordinates and addresses with geocoding & reverse geocoding. Assign hazard scores to large data sets in seconds through batch enrichment. Rapidly import, enrich, and export CSV files. Visualize data as tables and correlate it with the map.



Embedded Map Sharing

Create and share maps and insights: easily customize your map and share it as embedded in your website.



Map Tools

Display and maneuver standard background maps and aerial/satellite imagery. Use measurement tools: length, area by rectangle, polygon, circle, or profile elevation tools according to your needs.



User Management

User management includes creating and managing user accounts, assigning roles, and setting layer restrictions. High-level administrators can review access logs, action history for all roles as well as usage metrics (monitored user activity).



Perform live catchment area analysis

You can generate multiple manual catchment area analyses and customize distances based on your business needs. These analyses can be saved individually or bundled together in a single file for convenient sharing with other stakeholders.



Use the Integrated Streetview

We've incorporated Google Street View into Graph, enhancing its utility for various analyses such as risk assessments (insurance companies can utilize this feature to evaluate properties and assess risks for example).



Sharing and collaboration

To inform stakeholders or collaborate with other teams on a project, use the "share location as a link" feature. Other users can access the analysis by pasting the unique link in a new browser tab, provided they have the appropriate role and layer permissions.



API Token creation

Graph allows the creation of API tokens, ideal for sharing with specific departments or users within your organization. These tokens function like user accounts, offering capabilities like server authentication, location search, geocoding, reverse geocoding, layer viewing, and data enrichment.

Graph is suited for a variety of industries



Insurance & Insurtech



Logistics & Distribution



Fintech, Web3, Banking



Utility



Public
Administration



Media &
Telecommunications



Real estate



Police, Military &
Intelligence
Agencies



Retail & Geomarketing



Environmental,
social, & corporate
governance (ESG)



Get in touch and let's discuss how you can use Graph to overcome your geoinformation business challenges.

Reach out at contact@quartile.ro

Quartile is an innovative company founded to help organizations harness the power of geospatial information and drive informed decision-making for their businesses. We use cloud-native technology and are enterprise-ready, delivering geocontent in a fast, flexible, and secure way for the world's largest corporations. Businesses use our products and services to translate real-world geospatial information into actionable insights and reach their full geolocation potential.

