



PRODUCT BRIEF

Rapid

High-Performance GeoEnrichment API

Rapid Product Overview

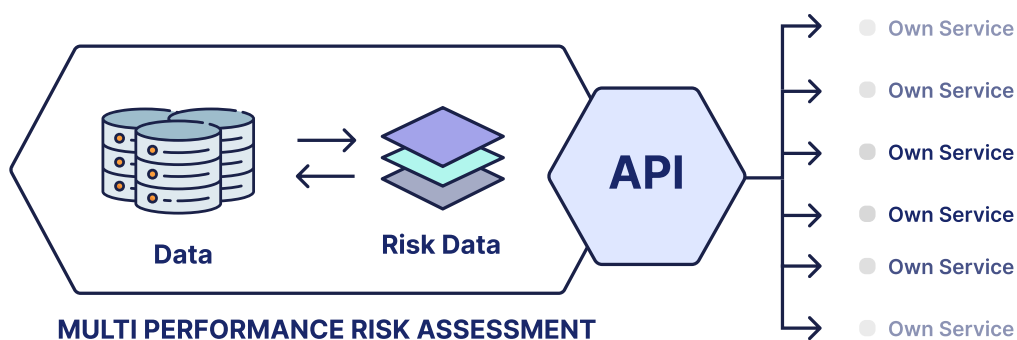
[Rapid](#) is a high-performance GeoEnrichment API built to process extremely large location datasets with speed and precision. It enriches millions of records with spatial attributes derived from vector datasets and raster-based layers, delivering consistent, structured outputs for downstream analysis and system integration.

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Blazing fast, cost-efficient, and easy to integrate, Rapid empowers our renewal processes and risk modeling. Fully automated geoprocessing and geo-enrichment of smaller books or larger portfolios are no longer an issue. We have reduced the amount of human intervention by more than 300%. From Core Insurance Systems to Scenario Modelling, all are connected and enabled within a short implementation phase.

Kai Ole Rogge, Former Head of GIS, Global P&C Insurer with 150,000+ Employees

Rapid at a Glance



Key Features and Capabilities



Real-Time Spatial Analysis

Analyzes location datasets in real time by intersecting coordinates with dynamic geospatial layers. Rapid identifies matching records and derives spatial attributes, enabling fast downstream processing in time-sensitive operations.



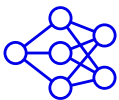
Massive-Scale Enrichment

Executes high-volume enrichment processes across millions of records in a single run. Rapid processes large datasets efficiently, supporting batch operations, continuous pipelines, and high-frequency workloads.



API-First Integration

Exposes enrichment and analysis capabilities through standardized, integration-ready APIs. Rapid connects directly with internal systems, data pipelines, and external platforms to enable seamless data flow.



Parallel Processing Architecture

Distributes enrichment tasks across multiple compute nodes, enabling high-throughput processing and consistent performance under heavy workloads.



Enterprise Readiness

Rapid is built for enterprise deployment with scalable architecture, automated data validation, and support for governed environments. Optional [MCP Server](#) integration enables structured interaction with enrichment processes for AI-driven and agent-based use cases.



Data Standardization & Validation

Validates, normalizes, and structures input data to ensure consistent enrichment results. Rapid produces standardized outputs that integrate reliably with downstream systems.

Business Benefits

✓ **Faster Processing of Large Datasets**

High volumes of location data are processed quickly, reducing turnaround times for analysis and operational workflows.

✓ **Seamless Integration into Existing Systems**

Geospatial enrichment is embedded directly into current platforms and pipelines without additional reprocessing.

✓ **Reliable, Consistent Data Outputs**

Enrichment results are consistent and reliable, reducing errors and rework across downstream workflows.

✓ **Scalable Performance as Data Grows**

Consistent processing speed and reliability as data volumes and workload demands increase.

Rapid is suited for:

 **Large & Mid Corporations and Suppliers**

 **Risk Management & Compliance**

 **Other industries include:**



**Manufacturing &
Production**



Telecommunications



**Energy &
Utilities**



**Transportation &
Logistics**



**Retail &
E-Commerce**



**National &
Global Public Health**



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.



Transform large-scale datasets into analysis-ready outputs with high-performance processing.

Reach out at **contact@quartile.ch**

Company Information

Headquarters: Baden, Switzerland
Development Centers: Arad and Timișoara, Romania
Founded: 2018
Core Expertise: Cloud-native
GeoServer-as-a-Service in any environment

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27001:2022



9001:2015