



Product Brief

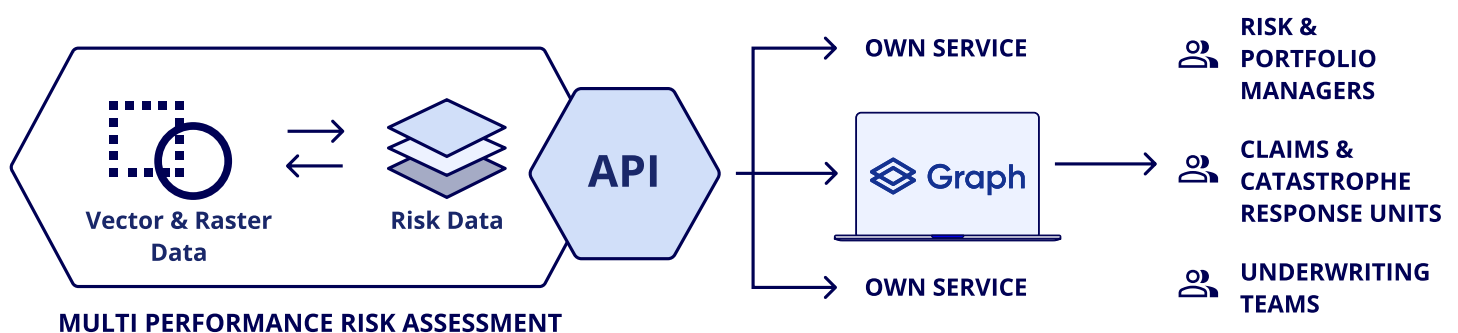
RAPID

Portfolio Data Enrichment and Risk Intelligence for Insurance

RAPID is Quartile's cutting-edge geospatial business intelligence engine, purpose-built for insurance teams managing large and complex portfolios. Designed to transform messy insurance data into clean, enriched risk intelligence, RAPID empowers underwriting, risk modeling, and claims teams to move faster and with greater confidence. Insurers use RAPID to:

- ◆ Automatically cleanse and standardize messy portfolio data
- ◆ Enrich millions of records with geospatial risk intelligence in seconds
- ◆ Support real-time risk scoring and CAT event analysis
- ◆ Accelerate onboarding, renewals, and regulatory reporting
- ◆ Integrate seamlessly with underwriting, claims, and reinsurance systems
- ◆ Analyze large datasets with great precision

RAPID at a glance



RAPID efficiently integrates risk data from various sources and delivers powerful insights through its API. It enables businesses to analyze, assess, and enrich data for risk management by processing millions of points per second. The API-driven architecture allows seamless data consumption and integration with your own services to facilitate comprehensive risk assessments and analysis.

Product Capabilities



API-First Flexibility

Access RAPID as a unified engine or as a modular component through our high-performance API. Whether enriching data in isolation or integrating into underwriting, claims, or reinsurance platforms, RAPID adapts to your architecture with ease.



Unmatched Performance at Scale

RAPID processes over 5 million records per second on a single instance, enabling superfast batch enrichment and multi-risk scoring across entire portfolios (whether you have small books or millions of policies). RAPID effortlessly handles peak-season demand, renewals, or onboarding new books.



Comprehensive Data Access and Enrichment

Connect to your internal databases and combine them with Quartile's robust datasets. This ensures portfolios are not only clean but deeply enriched for risk modeling, pricing, and reporting.



Real-Time CAT and Event Enrichment

Overlay live raster feeds (such as storm tracks, flood zones, or wildfire perimeters) on your active portfolio to immediately identify exposed policies and issue rapid loss estimates. RAPID equips CAT and claims managers with the insight they need when timing matters most.



Automated Data Cleansing

Remove duplicates, repair structural issues, and harmonize formats automatically. RAPID makes sure your insurance datasets are regulatory-ready, validated, and analysis-ready from day one, reducing manual QA and operational load.



Secure and Governed by Design

RAPID includes role-based access controls, auditability features, and deployment flexibility (private/hybrid cloud), supporting compliance with evolving data sovereignty and governance requirements.

What Sets Rapid Apart



**5+ million
Points/ second**
on an single instance



**Vector & Raster
Data**



Scalable, Fast, Secure

RAPID is suited for:



Underwriting Teams



Portfolio Managers



**Reinsurance and
Exposure Analysts**



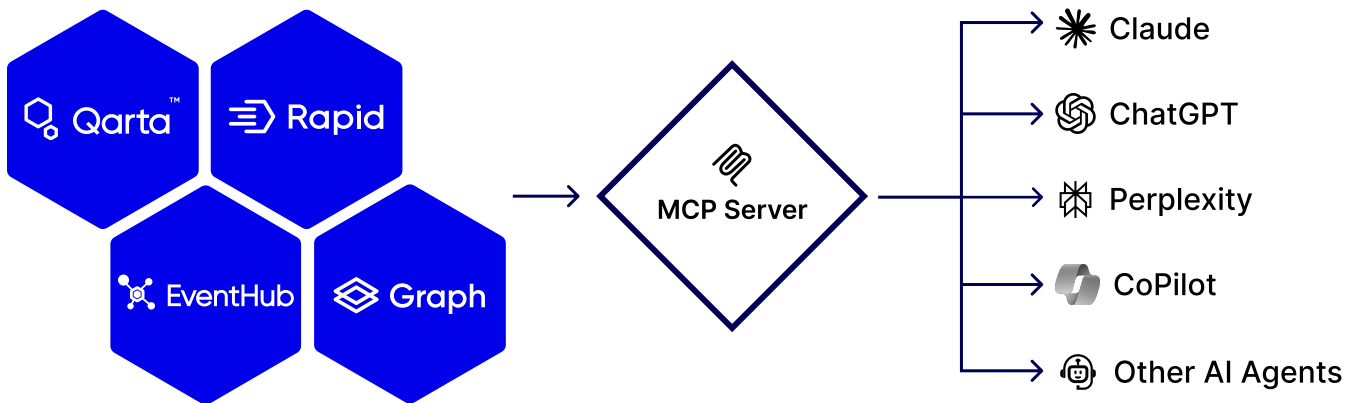
**Compliance and
Data Governance**



**Claims and
CAT Managers**

AI Integration & AI Readiness with MCP Server

The Model Context Protocol (MCP) unifies Quartile's product ecosystem (Qarta™, Graph, RAPID, and EventHUB) through a single, secure AI integration layer.



What MCP Delivers:



Seamless integration:

Single AI integration layer across all Quartile products.

Real-time, context-rich AI:

AI models gain access to live organizational data.

Efficiency and scalability:

Removes redundant integrations and reduces maintenance.

Future-proof and Secure:

Modular, extensible, enterprise-grade privacy and compliance.

This fully AI-enabled platform empowers insurers to harness AI-powered spatial analytics tailored to their unique needs, driving smarter decisions and unlocking greater business value.



Quartile delivers next-generation, cloud-native geo-intelligence solutions that empower organizations to manage, analyze, and distribute geospatial data at scale—securely, flexibly, and with industry-leading performance. Founded by experts from SwissRe, Oracle, HPE, Google, and ESRI, we specialize in delivering the fastest, most reliable geo-intelligence solutions for demanding enterprise projects.



Ready to power smarter underwriting and faster risk decisions?

Discover how RAPID delivers clean, enriched, and real-time risk intelligence for your insurance workflows.



Schedule a meeting

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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