RMS Location Intelligence API

Fast Risk Insights That Enable Superior Underwriting Decisions

KEY FEATURES AND BENEFITS

- **Fine-Tune Risk Differentiation:** The RMS Location Intelligence API brings the world's best catastrophe science to your underwriting decisions – for any risk, globally

- **Price Risk With Surgical Precision:** RMS Loss costs leverage market-leading RMS models for technical pricing on structure, contents, and business interruption risk – calibrated on billions of dollars of historical claims

- **Avoid Adverse Selection:** Bad risks can almost always find naive market capacity – don't be that capacity

- **Achieve Consistency in Underwriting Rules and Risk Appetite:** Ensure a consistent view across your organization with a common set of analytics used throughout the risk transfer process – modeling, capital management, and underwriting

- **Integrate Easily:** The RMS Location Intelligence API easily integrates seamlessly into your existing underwriting workflow so you can make better, faster, and more profitable decline/refer/quote decisions

Underwriting Transformed

To survive in today's competitive market, unyielding underwriting discipline is vital. Improper pricing assumptions, inappropriate declinations, and misalignment between underwriting and portfolio management can instantly erode underwriting margins.

Underwriting discipline requires data-driven decisions that utilize the market's most accurate risk indicators – provided by the RMS® Location Intelligence API.

Superior Data for a Competitive Advantage

Based on industry-leading models in over 100 countries, the RMS Location Intelligence API enables users to create a competitive advantage with real-time, location-level hazard, risk, and loss metrics that support virtually all workflows, including pricing, referrals, risk selection, screening, and large account risk assessment.

The RMS Location Intelligence API provides a step change in the ability to understand location-level risk and quickly make appropriate business decisions. Users can leverage the market's leading model science to build a better book of business, unlock opportunities within an existing book, expand into new territories with confidence, and ensure a consistent view of risk, from underwriting through to reinsurance purchase.

Enables Real-Time Underwriting Decisions

As underwriting workflows rapidly automate, real-time underwriting decisions will become the norm. With the Location Intelligence API, users can measure a location's distance to a coastline, cleanse and enhance submission data, and understand potential earthquake or hurricane risk – all within seconds. The API integrates seamlessly into existing workflows and can be deployed to a policy admin system, an underwriting application, an agency portal, or a simple spreadsheet.

RMS DATA

Geocoding

Geocoding translates addresses to coordinates. With building-footprint-level accuracy and an insurance-specific feature set, the RMS geocoder is foundational to measuring risk.

Hazard Metrics

Need to know if your risk is in a flood zone, a wildfire hazard area, or a coastal wind pool? What about the precise depth of its 100-year flood, if defenses succeed or fail? The Location Intelligence API provides this insight in milliseconds.

Loss Costs

In the absence of sufficient claims data, how do you price a contract covering rare natural catastrophes? RMS runs 50,000-year simulations to synthetically create these claims, allowing you to confidently price structure, contents, and time-element coverages.

Risk Scores

An RMS 1-to-10 score enables the right quote/decline/refer decision every time. Unlike inferior competing scoring products, RMS differentiates granularly between construction, occupancy, and height characteristics.

Exposure Attributes

Exposure attribute data drives many underwriting decisions. RMS combines thousands of data sources into a single property database with detailed parcel and building-level detail for over 100 million properties.

Partial List of RMS Data Layers

- U.S. Earthquake Risk Scores
- U.S. Earthquake Loss Costs
- U.S. Earthquake Shake Hazard
- U.S. Hurricane Risk Scores
- U.S. Hurricane Loss Costs
- U.S. Severe Convective Storm Risk Scores
- U.S. Severe Convective Storm Loss Costs
- U.S. Exposure Attributes
- U.S. Flood Risk Scores
- U.S. Flood Loss Costs
- U.S. Flood FEMA Zone Data
- U.S. Flood Susceptibility Data
- U.S. Flood Depth Data
- U.S. Wildfire Historical Activity
- U.S. Wildfire Hazard
- U.S. Winterstorm Risk Scores
- U.S. Winterstorm Loss Costs

- Australia Cyclone Risk Scores
- Australia Cyclone Loss Costs
- Australia Earthquake Risk Scores
- Australia Earthquake Loss Costs
- New Zealand Earthquake Shake Hazard
- Canada Severe Convective Storm Risk Scores
- Canada Severe Convective Storm Loss Costs
- Canada Winterstorm Risk Scores
- Canada Winterstorm Loss Costs
- Europe Inland Flood Depth
- Europe Inland Flood Risk Scores
- Europe Inland Flood Loss Costs
- Europe Windstorm Risk Scores
- Europe Windstorm Loss Costs
- Europe Earthquake Risk Scores
- Europe Earthquake Loss Costs

Global Data Layers

- Geocoding
- Distance to Coast
- Elevation
- Soil Type
- Liquefaction Susceptibility
- Landslide Susceptibility

Find Out More

Ask your RMS sales or customer services representative for a demonstration of how the RMS Location Intelligence API can assist you, or email **sales@rms.com**.

20191028