

MAPTYCS®

RISK ANALYTICS MADE EASY

GEOSPATIAL SOLUTION FOR PROPERTY RISK EXPOSURE MANAGEMENT, CLIMATE CHANGE ANALYSIS AND SEVERE WEATH-ER EVENTS MONITORING. — **66**

With Maptycs we improved our client servicing using advanced technology to help our corporate clients gain a better understanding of their property risk exposure and mitigate losses in real time during severe weather events. The geospatial analytics was instrumental in our renewal negotiations with insurers.

Head of property practice at an insurance brokerage company



🖾 info@maptycs.com



MAPTYCS®

MAPTYCS[®] is a geospatial risk assessment solution for property risk exposure management, climate risk analysis and real-time weather events monitoring. It is offered as a Software as a Service (SaaS) subscription.

- Users can visualize property portfolios on a map, whether it is a hundred or several thousands of locations and have direct access to all property's data from the map.
- External datasets including cat modeling results, are easily integrated into the platform whether in the form of government agencies risk maps or acquired from third-party providers.
- MAPTYCS[®] provides a powerful engine that combines multiple datasets to gain actionable insights and a granular understanding of the property risk exposure.
- The platform combines modern technologies with mature frameworks and languages, a powerful Geographic Information System (GIS), fully integrated Business Intelligence capabilities and a data warehouse to organize, store, and manage high volume of location-based data. As a result, users enjoy exciting data analytics in real-time and fast visualization.
- MAPTYCS^{^w} offers one of the most user-friendly experience in the market. The software can be used in standalone mode or can be integrated with existing RMIS systems via API.

Main capabilities

- Combine and analyze multiple datasets.
- Assess vulnerabilities to climate risks, natural disasters, and other large-scale events.
- Track accumulations of values with thematic maps, or clusters within a selected radius.
- Apply visual filters for detailed risk exposure on the selected areas.
- Individual building look-up with street view and comprehensive location risk profile.
- Dynamically filter portfolio assets and risk data by any value to perform in-depth risk assessment.
- Create custom and interactive risk analytics reports.
- Monitor live events as they unfold and receive customized notifications.
- Calculate projected losses in real-time.

Main benefits for risk managers

- Optimize the risk retention and transfer strategies.
- Proactively mitigate losses and manage business continuity to protect the company's operations during natural disasters.
- Develop interactive risk reports to negotiate risk transfer programs in the market.
- Share visual portfolio and situation presentation for impactful communication with senior management.

Main benefits for insurance brokers

- Improve client servicing using advanced technology.
- Complete and detailed submissions for renewal negotiations.
- Competitive advantage for client acquisition and retention.

[™] info@maptycs.com

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