

MAPTYCS®

**MANAGE PROPERTY  
AND CLIMATE RISK  
EXPOSURE**



[www.maptycs.com](http://www.maptycs.com)

## MAPTICS® IS A FAST AND EASY TO USE SOLUTION TO MANAGE PROPERTY RISK EXPOSURE AND EVENT RESPONSE.

The platform leverages location intelligence data with advanced geospatial technology to manage property portfolios data combined with risk intelligence data from renowned third-party providers and governmental agencies. It helps risk professionals assess property risks for a single location or across the entire portfolio. The platform tracks accumulations of values by selecting a geographical perimeter, mitigates and projects losses in real-time along with a flexible notifications system. MAPTICS® is powerful and can be integrated to existing client systems via API (Application Programming Interface).

## THE SOLUTION

*We recognize that data is only as useful as the insights you can draw from it.*

### Data Visualization



*All your data in one map, one table and one dashboard.*

- ✔ Upload and visualize large datasets from proprietary, public, and third-party sources for faster and more accurate analysis.
- ✔ Includes your property portfolios exposure data, natural catastrophes maps, historical events, information from government agencies & emergency response organizations.
- ✔ We build partnerships with the best and most established data providers.

### Custom & Automated Reporting



*Smarter decisions require smarter reports.*

- ✔ Automated renewal submission and ESG compliance reports.
- ✔ Customize dynamic and interactive reports to uncover actionable insights and share easy to understand analytics with stakeholders.
- ✔ Automated portfolio dashboard to track key indicators and review portfolio breakdown.

### Advanced Risk Analytics



*Easily assess property risk exposures and vulnerabilities.*

- ✔ Display property assets on a map and access all data from there to visualize the spread of values in your portfolio.
- ✔ Map portfolio data against CAT zones. Calculate and visualize accumulations of values on selected radius or geographic area.
- ✔ Draw shapes on the map to simulate unlimited "what if" scenarios for risk exposures analysis.

### Real Time Threat Monitoring



*Monitor real time events to manage crisis response.*

- ✔ Track weather events as they unfold to swiftly calculate projected losses and proactively manage loss mitigation, business continuity, and crisis response.
- ✔ Manage claims management resources with efficiency.

## MAPTYCS® USE CASES

- ☑ Single location risk profile
- ☑ Property portfolio(s) risk assessment
- ☑ What if scenarios
- ☑ Accumulations tracking
- ☑ Property underwriting
- ☑ Data augmentation
- ☑ Geospatial data ingestion
- ☑ Capital Management
- ☑ Renewals submissions
- ☑ Risk analytics and automated reports
- ☑ Climate Risk Assessment
- ☑ Event response management

## INSURER, REINSURER AND MGA (MANAGING GENERAL AGENT)

*Support risk selection and pricing.*

- Optimize reinsurance / retrocession buying and capital management.
- Improve underwriting profits with capacity optimization.
- Assess property losses with accuracy during and after severe weather events.
- Optimize event response and claims management resources.
- Help maintain adequate reserves for claim payouts.
- Contribute to fulfilling the company regulatory and rating agency requirements.

## External Data available in MAPTYCS® include

- FEMA USA (All perils, National Risk Index)
- Flood map UK (Environment Agency)
- FSI Canada (Flood Susceptibility Index)
- IPCC (CMIP6)
- Munich Re (Nathan all perils risk scoring)
- NOAA (National Oceanic and Atmospheric Administration)
- OpenWeatherMaps (Local agencies weather forecast)
- Precisely Wildfire
- PPRN France (Plan de Prévention des Risques Naturels)
- TensorFlight (Building attributes, replacement cost)
- USGS (United States Geological Survey)
- Xweather (Severe weather alerts)

## RISK MANAGER AND CAPTIVE MANAGER

*Optimize TCOR through enhanced risk exposure and risk transfer assessment.*

- More accurate risk exposure management for improved risk prevention and loss control.
- Anticipate and manage crisis proactively via real-time weather event monitoring.
- Improve risk transfer negotiation with accurate data and comprehensive renewal submissions.
- Communicate effectively risk management strategy through geospatial assessment and customized reports.

## INSURANCE AND REINSURANCE BROKER AND WHOLESALER

*Improve client servicing using advanced technology.*

- Develop and share with clients on-demand comprehensive risk analytics reports.
- Sharpen renewal negotiation skills with comprehensive and detailed submission reports.
- Add a competitive advantage for client acquisition and retention.

## ESG (ENVIRONMENTAL, SOCIAL AND GOVERNANCE) TEAM

*Contribute to the company climate risks reporting.*

- Assess climate change's impacts and compliance across properties portfolio.
- Identify vulnerabilities for any current property or future project and investment.
- Develop climate risks reports on any IPCC SSP scenario with time projections and recommend adjustments.

# MAPTICS<sup>®</sup>

SCAN FOR MORE



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