

Verisk Synergy Studio

Advanced catastrophe modeling for an evolving risk landscape

Verisk Synergy Studio brings catastrophe science, scalable analytics, and purpose-built workflows together in one cloud-native environment — so you can make faster, more defensible, more confident risk decisions.



Efficiencies that scale with your business

Automated workflows and scalable computing make your modeling operations faster, more reliable, and more consistent — cutting manual effort and freeing your team to focus on what matters most.



A platform powered by world-class models

Our gold-standard catastrophe models deliver a stable, science-backed view of risk. Open, interoperable access to Verisk and third-party models lets you model for your organization's unique view of risk.



Trusted expertise, from development to support

Built by the pioneers of catastrophe modeling, Verisk Synergy Studio is SOC 2 reviewed and backed by decades of expertise and personalized support — from onboarding through ongoing use.

Features and benefits

Powerful catastrophe modeling software that's fast, flexible, and scalable to support your most challenging decisions.



Location-level loss analytics

Model large-scale loss events against your portfolio to unlock location-level insights for more precise underwriting and deeper portfolio analysis.



Broader risk insight

Multi-dimensional views combine stochastic models, cedent experience, and exposure accumulations to give you a complete picture of risk.



Deeper science. Better decisions.

Every model runs against a single, consistent financial framework, so results across perils, regions, and lines of business are directly comparable and fully auditable.



Data query and custom reporting

Query your exposure, results, and reference data directly in a SQL-based environment and generate tailored outputs, from location-level detail to portfolio rollups.



Every Verisk model. One financial framework.

Every model runs against a single, consistent financial framework, so results across perils, regions, and lines of business are directly comparable and fully auditable.



API-first platform built for integrated risk management

RESTful APIs enable programmatic workflows, automated processing, and seamless integration with your existing systems — no manual intervention, no redundant data handling.



Flexible computing for demanding analysis

Elastic cloud computing removes hardware constraints, so your team can run larger catalogs and more complex scenarios without the bottlenecks that slow decisions at renewal or during a live event.



Enhanced accuracy for increased complexity

Graph-based, ledger-driven analytics capture the full economics of complex structures and portfolios, delivering accuracy that holds at any scale.



One view of risk, shared across the enterprise

Templated views of risk that scale across programs, portfolios, and the organization.

Catastrophe modeling software designed for the entire industry

Insurers

Run large-scale portfolios faster and more precisely. Support location-level loss analytics, outwards reinsurance structuring, and centralized exposure management all in one, consistent environment.

Reinsurers

Evaluate aggregated global exposures and model complex programs across perils and regions. Scalable cloud computing and a unified financial framework give your portfolio decisions the depth and defensibility they require.

Brokers

Analyze and compare client portfolios with confidence. Access to Verisk's full catastrophe model suite, interoperable data exchange, and consistent cross-peril results support the risk transfer advice your clients depend on.

Insurance-linked securities (ILS)

Evaluate and validate catastrophe-exposed positions precisely. Parametric trigger scenario development, detailed event parameters, and climate-conditioned views of risk give ILS fund managers the analytical rigor their investment decisions demand.



Ready to get started?

To learn more or speak with a member of the Verisk team, contact us via verisk.com/products/verisk-synergy-studio. Existing clients can access additional resources through the Verisk Catastrophe and Risk Solutions client portal.

