Understanding where risk meets opportunity
Striking the right balance between risk and opportunity can make all the difference.
When you’re facing complex risks, true insight is invaluable.

Using MetaRisk’s advanced capital modeling capabilities, you can zero in on key risk drivers and uncover the potential opportunities to make the best use of your capital.

Built and maintained by a dedicated development team, MetaRisk is flexible, responsive and scalable — offering complete transparency with no “black box” blind spots. It delivers deeper and more meaningful insights into your business so you can pursue your strategic objectives with confidence.
Your risks are multi-dimensional and dynamic. Your capital modeling tool should be, too.

To make the most informed decisions in a fast-moving environment, you need a tool with depth and precision. Using a unique timeline-based approach, MetaRisk distills complex risk data to create a clearer picture of your firm-specific risks and reveal opportunities for more effective use of capital across the enterprise.

Depth & precision

Focus on the data that matters most
Information is only valuable if you can quickly and efficiently make use of it. MetaRisk’s flexible and agile platform lets you evaluate complex, enterprise-wide data to identify the risks that matter most to you. Timeline-based simulations form a natural extension of the standard collective risk model to help you effectively respond to a dynamic risk environment. By generating more realistic scenarios, you can better predict how your risk position may evolve over time and see how events can trigger other events and responses.

Comprehensive and advanced capital modeling capabilities
MetaRisk is part of an end-to-end suite of risk assessment and capital modeling tools, offering the underwriting, reserving, catastrophe, credit and investment risk capabilities you need to address growing regulatory requirements and competitive challenges.

Sophisticated methodology
➔ Unique timeline-based framework
➔ Fully parameterized model to more accurately reflect individual firm risks
➔ Customized single- or multi-year stochastic modeling
➔ Multiple variations simultaneously and easily modeled
➔ Shorter input-to-analysis time frame to minimize risk
Uncover unique insights with an elegantly designed and intuitive application.

Smart design

When you need to evaluate your diverse and complex risks, clarity is key. MetaRisk’s intuitive organization and compelling visual design combine to create a sophisticated yet easy-to-use modeling solution that streamlines complex analyses to produce useful results faster.

A clearly organized toolset

➔ Intuitive and easy-to-use platform
➔ No programming required
➔ Streamlines workflow and communication across the enterprise
➔ Generates detailed reports, including financial statements, quickly and easily
➔ Transparent and easily auditable modeling

Easy to implement. Easy to use.

MetaRisk lets you and your team focus on analysis and spend less time deciphering complicated software. A smart visual design and parameterized model get users up and running quickly. Simplified integration of cat model output, reserve methodologies, economic scenarios and other integrated systems provides valuable insights.

More intuitive. Better communication.

MetaRisk was designed from the ground up to make powerful analysis more understandable and usable throughout your organization. There’s no need to learn complex programming languages, create model components from scratch or wait days for models to run.

MetaRisk puts the right tool in the right hands, empowering staff in multiple organizational levels and roles and serving as a communication tool throughout the firm.
Respond more effectively to diverse and evolving risks and opportunities.

Productivity focus

As your risk environment rapidly changes, you can quickly understand the impact and respond with MetaRisk. This flexible application is easily deployed throughout your enterprise so your team can be more productive. And there’s no need for expensive consulting, special hardware, or complex upgrades.

Sophisticated capital modeling without the hassle

MetaRisk was designed with productivity in mind. This technology easily runs on any standard computer. The result? Fewer dedicated resources required for deployment, improved integration throughout your enterprise, and a more seamless workflow. One license includes access to all functionality — providing the full power of the platform available to all users without additional tiered versioning.*

Training and support from capital modeling experts

A team of technical and capital modeling specialists provide the support and training you need so you can make full use of MetaRisk’s rich capabilities and features, while minimizing in-house development and ongoing consulting costs.

Greater efficiency

➔ Flexible and easy to deploy
➔ Fastest simulation and model building available
➔ No hidden costs, one license includes all functionality*
➔ Runs on any standard desktop or laptop with no special hardware required and is also optimized to effectively utilize high-powered servers to achieve unmatched performance
➔ Fewer dedicated resources required to deploy and operate
➔ Training and support from capital modeling experts — no ongoing consulting costs
Committed to expanding and deepening our capabilities — and your insight.

Continuous enhancement

As the risk environment continues to evolve, MetaRisk evolves, too. Our dedicated development team regularly releases updates to add features that enhance productivity and performance, deliver deeper insights, and reveal new opportunities.

A solution that evolves with your business
Today’s solutions can’t always meet tomorrow’s needs. Guy Carpenter’s own analysts have used MetaRisk as their application of choice for more than 20 years. That’s why we continue to research, evaluate, test and expand MetaRisk’s capabilities.

Part of a full suite of tools
Depending on your objectives, specific business needs and desired resource investment, we offer a range of economic capital modeling solutions and services. Guy Carpenter can work with you to customize and implement the solution that best serves your firm’s unique needs.

Meet long-term needs

➔ Continually fine-tuned to integrate advancing technology
➔ Built on a proven, high-volume platform
➔ Supported by talented and dedicated development team based in the U.S. with supporting experts worldwide
➔ Used by leading risk experts, including hundreds of licensed users globally and Guy Carpenter’s own analysts
➔ Part of a sophisticated and extensive suite of capital modeling solutions
For more information about the MetaRisk Tool Suite and Guy Carpenter’s other capital modeling solutions, please contact:

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About Guy Carpenter

Guy Carpenter & Company, LLC is a global leader in providing risk and reinsurance intermediary services. With over 50 offices worldwide, Guy Carpenter creates and executes reinsurance solutions and delivers capital market solutions** for clients across the globe. The firm’s full breadth of services includes line-of-business expertise in agriculture; aviation; casualty clash; construction and engineering; cyber solutions; excess and umbrella; excess and surplus lines; healthcare & life; marine and energy; mutual insurance companies; political risk and trade credit; professional liability; property; public sector; retrocessional reinsurance; surety; terrorism and workers compensation. GC Fac® is Guy Carpenter’s dedicated global facultative reinsurance unit that provides placement strategies, timely market access and centralized management of facultative reinsurance solutions. In addition, GC Analytics*** utilizes industry-leading quantitative skills and modeling tools that optimize the reinsurance decision-making process and help make the firm’s clients more successful. For more information, visit www.guycarp.com and follow Guy Carpenter on Twitter @GuyCarpenter.

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