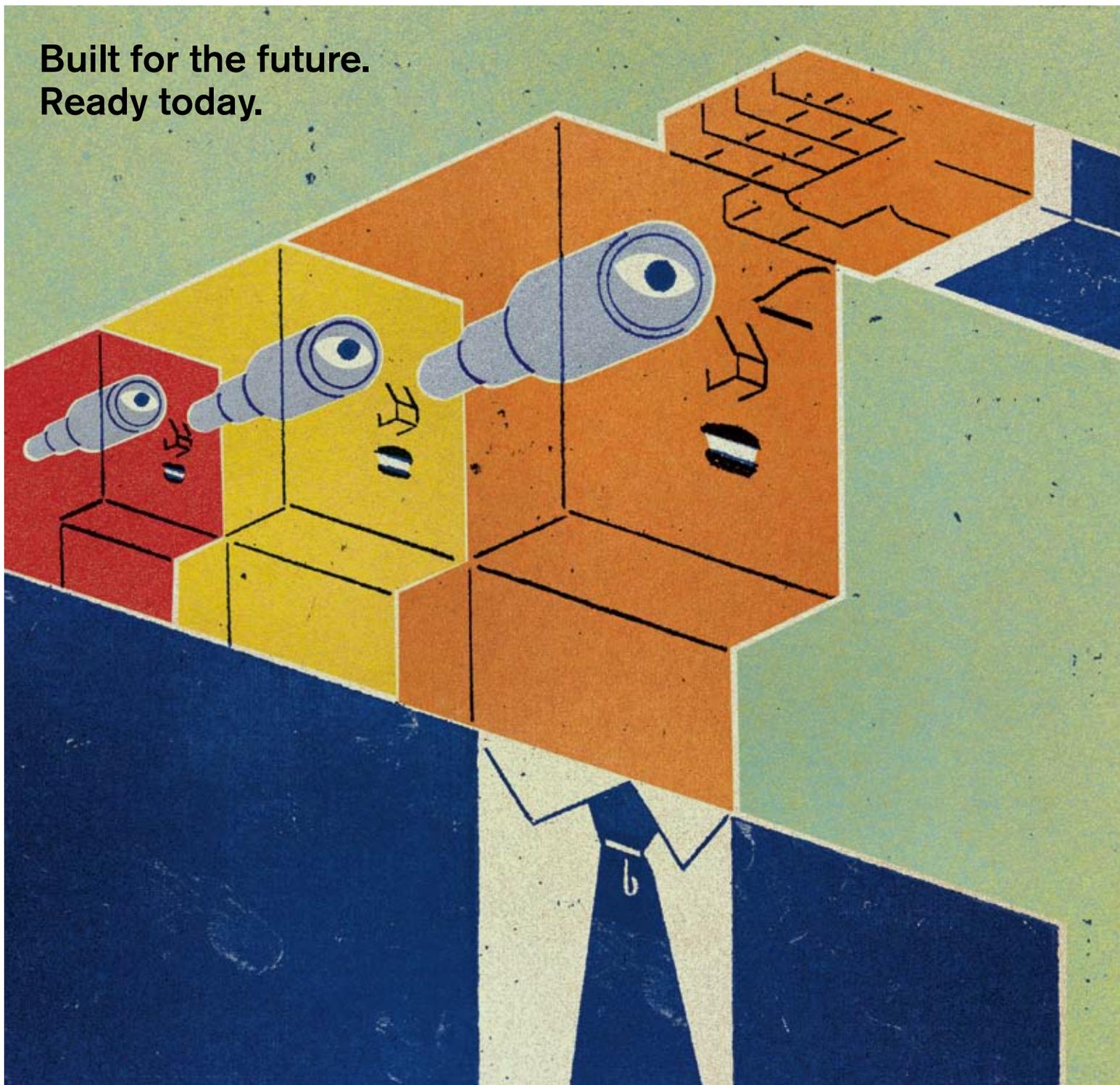


The proven financial modeling solution from Milliman.



Milliman MG-ALFA®

Built for the future.
Ready today.



Vision: The future of financial modeling here and now.

With changes in regulatory requirements and insurance accounting around the world, the future holds significant computational challenges. Success will require technology that supports new modeling approaches and more compute-intensive calculations.

MG-ALFA[®], Milliman's market-leading financial modeling solution, gives you competitive advantage today and anticipates the needs of tomorrow. It offers stochastic and nested stochastic capabilities, and delivers the speed and capacity to run advanced analysis in real time. These capabilities equip you for the changes ahead. And they let you capitalize right now on the rapid evolution of complex product features and advanced risk management analytics.

MG-ALFA IS:

Complete:

The most robust software platform available, with the broadest set of built-in pricing and financial projection capabilities – so you can implement quickly and maximize value from the system. Supports more product features, regulatory requirements, and asset analytics with less required customization.

Flexible:

Offers the best out-of-the-box capabilities but is also extremely flexible. Users can easily customize inputs, formulas, and reporting to meet their unique needs. An intuitive formula syntax allows users to easily leverage the system's flexibility, while control utilities meet the requirements of a production environment.

Easy:

Extraordinarily user-friendly – from single-file input and management to flexible reporting to push-button upgrades. Includes a broad selection of utilities to minimize task time and eliminate redundant effort.

Fast:

Specifically built for speed in running complex ALM models, with an innovative design that dramatically reduces project start-to-finish time. You'll gain efficiency with automated production modeling that streamlines the model refresh process and shortens the reporting cycle.

Powerful:

Delivers unmatched capacity, especially in ALM mode. Offers stochastic and nested stochastic functionality and a range of grid computing options to produce results in real time.

Accurate:

Unique underlying accounting structure protects calculation integrity while facilitating modification – coupled with a full range of audit tools to deliver results you can count on to make critical business decisions with confidence.

Seamless:

Delivers consistency and control and simplifies processes with data, models, and all applications integrated into a single platform.

Design: Intelligent design leveraging advanced technology.

MG-ALFA delivers the perfect balance of flexibility and calculation integrity, along with market-leading efficiency. In short, we combine advanced technology with intelligent technical design to give you the best system available today.

Flexibility

Our formula database uses an intuitive syntax that is easily learned and customized without a programming background or dedicated programming support. Advanced users can also customize complex components of the calculations directly using the C programming language.

Integrity

The underlying accounting structure uses a general ledger design and fundamental accounting principles to protect calculation integrity, while simultaneously facilitating customization of the formula database. This gives you just the right balance between the flexibility of open code and the control required for management confidence and regulatory compliance.

Efficiency

MG-ALFA was designed to reduce overall time to completion for routine tasks and large modeling projects alike. The system includes easy-to-use input utilities, a simple file structure, extensive validation tools, and a number of flexible reporting options. And it is extremely fast, decreasing runtime and increasing time for analysis.

As both business and technical experts, we understand the daily challenges of your users and know how to address them.

- **User interface:** The MG-ALFA user interface is designed to minimize navigation time and maximize efficiency. Designed by actuaries for actuaries, it offers a full range of utilities to facilitate all modeling tasks.
- **Grid computing:** Milliman pioneered the grid enablement of actuarial projection software. We now offer a variety of grid options so you can create the infrastructure that best suits your budget and financial modeling needs.
- **Security and control:** With MG-ALFA, you get the utmost in flexibility without worrying about loss of control. We deliver industry-leading security and control features that allow you to comply with Sarbanes-Oxley and other regulatory requirements.

Milliman is constantly building on MG-ALFA's solid foundation to enhance the system and integrate it with other software applications. We have consistently delivered high-quality, content-rich upgrades, on time, for many years. A streamlined upgrade process allows you to quickly take advantage of new releases.

FEATURE-RICH AND FUTURE-PROOF

We created the MG-ALFA platform specifically for the life insurance industry, so every attribute is geared toward your environment, daily tasks, and business success.

TECHNOLOGY ADVANTAGES	<ul style="list-style-type: none">• Proprietary memory management• Native ALM design	<ul style="list-style-type: none">• Speed and capacity• Distributed computing
ARCHITECTURE FOR CONVERGENCE	<ul style="list-style-type: none">• Same models for many purposes• Consistency and efficiency	<ul style="list-style-type: none">• Compression appropriate for analysis• Corporate modeling options
ADVANCED ANALYTIC CAPABILITIES	<ul style="list-style-type: none">• ALM• Stochastic projections and pricing	<ul style="list-style-type: none">• Nested stochastics (Project stochastic values for PBA, Solvency II, GAAP, IFRS)• Powerful enough for stochastic/nested stochastic using realistic models

Success: A proven solution powered by experience.

MG-ALFA is backed by the most respected name in the industry. Milliman actuaries have been helping life insurers tackle their toughest problems for more than 60 years. When our consultants needed a tool to meet the rapidly changing needs of their clients, we developed our own financial modeling system.

Built on half a century of insight, MG-ALFA is continually refined based on the feedback of Milliman actuaries in today's markets. Our expertise and experience have enabled us to anticipate trends and design for longevity. MG-ALFA delivers functionality and expandability that's ahead of the curve and applicable for years to come – available right now.

As actuaries, we recognize the importance of technology. But we also know that a solid business product goes beyond the underlying software. When you choose MG-ALFA, you get the benefit of Milliman's impressive track record of successful implementation. The formula for this success is the synergy of our actuarial knowledge, business

experience, and technical proficiency. We offer superior software, documented processes, expert implementation assistance, and outstanding ongoing support.

MG-ALFA has proven itself in the marketplace with more than a decade of client growth, retention, and expansion. Our implementations are on time and on budget. Our customers are using MG-ALFA broadly throughout their organizations. This is because the system meets all their needs today, with implementations measured in months rather than years, allowing for successful completion of project objectives.

WHAT'S BEHIND THE MG-ALFA DIFFERENCE?

It starts with Milliman's independent ownership. This gives us an uncommon level of professional freedom to focus on your needs and on the best, most innovative ways to meet them. MG-ALFA has evolved with total control over all elements, and an impeccable history of development pace and high quality standards.

The MG-ALFA team brings together more than 300 years of combined experience in actuarial systems and insurance. We hire the best in the industry and create a collaborative setting where a unified group

designs the software, defines and writes the business logic, and provides the technical support for the product. Because our own consultants use MG-ALFA, you can be sure it has been tested to stand up to the same demands you face, and that it will continue to be improved and supported.

This business model has stood the test of time for Milliman. It has driven the success of our many clients. And it is available today to meet your financial modeling needs.

WHAT CAN MG-ALFA DO FOR YOU?

Pricing

Planning & Forecasting

Corporate Modeling

Asset-Liability Management

Capital Management

Sensitivity Analysis

Stochastic Analysis

Nested Stochastic Analysis

Financial Reporting & Valuation

Find out what MG-ALFA can do for your company. To learn more or request a demonstration, please contact Brian Reid at + 1 860 535 0573 or brian.reid@milliman.com.



About Milliman

For more than 60 years, Milliman has pioneered strategies, tools, and solutions worldwide. One of the largest consulting and actuarial firms in the United States, we are recognized leaders who have helped shape significant changes in the markets we serve. Set apart by our independent ownership, we deliver unbiased advice based solely on what's best for our clients.

Milliman insight reaches across global boundaries and multiple industries, offering specialized consulting services in healthcare, employee benefits, life insurance and financial services, and property and casualty insurance. Within these practices, our consultants serve a wide range of clients, with highly personalized service and a unique combination of actuarial and business expertise. With offices in principal cities worldwide, Milliman combines global experience with local knowledge. We can help you be prepared to operate in new markets, expand beyond your boundaries, and understand how your industry is affected by developments around the world.

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