GET **MORE** OUT OF YOUR MODELS

HOW IS YOUR
TIME WASTED?

Actuaries too often spend too much time performing non-actuarial tasks. They struggle to build models that match the risk profiles of their business because their systems just aren't flexible enough to handle unique products.

Or they want new capabilities but are stuck waiting for the next annual software release, forcing them to develop their own workaround to just "get it done".

Or they get distracted by manually consolidating results from distrbuted products.

Or they have to deal with IT issues like servers and network connections that are unstable, don't scale with expanding workloads, or cost too much to upgrade.

Or they just spend too much time getting up to speed, because their systems aren't intuitive, their files aren't organized, and their workflows aren't streamlined.
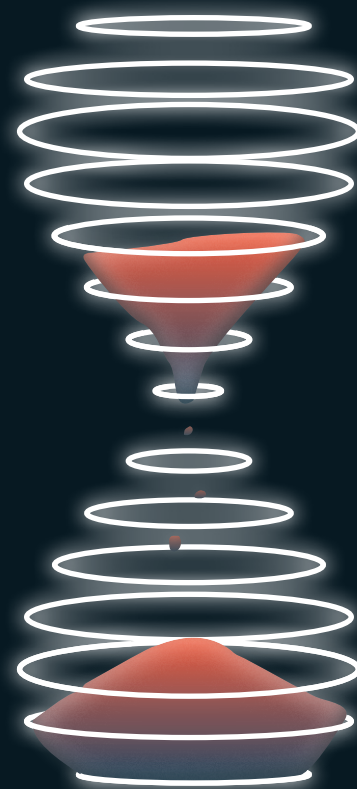
What would you do if you had that time back?

Would you perform additional analysis?

Would you make a deeper dive into model discrepancies that you're seeing?

Would you have a more thorough explanation of any question asked of you?

Wouldn't you be a better actuary?

SOLUTIONS

SLOPE is the first and only fully-hosted actuarial cash flow modeling platform. It has been built from the ground-up and at every step of the way to eliminate all those little elements that waste valuable time.

With no proprietary data format, you spend less time extracting, transforming, and loading data, and more time investigating the results. **The integrated business intelligence tool** ensures you never have to do your own aggregation to create effective visualizations. **The no-code formula editor** means you don't have to brush up on your C++ programming skills in order to change a formula. Plus, since SLOPE is a **fully-hosted solution**, you never have to worry about maintaining your own internal computing infrastructure.

SLOPE is appropriate for projecting cash flows at all points in the policy life cycle:

PRICING

Explore the wide range of product-level features and options before launch. Solve for specific values like premium rates or even IRR. Give your marketing department the information they need to make the best decisions for growth and profitability.

VALUATION

Use model-level permissions and grant access only to those who need it at only the right time, ensuring unintended changes never get put into production. Using the integrated business intelligence tool, create regular roll forwards and have consistent explanations at your fingertips.

FORECAST

Perform financial forecasts, CFT, Economic Capital measurements, ERM projections, Investment Strategy analyses, and more. Dynamic processing at multiple levels and flexibility at every point means you can analyze the future the way you need to.

IFRS17

Incorporate market values of assets and liabilities for effective risk management. Calculation of values for all three methodologies: Building Block, Premium Allocation, and Variable Fee Approach.

US STAT

SLOPE is appropriate for all pre-PBR and PBR reserve calculations and forecasts, including VM-20, VM-21, C3 Phase 1, C3 Phase 2, and more.

US GAAP

Complete Long-Duration Targeted Improvements (LDTI) and non-LDTI calculations within the SLOPE system. Set up automatic cohorting and roll forwards using dynamic arrays.

HOW SLOPE WORKS

DEVELOP
Use the no-code formula builder to create relationships between variables. Adapt the system to meet your risks, not the other way around. Intuitive. Visible. Clear.

ANALYZE
Access a single, consolidated reporting database. Investigate results using an integrated business intelligence tool. Develop actionable insights and inspiring visualizations.

DEFINE
Set table structures and see automatic validation of applicable data tables. Assign assumption sets for simplicity and replicability. Automatically version all tables and files used in your projections.

EXECUTE
Stack assumption sets for consistent application every projection period. Automatically distribute work to virtual machines, scaling resources to match your needs.

MANAGE
Compare current and prior versions of all model components. Understand what changed and when. Incorporate functionality across your models by merging at the touch of a button.

CASE STUDY

Funeral Directors Life is a pre-need insurance company with a small actuarial department. Dwayne McGraw, their Chief Actuary, wasn't happy with their pricing process. Using a legacy actuarial system, their pricing cycle time was approximately two weeks. And that included extra work-arounds to "trick" the system into calculating values. That left them lagging behind the market and unable to proactively manage their business the way they wanted.

Upgrading to the newest version of the current system was also out of the question. Not only did it take four months just to get a quote, the cost for the custom change to handle their products was more than the cost of a full-time employee. It wasn't worth it.

Funeral Directors Life discovered SLOPE, implemented it, and immediately saw value. They eliminated work-arounds, got flexibility to match their unique product features, and have support from a dedicated account representative. All together, that means McGraw is producing results much faster than before. Two weeks has been slashed to just 4 hours. **That's a 95% reduction.**

Now, Funeral Directors Life has the opportunity to be a market leader, because they can manage their business the way they want to. McGraw is delighted with the vastly shortened turnaround time and modeling flexibility that SLOPE's modern actuarial software offers.

"We can set the market, rather than trying to follow it."
Dwayne McGraw, Chief Actuary, Funeral Directors Life

TESTIMONIALS

I'm always impressed with how responsive Slope is to feedback and suggestions. Their frequent releases mean they can implement system changes in a short time frame, and they're always very accommodating to whatever features users actually need and want. Plus, because they can see the model exactly as we see it, they can help figure out just what's wrong right then and there, no waiting to package it up and ship it off to get it debugged. It makes the whole process much faster.

Trevor Huseman, FSA, MAAA
Vice President, Miller & Newberg

Slope isn't intimidating at all. It's not a closed box; it's a very open, visually inviting piece of software. And the graphical output options are incredible.

Dorothy Andrews, FSA, MAAA
Principal and Chief Behavioral Scientist,
Actuarial and Analytics Consortium

COMPANY

What do you get when you combine the expertise of a credentialed actuary with an experienced software leader who 10Xed a development team? You get enterprise-quality software-as-a-service that unleashes actuaries to do more than they thought possible.

Slope Software is the brainchild of co-founders Andy Smith, FSA, and Taylor Perkins, who have combined to give actuaries their first upgrade in two decades. Together they've built SLOPE, the flagship product, to be the premier tool for modern actuarial work.

Now, Andy and Taylor lead a diverse team of professionals, who together:

- Have a combined 90 years of first-hand actuarial experience, covering pricing, valuation, and forecasting for life insurance, annuities, and disability products;

- Have built and grown 3 different B2B SaaS products,

- Speak 5 languages,

- Live in 3 different states, and

- Are finally giving actuaries the tools they need to be actuaries, not programmers or data wranglers.

It's about time.

Co-Founders
Taylor Perkins & Andy Smith