Flexible and easy to use, web-based Milliman Mind converts Excel spreadsheets into powerful models with all the features and auditability of more expensive “black box” systems.

**Here’s how it works**

Milliman Mind takes the best of all actuarial modeling solutions and integrates them into a seamless solution:

- **The accessibility and agility of Microsoft Excel**
  - Step 1: Design the model in Excel
    - Known language
    - Agile solution
    - Milliman Mind for Excel extension

- **The robust computing power of C#**
  - Step 2: Automatically convert into C#
    - Simple drag & drop
    - Powerful
    - Result check
    - Multithreading

- **The complete audit trail and workflow of a specialized SaaS**
  - Step 3: Set up the workflow and go into production
    - Audit trail
    - Workflows
    - Sign offs

**Data preparation**
Design any ETL process

**Complex actuarial models**
Life, non-life, health, cyber

**Solvency II**
Pillar 1, Pillar 2 (ORSA)
Pillar 3 (XBRL included)

**Unit test models**
Better performance and easier than Excel

**An all-in-one platform for your entire team**
Integrate your whole process into a workflow and go to production
Benefits

Streamlined deployment
As a web- and cloud-based application, Milliman Mind requires no installation on local servers or workstations. We handle the updates — you choose when they are applied.

Efficient computing
Milliman Mind reduces coding time required, runtime, RAM consumption, and even energy consumption, using up to 20 times less energy than Python models, for example.

Powerful API
A public API enables you to fully integrate Milliman Mind with your existing tools. Ingest data, launch complex calculations, and export results directly from your servers or mainframe.

Governance and control
Restrict model access with customisable rights management based on easy-to-configure roles.

End-to-end auditing
Track every change to your models, including when and by whom they were made, as well as who validated and signed a given project.

Technical advantages

Easy modification
Seamlessly convert models from Excel to Milliman Mind — and back again — with no functional degradation.

Optimized calculations
A powerful, multi-threaded, AI-based calculation engine optimises memory consumption for faster results and lower costs.

Insurance ERM Awards
Actuarial modelling solution of the Year: 2023
End-user Computing Risk Management Solution of the Year: 2020
Stress Scenarios Software of the Year: 2018/2019, 2021
The independent judging panel praised Milliman Mind for capturing key enterprise risk management challenges.

To learn more about how Milliman Mind can help your business,
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Visit: www.milliman.com/millimanmind