

Reinsurance Solutions

NatCat Modelling Engine (NCME)

Evolve your risk selection and pricing with cutting-edge natural catastrophe models



Your Needs



Data

- Complete loss data to evaluate and quantify natural catastrophe risks.
- Consistent and thorough insights from newer data sources.



Expertise

- Easy-to-implement NatCat models to save time and resources.
- Underwriting expertise to accurately parametrise and apply models.



Efficiency

- Dependable data sources for an efficient underwriting process.
- Plug-and-play solutions that can be easily implemented to existing systems.



Depth

Dynamic NatCat tariff to provide sufficient risk differentiation and long-term pricing adequacy.

Our Solution



Cutting-edge modelling

- Model suite comprising 160+ NatCat risk models across the world, covering six main perils.
- Continuously calibrated risk view, thanks to a direct feedback loop from underwriting and claims to model development.



Access to expertise

- Proprietary modelling backed by decades of R&D, 160 years of underwriting and continuous investment.
- Access to underwriting experts from a truly global and leading NatCat reinsurer.
- In-house model development meaning, access to tailor-made frameworks for each client.



Next-in-class technology

- Trusted ratings from one single source.
- The latest API technology that is highly flexible for efficient integration into client's underwriting systems.
- Rating results return within seconds.
- A fully customisable consumer front-end offered upon request.



Enhanced granularity

- Granular, detailed, dynamic models that account for full exposure information and insurance conditions.
- Tailormade adjustments for your needs such as specific risk characteristics and underwriting practice during the risk assessment.

Impact & Beyond



Peace of mind

with solutions that are built on Swiss Re's own proprietary models.



Agility

with the potential to go from product design to market in months.



Profitability

with improved, detailed and adequate risk assessment.



Growth

in the number of new policies written every year.



Customers are becoming more aware of their true risk to flood damage; and since the price more accurately reflects the risk, they're now making the good decision to obtain this new coverage.

– Locke Burt,
Chairman and President,
Security First

CatServer API

- Assess NatCat business on an individual risk level using Swiss Re's 160+ global, multi-peril NatCat models.
- Integrate Swiss Re's NatCat data into your costing and pricing tools via a highly customisable API.
- Access previously inaccessible risk pools, thanks to enhanced data and risk knowledge.

CatServer Quoting Solution

- A tailored solution with end-to-end support at every stage of product development for your bespoke business needs.
- Available either with a Web User Interface or as an API.
 - Combines costing of NatCat risk with customisable pricing/quoting approaches and methodologies.
 - Includes Quick Flood Cover, a plug-and-play solution powered by Milliman Applesseed's pre-approved rating plans and forms.



Interested in finding out more?
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