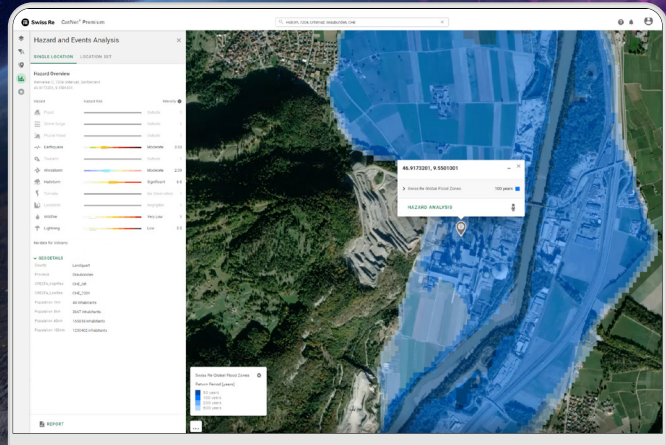


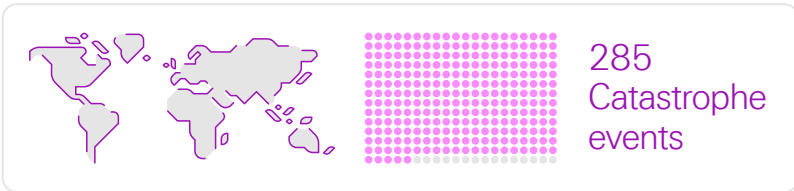
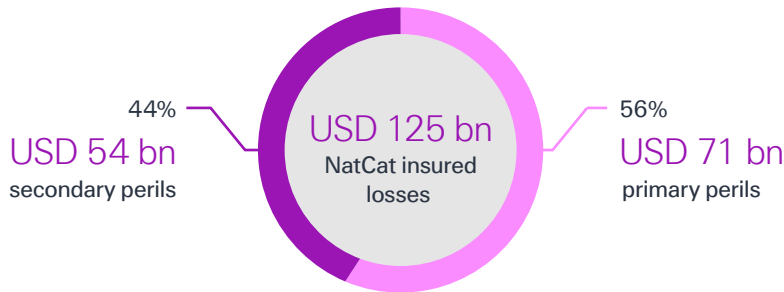
## Reinsurance Solutions

Catastrophes have increased over the years. It's time to evolve your location intelligence too!

Upgrade to CatNet® Premium NOW

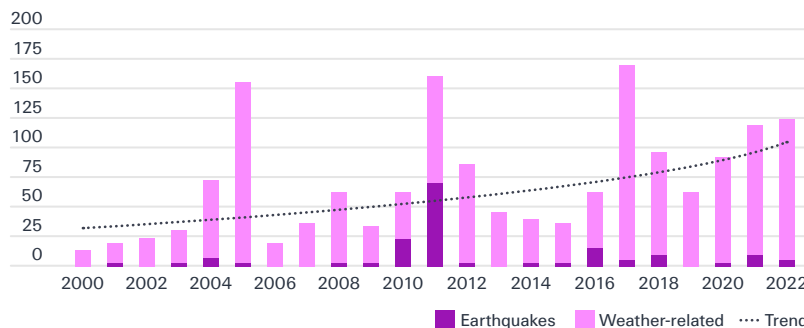


In 2022, insured losses were well above the 10-year average\*



Insured losses will likely continue to grow by 5-7% annually

Growth in global natural catastrophe insured losses in USD billion (2022 prices)



More hazards.  
More locations.  
More accuracy.

Make risks more predictable with CatNet® Premium

With the increasing frequency and severity of natural disasters, insurers need an enhanced view of risks. CatNet® Premium provides exactly that.

By offering more hazard data, covering an extensive range of locations, delivering increased accuracy and a view on climate change, CatNet® Premium helps you make informed decisions and better manage your exposure to natural catastrophes.

Upgrading to CatNet® Premium helps you with invaluable insights beyond historical data, enabling you to proactively navigate the evolving risks and protect your clients and bottom line.



Connect with us today to discuss how you can enhance your CatNet® experience.

In 2022, 40% of CatNet® Basic customers have upgraded to CatNet® Premium

79  
countries

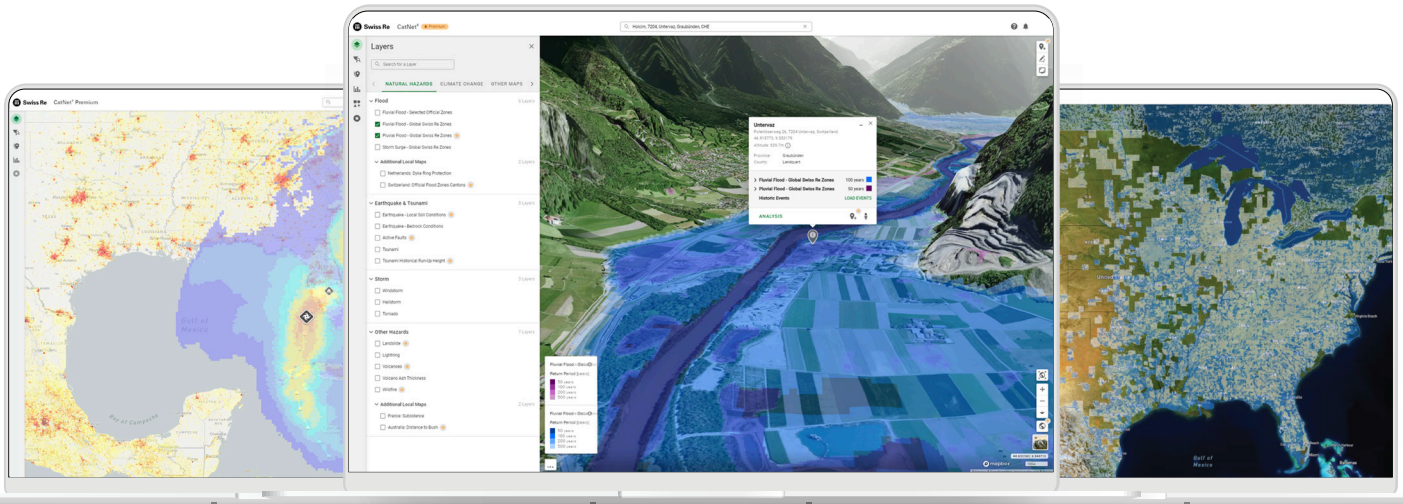
250+  
insurance companies

6 500+  
registered users

275k+  
logins

170 mn  
hazard lookups

CatNet® Premium numbers as of 2022



CatNet® Premium is not just focused on insurance but rather extends to exploring questions like: What do we do to mitigate risks posed by exposures to natural hazards and how do we prepare ourselves? What's the impact on us from a financial standpoint? And how will that affect the balance sheet?

– Martyn Thompson  
Executive General Manager, Corporate Development, Steadfast Group

### What's different in CatNet® Premium?



#### Hazard Intelligence

Access to 12 natural hazards and historical weather data, 5 climate change scores, geopolitical risk and advanced flood analysis.



#### Hazard Event Analysis

Analyse historical and current hazard events to assess impact on single locations and portfolios.



#### Hazard Analysis and Reporting

Leverage advanced location view including 3D visualisation to understand topographical features and hazard occurrence, defining or importing geo-shapes to perform accumulation control, analysing and storing portfolios with up to 10 000 locations, obtaining detailed results in Excel format for further analysis.

Upgrade to CatNet® Premium NOW

	Data	CatNet® Basic	CatNet® Premium	Added value for Premium users
<b>Event</b>	High-resolution Event Footprints of Storm (Tropical Cyclone, European winter storm), Earthquake, Flood	✗	✓	Location Set Hazard Analysis to analyse and deep dive into NatCat & other exposures for larger location sets within minutes (300 locations for Basic users and 10 000 locations for Premium users)
<b>Hazard</b>	Flood: Swiss Re Global Flood Zones, Official Flood Zones, Global Storm Surge Zones	✓	✓	Get full data set (availability of official flood zones under review, additional countries in the pipeline)
	Flood: Swiss Re Pluvial Flood Zones	✗	✓	Detect flash flood risk in small catchment areas and get a more comprehensive insight for flood exposure
	Earthquake & Tsunami (Earthquake fault lines & soil conditions)	✓	✓	Better understand earthquake occurrence and local soil conditions, allowing a more specific site risk assessment
	Storm Hazards: Windspeed, Hailstorm, Tornado	✓	✓	
	Other Hazards: Lightning, Volcano Ash Thickness, Subsidence (France)	✓	✓	
	Landslide	✗	✓	Get additional insights on another flood related risk
	Wildfire	✗	✓	Assess likelihood for the occurrence of wildfires depending on the intrinsic characteristics of the region
	Tsunami run-up height layer	✗	✓	Global listing of historical tsunami source events and run-up heights
	Volcano location layer	✗	✓	Global database of all volcanoes which were active at least once during the last 10 000 years
	Future high-resolution data sets	✗	✓	Get unique, useful data from leading data providers
<b>Sustainability</b>	Biodiversity Ecosystem Services (BES) Index	✗	✓	Look beyond property risks, get insights on biodiversity and justify sustainable choice of a location, e.g. for a construction project
	Climate Change - extreme precipitation, drought, heat waves and sea level rise	✗	✓	Better understand how climate change will affect your portfolio and assess how your risk will be exposed to changes in the dryness until 2040
<b>General</b>	Background Maps, Satellite imagery	✓	✓	
	Other Maps (population, landcover, CRESTA Zones etc.)	✓	✓	
	Distance to coast	✗	✓	Include distance to coast into your wind analysis
	Distance to bush (Australia)	✗	✓	Assess proximity to vegetation in case of widespread fires

	Functionality	CatNet® Basic	CatNet® Premium	Added value for Premium users
Single site	Single Site Assessment Dashboard & Report	✓	✓	Get an enhanced PDF report including all quantitative NatCat information at a location Choose if you want a short or full report
	Satellite street level view	✓	✓	
Multi location	Store your Location Sets	✗	✓	Keep your data in the tool for re-use, e.g. accumulation control, portfolio management, proceed your work on the next day
	Import & visualise your Location Sets (based on CRESTA Zones)	✗	Up to 10 000 locations, >1 data set	Use High/Low Resolution CRESTA Zones (often ZIP code based; up to 250 000 zones globally) for various analyses.
	Filter your Location Sets by certain attributes	✓	✓	
	Location Set Hazard Assessment Dashboard, Report, Export Excel	Up to 300 locations, 1 data set	Up to 10 000 locations, >1 data set	Process your regional portfolio, especially useful to support UW process & for accumulation control
	Location Set Hazard Assessment Dashboard, Report, Export Excel: Climate Change & "Other Maps"	✗	✓	Get deep dive climate risk insights incl. reports & do assessments on other maps like biodiversity, population, distance to coast and climate change
	Location Set Event Assessment Dashboard, Report, Export Excel: Real-time & Historic Event Footprints	✗	✓	Assess the impact of an earthquake, storm, or flood, plan loss settlement, share the results with other parties
	Visualise your exposure distribution as heatmap	✗	✓	Detect your exposure hotspots easily
General	General Tools (Zoom, Pan, Measure, Elevation...)	✓	✓	
	Sharing of PDF reports with third parties	✗	✓	Share PDF reports (subject to Terms of Use restrictions) with your customer for free (charging not allowed)
	Historical weather data	✗	✓	Analyse historical weather data at any location to support risk and claims assessments
	Frequency analysis per region: Earthquake, Tropical Cyclone	✗	✓	Get more insights on Earthquake and Tropical Cyclone risk for your region of interest
	Visualise maps in 3D	✗	✓	Get better insights on terrain, which is especially useful in the context of flood

Interested in finding out more?  
Contact us at  
[catnet@swissre.com](mailto:catnet@swissre.com)



Swiss Reinsurance Company Ltd.  
Mythenquai 50  
8002 Zurich, Switzerland

Telephone +41 43 285 21 21 | Fax +41 43 285 29 99  
[swissre.com/catnet](http://swissre.com/catnet)