Real-Time Analytics & Data Management at scale

Market Risk Analytics

Our award-winning & top-ranked solution for financial institutions

Data Management Insight Awards Europe 2023 Winner — Best Data Platform for Risk and Portfolio Analytics — Opensee

Inside Market Data & Inside Reference Data Awards Winner 2023 — Best Risk Data Aggregation Initiative — Opensee

Risk Markets Technology Awards 2023 Winner — Fundamental Review of the Trading Book product of the year — Opensee

Chartis RiskTech Quadrant® Category Leader — Risk Data Aggregation Solutions, 2023

"This is a **game changer** for banks in terms of **improving the speed, efficiency** and **governance of risk management.**"

CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK

"Opensee enabled us to analyze and manage our market and counterparty risks as well as our capital **more accurately and efficiently.**"

SOCIETE GENERALE

"Opensee is **leading financial analytics** with great power to **centralize fragmented data.**"

UK Tier 1 Bank

Problems we solve

- **Limited access to historical & granular data** for sensitivities, VaR, FRTB and other metrics.
- **Slow & complex implementation** of regulatory metrics (FRTB SA, FRTB IMA, etc.) with limited analytics.
- **Siloed & fragmented datasets** across Market Risk (Sensitivities, P&L, etc.).
- **Reliance on IT** for a variety of tasks that business users should be empowered to handle on their own.
- **Expensive infrastructure and run costs** especially for in-memory solutions.
- **Inefficient & manual certification processes** generating high operational risks.

Business benefits

Explore your data instantly

Get access to 100% of your data in real-time down to any historical trade level details. Extract meaningful insights from billions of data points.

Go beyond calculation

Calculate and understand VaR, FRTB, or any business metric using self-service tools, including user-defined functions in Python and pre-built regulatory calculators.

See impact of adjustments

Simulate (transactions, stress scenarios, strategies) and asses the impact of any change or intraday trade on your VaR or Expected Shortfall in real-time.

Cut infrastructure costs

Reduce your data and infrastructure costs by up to 90% thanks to a flexible deployment (on any cloud, on-premise, or hybrid cluster).

Accelerate regulatory reporting

Respond in hours, instead of days or weeks. Help ensure compliance with internal and regulatory requirements, leveraging our ISDA certified FRTB SA module, for example.

opensee

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Our powerful tools to explain your data in real-time with full autonomy

Full Scalability (Integration & Ingestion)

- **Ultra-fast calculations & aggregations** on all the data (granular, historical)
- **Automatic creation & maintenance of evolutive data model:** use default model with best practices for VaR, FRTB SA, etc
- **Easily integrate new data sources** with full history to improve your market risk management
- **Low-code Rest API, Python SDK**: integrate your data and post processed results within your reporting chain

Data Versioning & Adjustment Workflow

- **Collaborative versioning** with full auditability for adjustment or what-if scenarios
- Easily manage **intraday batches** coming from local entities with full **auditability**
- Ensure **full traceability** for data adjustments

On-demand metrics & Simulation

- **Analyse & recalculate your risk indicators** (VaR, SVaR, Expected Shortfall) in real-time in any dimension (currency, book, product...)
- **Simulate** capital variations, slicing and dicing down to the transaction level
- Implement your own metrics **on the fly**
- Create and share more **complex calculations** in Python (User Defined Function) and access your data with our Python library

Analysis toolkit & Smart Certification

- Embedded **AI** tools for **Data Quality** and **Data Exploration**:
  - Configurable **KPI dashboard** (BCBS239)
  - **Outliers** detection
  - **Automatic identification** of key contributors in metrics changes at any level of hierarchy
- **Certify** calculations & results, using adaptable workflows across users and data sets

Data Visualization & Dashboarding

- Create your own market risk dashboards in our **Opensee UI** or in your preferred **BI tools**
- **Customize** your own dashboards and create analytics to support **regulatory reporting**
- **Adjust**, **certify** and **share** results with teams and stakeholders using our **permissioning** module