



ActiveViam for Hedge Funds

Train-of-thought analysis for your most complex problems

ActiveViam provides hedge funds with a sophisticated high-performance toolset:

- Continuous multidimensional calculations
- Instant, real-time data analysis
- Immediate impact insights

How would the ability to do the following grow your returns?

- Create scenarios, embed them in a portfolio, see the effects in real time
- Manage a current portfolio and set limits on risk taking
- Put alerts in place and be notified when risk goes out of predefined bounds

Managing hedge fund risk requires a flexible state-of-mind and a “third eye” ability to project the multitude of impacts any given investment decision may have on a portfolio, and, ultimately the enterprise. Consistent generation of Alpha increasingly involves managing a litany of unforeseeable risks as they arise. Risk and portfolio managers need a broad-based, real-time picture across every spectrum of the business to minimize potential losses.

Atoti, ActiveViam’s flagship in-memory analytics platform is capable of aggregating massive volumes of complex, dynamic data in real time. Our software provides clients with the ability to create scenarios that bring potential future risks into the present as well as set limits and exceptions on current risks, all in real time. We make generating reports easy and immediate. One of our clients told us Atoti saved him two hours at the end of every workday.

For IT managers

Atoti is a cost effective and quick deploying solution:

Support for Big Data Volume

Designed to handle terabytes of data in real time and instantaneously recalculate risk metrics and other KPIs.

Customization

Configurable and malleable to fit an organization’s structure and data architecture.

Position Decomposition

Decompose complex risk profiles down to the most granular level, aggregate them across any grouping to create a complete picture of risk.

Cost-Effective

Easy and quick implementation; software that sits on top of existing infrastructure.

The software offers a lightweight, flexible solution that can be embedded in a client's existing infrastructure. It works on top of existing risk engines and takes a firm's raw data analytics and places them into a powerful management environment. It does not force adherence to a particular data model and its open architecture design provides the ability to seamlessly integrate with any number of other platforms.



Our clients who manage billions of dollars and represent some of the largest buy-side firms in the U.S., including top 10 hedge funds use ActiveViam to assist them in continuously generating returns.

Aggregate complex data in real time

Atoti allows a user to perform calculations at unparalleled speed and instantaneously see updates on the analytics as the data is changing. The software allows users to view enterprise-wide market risk down to the most granular-level detail through interactive analysis and view continuous intraday risk. For instance, a user can easily drill down by instrument and position, across funds, or an individual fund considering a particular fund allocation, and calculate risk measures (such as VaR and vol) for each business line within those subsets or across business lines (including a complex combination of business-specific vol with variance/covariance matrix).

Atoti lets a user draw from a combination of internally and externally generated datasets which provides a holistic and detailed view of risk drivers. Incremental updates are processed continuously and only those metrics that are impacted by any data change (i.e., trade, reference, market data, etc.) are refreshed. All results are immediately available on a set of configurable dashboards.

For traders and portfolio managers

Atoti's advanced analytics make risk management more efficient:

Pre-trade Analytics

"What-If" function provides the ability to simulate an order's impact on the portfolio, position or fund 'on-the-fly'.

Know Your Limits

End-users can pre-set stop losses, place limits on risk tolerance, evaluate risk measures on a continuous basis and be notified when they approach or exceed those limits.

Train-of-Thought Analysis

Flexible aggregation enables interactive analysis or end users to investigate from cross fund numbers down to intermediary levels, and to the lowest position level. Systems providing pre-canned reports cannot do this.

Historical View

Run analysis interactively to compare historical data with the latest, all in real time.

About ActiveViam

Founded by industry experts, ActiveViam understands the data analytics challenges faced by financial institutions across trading desks, risk, and compliance. ActiveViam pioneered the use of high-performance analytics in finance, helping the largest investment banks, asset managers and hedge funds make better decisions, explain results with confidence, and simulate the impact of their decisions. ActiveViam's mission is to deliver train-of-thought analysis on terabytes of data in the most cost-effective way so clients can explain their results with confidence and model the scenarios that will optimize their business. ActiveViam specializes in risk data analytics for one of the fastest moving and most regulated industries with a presence in the world's leading financial marketplaces – London, New York, Singapore, Sydney, Hong Kong, Paris and Frankfurt.

For more information please visit:
www.activeviam.com



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