



ActiveViam for the Buy-Side

Stop waiting for yesterday's data

ActiveViam puts a sophisticated, nimble and high-speed set of tools in the buy-side's hands:

- Continuously perform multidimensional calculations at very advanced speed
- Instantaneously analyze data as it's changing
- Immediately see the impact on the portfolio and the enterprise





For IT managers

ActiveViam 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.

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 buy-side 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.

ActiveViam's flagship ActivePivot 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 ActivePivot saved him two hours at the end of every workday.

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 us to assist them in continuously generating returns.

Aggregate complex data in real time

ActiveViam performs calculations at unparalleled speed and allows a user to instantly see updates on data as they come in. 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 into data 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).

ActiveViam 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 front-office and middle-office managers

ActiveViam brings advanced analytics features that take risk management operations to the next level of efficiency:

- **Pre-trade Analytics**
“What-If” function provides the ability to simulate a trade'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 for end users to investigate from top-of-the-house numbers down to intermediary levels, and to the lowest position level. Systems supporting pre-canned reports cannot do this.
- **Historical View**
Provides the ability to execute comparative calculations on historical data.

About ActiveViam

ActiveViam provide precision data analytics tools to help organisations make better decisions faster.

ActiveViam started in 2005 with the vision of leveraging in-memory technology to create an analytics platform where businesses could leverage the largest data sets without restrictions, keep them up-to-date in real time and use them to empower their decision makers. Our goal at ActiveViam, is to let organisations not only make decisions faster, but better; to not only reach their data, but their potential; to not only see their data, but find their way into the future.

ActiveViam is a privately owned company with offices in Paris, London, New York and Singapore.

For more information please visit: www.activeviam.com

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