

Atoti: The Analytics Platform Purpose-Built for Risk Managers

We are on a mission to empower risk professionals with the ability to, at a moment's notice, answer 99% of the questions that they are faced with in a day.

Why? The industry is undergoing tremendous change with increased regulatory scrutiny, compounding business/market complexity and ever accelerating business velocity.

Risk functions are being asked to make difficult decisions - often with limited data and time - affecting millions of dollars of economic impact.

Despite substantial technological advancements, those questions are still often answered using spreadsheets and static reports that can be completely irrelevant, given rapidly changing market conditions.

This is why ActiveViam was founded on a radical new approach to analytics. We believed that capital markets would require a specialized analytics engine that could meet the future scale and increasingly intraday needs of the business. It would need to be able to handle complex, nonlinear aggregations of terabytes of data (both historical and real-time) and still allow investigation back and forth between the top of the house and the most granular levels at the speed of thought. And it would need to fit into the IT architectures of the future – whether those were on-premise or in the cloud.

We pitched the idea to the top financial institutions around the world, and they told us it would never work. Now, over 100 of these institutions, including 50 of the largest global banks, have embraced our solution. We receive regular updates highlighting how uncovering the unknown unknowns has delivered millions of dollars in impact. In one instance, a bank saved its client \$200M by catching a single erroneous transaction.

ActiveViam's flagship product, Atoti, is trusted by front office, risk and finance teams who need to analyze and take action on complex, fragmented and fast-moving data often on a cross-asset basis.

With extensive experience in high performance aggregation and complex calculation technology, ActiveViam built Atoti for IT teams that are entrusted with delivering advanced financial analytics solutions for business users.



Best use of cloud ActiveViam



FRTB product of the year ActiveViam

Atoti: The Analytics Platform

Purpose-Built for Risk Managers

Atoti Business Solutions

Front Office

Real-time risk and hedging Accurate intra-day profitability Develop and test new strategies

Risk Managers

On-demand comprehensive risk view Historical and predictive view of risks Granular explanation of profit & loss

Finance

Timely consolidation of actuals Variance analysis (budget, forecasts) Adapt to constant org changes

Atoti Platform

Access

Universal semantic layer Real-time ingestions Data Cloud integration



Aggregate

Fast, non-linear calculations On-the-fly modeling Incremental re-aggregation



Analyze

Pivot table on steroids Train-of-thought explainer What-if analysis



Act

Enterprise-wide limits Adjustments and sign-off Transactional integrity

Developer-centric

SDK - Java and Python Support for modern databases Observability / Telemetry

Interoperable

Standard data source connectors Enterprise-class APIs/entitlements Bring your own UI

Cost Optimized

Multi-cloud and on-prem Vertical/Horizontal scaling Optimized HW footprint

Core Enterprise Platforms and Data Clouds

Key risk capabilities provided by Atoti

CRO Central Dashboard:

Atoti provides the ability to see the impact of a market event across all risk stripes - Market Risk, Counterparty Credit Risk and Liquidity Risk.

Counterparty Risk Management:

Atoti facilitates the analysis of counterparty risks, allowing firms to manage and mitigate risks associated with financial agreements.

Real-time Risk Analysis:

Atoti supports real-time computation and aggregation, which is essential for monitoring market and credit risk on a continual basis.

What-if Analysis:

Users can simulate various scenarios through Atoti to see potential impacts on portfolios, helping in strategic decision-making and risk assessment.

Sensitivity and Stress Testing:

Atoti allows for sensitivity analysis and stress testing, enabling users to understand how different financial stresses could affect their investments.

Value at Risk (VaR) and Expected Shortfall (ES):

Atoti supports advanced risk metrics like VaR and Expected Shortfall, which help quantify the potential loss in investments.

Limit Monitoring and Management:

Atoti can track exposures and limits in real-time, ensuring compliance with risk thresholds set by the organization.