

# Limits Monitoring for Atoti

A flexible limits management solution  
within your analytics platform

## **A challenge of data aggregation**

Risk Limits for trading desks are an essential business tool for banks, hedge funds and asset managers. Setting limits, monitoring for breaches and investigating alerts not only ensures that the business remains sustainable and compliant, it helps define the company's goals and strategy.

Setting limits can be a significant challenge in terms of organization and technology. Limits are defined for different asset classes at the company level, and then spread across many desks. Within these desks, limits have to be shared among traders so no single one can max them out. Complex aggregation calculations must be performed, sometimes in real time, to provide desk heads with a clear and precise view of compliance with limits across the company.

## **The pressure of breach investigations**

Adding to the complexity is the age-old problem of data quality and data siloes. The vast majority of alerts raised by limit breaches turn out to be, after investigation, a data quality issue rather than an actual breach. Nevertheless these alerts must be investigated systematically, in a context that is always time critical and stressful. Compounding this issue is the fact that the data necessary to investigate the breach is often scattered across several systems, and must first be extracted and reassembled before it can be properly analyzed.

Companies that are not able to update their limits easily to adapt to evolving circumstances and to investigate alerts quickly run the risk of being outperformed by their competitors or sanctioned by their regulators.

## **Atoti Limits: Central control and analytics integration**

Atoti Limits is an optional add-on to any Atoti integration. Building on 15+ years of experience in risk management at ActiveViam, it was designed to handle the specific challenges of limits definition, monitoring and investigation for the finance industry. Atoti Limits work by creating a dedicated cube for limits which is then plugged into every other Atoti analytical cube. This enables a centralized management of limits, as well as gives analysts immediate and complete access to the relevant data stored in the other cubes in the event of a breach alert. Atoti's best-in-class aggregation technology ensures that limits are precisely monitored at every level of the organization, making sure that no potential issue can remain undetected.

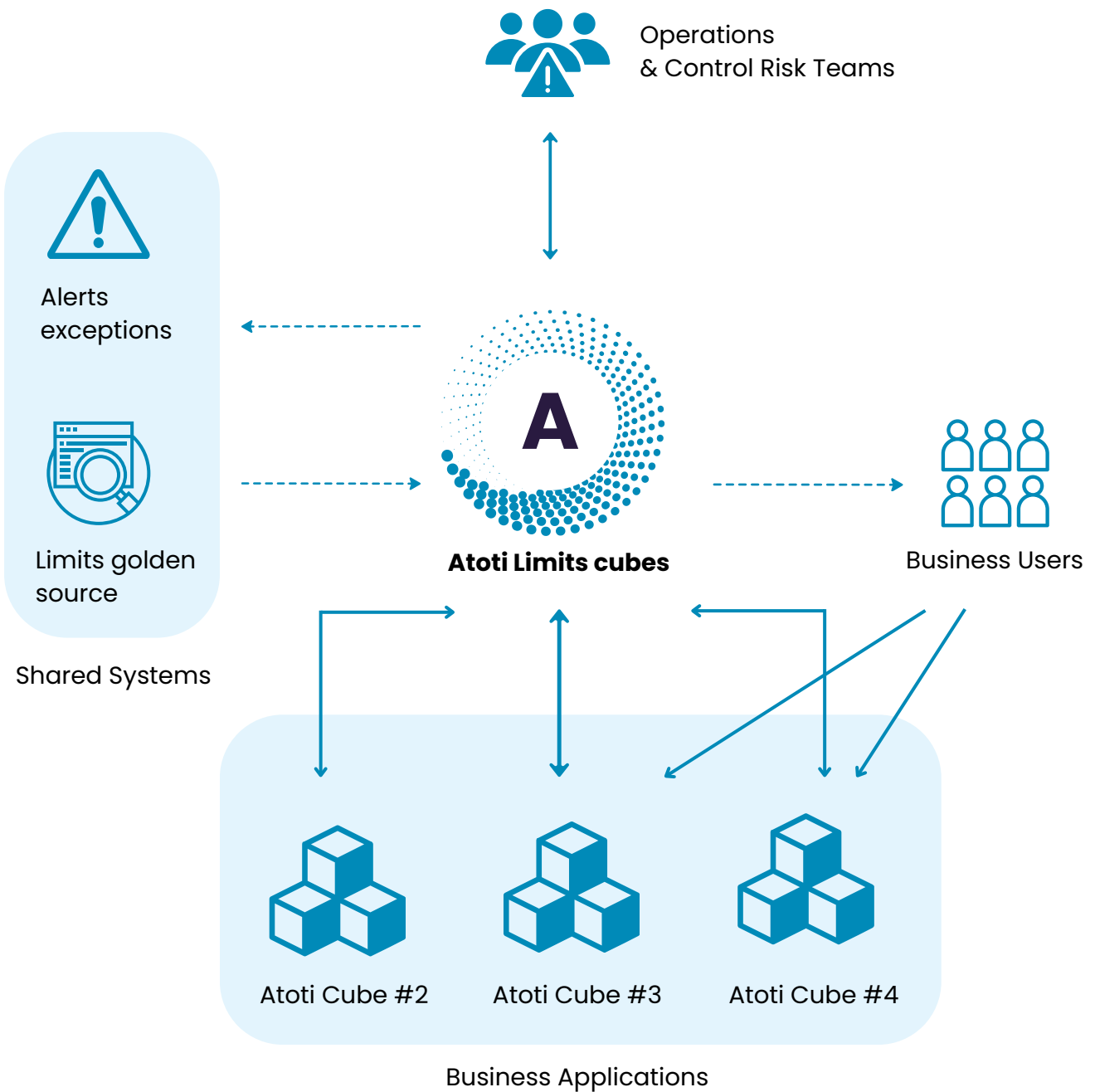
In addition, Atoti Limits makes it as easy as possible for users to create new limits or to temporarily adjust them. A deeply customizable workflow system ensures that only designated staffers can create, update and approve limits, saving precious time for business and IT alike.

## **Management by exception: turning limits into an asset for productivity**

Because it can enable end users to create their own custom limits, Limits for Atoti facilitates a "management by exception", where analysts set their own limits to identify outliers and anomalies so that they can focus their attention where it is most needed. Atoti Limits is not just a simple monitoring system. It is a comprehensive package designed to transform limits from a burden into a powerful tool to accelerate data analysis.

# Key benefits of Atoti Limits

- ✓ Easily define limits and integrate them with your organization's workflows
- ✓ Manage and monitor limits centrally with a precise view at every level of aggregation
- ✓ Investigate breaches quickly, with immediate access to the relevant data



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## 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.

ActiveViam's purpose-built analytics technology has been recognized as "FRTB Product of the Year" by Risk.net and as the "Best Sell-Side Credit Risk Product" by Waters Technology.

For information please visit  
[activeviam.com](https://www.activeviam.com)

