

Trade Data Hub for Post-Trade Processing and Reporting

Faster Insights From Your Customer and Trade Data

For financial services organizations operating on the buy and sell side of capital markets, improving operating margins while dealing with the constantly changing regulatory landscape is a major challenge. Many of these challenges stem from disconnected data silos, resulting in poor data quality and an inability to generate timely insights for trading, client servicing, and compliance. For investment banks and asset management firms, a MarkLogic Trade Data Hub enables faster trade data integration, accelerating time to insights, and improving your responsiveness to clients and regulators.

Is Your Trade Architecture Holding You Back?

Yesterday's technology has failed to provide an architecture robust and agile enough to power today's post-trade lifecycle. A legacy trade architecture houses many data silos, resulting in sub-optimal data governance and leading to many downstream application issues. Here are three signs that your trade data architecture may be holding you back:

1. Spiraling costs to provide line of business data views

Lines of business, such as Finance and Risk Management, all need their specific views of the trade data and its relationships. You have multiple and siloed applications providing these views, reducing operational efficiency and increasing your costs.

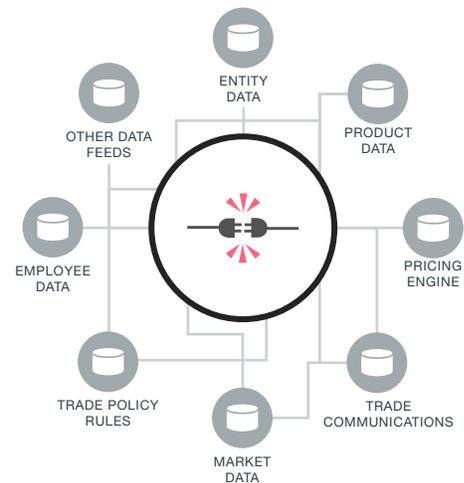
2. Making decisions on incomplete trade data

You can't be sure that your trade data is complete and accurate, because you need to move it across systems to support your decision-making and risk analytics. You cannot establish relationships between data sets in real time nor track how the data has evolved.

3. Difficulty navigating the regulatory maze

It's harder and harder for you to keep up with the unprecedented growth in new regulatory mandates. You have siloed controls and inflexible technologies that make it difficult to respond to changing requirements to store, manage, search and report data within tight deadlines. Non-compliance results in hefty fees.

These consequences of data silos have resulted in many challenges for investment banks and asset management firms, including difficulty managing regulatory requirements within tight deadlines, struggling to innovate quickly due to costly and timely data integration processes, and scrambling to keep up with more sophisticated customer expectations in the face of non-traditional financial services entrants. If this is your reality, you need a new way to integrate data from silos.



Current Data Silos for Trade Systems



Trade Data Hub for 360° Actionable View of Your Data Assets

MarkLogic addresses these challenges by deploying the MarkLogic® Enterprise multi-model NoSQL platform as a Trade Data Hub, providing a real-time, enterprise-ready platform for improved business insights and proactive regulatory compliance. This data hub provides a single source of truth across all sources of data, content, and metadata, serving existing and future applications with a trusted source of record for key information.

A Trade Data Hub approach delivers a holistic 360° view of critical data assets throughout their respective life cycles, providing an up-to-date and actionable view of trades from front-office trade execution systems, through to the middle- and back-office post-execution functions. As an enterprise data backbone, the Trade Data Hub links critical systems-of-record for key business entities throughout their respective states, providing a transparent view of data over the trade lifecycle from trade execution to post-trade processing and reporting.

MarkLogic is a next-generation database that is built with a flexible data model to store, manage, and search information generated from an ever changing variety of data sources – without sacrificing the data resiliency and consistency features of relational databases. With a complete set of data management functions, including semantics and smart mastering, MarkLogic enables your organization to more rapidly ingest and access data for improved business insights, reporting, and solution innovation.



360° View of Trade Data
MarkLogic Trade Data Hub Solution

“ We need the ability to respond quickly to changing regulatory requirements. We chose MarkLogic because trade data is notoriously difficult to handle in relational databases. We found the breadth of MarkLogic’s multi-model database and associated features, such as security and ACID transactions, to be compelling.”

JAAP BOERSMA, PRINCIPAL ARCHITECT FOR CAPITAL MARKETS SOLUTIONS, ABN AMRO BANK N.V.

Conclusion

In an increasingly complex marketplace, MarkLogic’s Trade Data Hub platform gives financial services organizations the ability to adapt to changing business needs, navigating the regulatory landscape and improving customer engagement. As the world’s best database for integrating data from silos, MarkLogic’s Trade Data Hub empowers our financial services customers to more quickly achieve a unified, 360° view of their data – 4x faster than relational and at less cost. Deploying the Trade Data Hub as a cloud-based service amplifies time-to-market and cost savings.

Visit the Financial Services Industry Solutions at www.marklogic.com to find out why leading financial services organizations across the globe trust MarkLogic, and how our Trade Data Hub can drive better data management and performance at your organization.

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