Recordkeeping for trade reconstruction helps firms adapt to changing requirements.

## Internal & external investigation demands are increasing

Financial services firms are struggling to meet a broad range of trade-related investigatory demands, with growing requirements expanding throughout the enterprise. No longer just a regulatory or legal initiative, the ability to quickly and accurately reconstruct trade records and events is essential for multiple segments of the business, including risk departments and operations, and also applies to use cases such as market abuse. Efficient and comprehensive trade reconstruction includes data generated in multiple platforms, including related pre- and post-trade communications across all electronic communication modes such as voice, emails, instant messages, Bloomberg communications, files and trade records/events.

Comply with confidence

In response to these challenges, Bloomberg Vault offers an end-to-end solution for real-time policy management, enterprise archiving, eDiscovery and data correlation analytics to help address the needs of legal, compliance and investigation professionals. This solution can assist firms with their trade analyses and reconstruction demands by improving transparency and streamlining both internal and external investigations.

Search, retrieve & classify

- Industry-leading search and retrieval technology across all archived data ensures internal and external requests can be fulfilled within expected response times.
- The ability to filter result sets, classify through tagging functionality and collaborate in a case management environment is essential in the compliance and business investigation workflow.

Corporate emails   MSG & IB   Files & documents   Voice   Bloomberg Swap Execution Facility (BSEF)

Pre-trade

Execution

Trade

Clearing & reporting

Post-trade

Bloomberg Vault Trade Reconstruction

- Trade archive   • Communications archive   • Counterparty directory
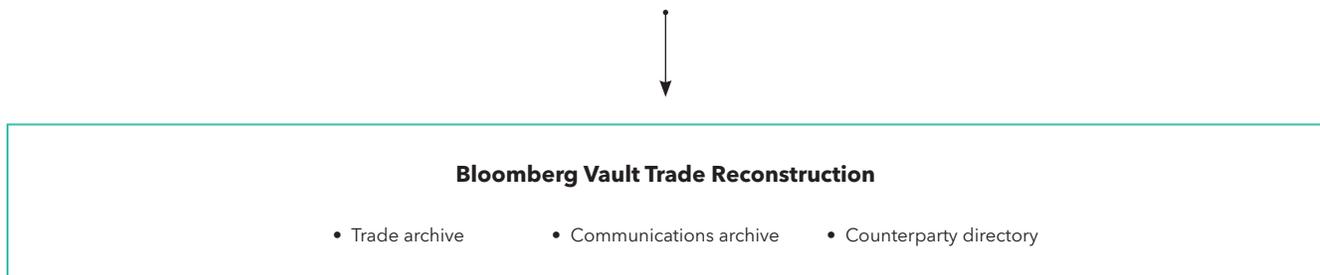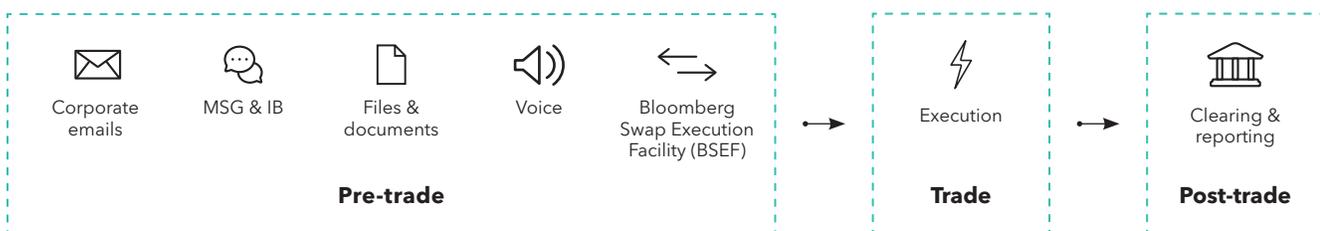
Bloomberg

Access comprehensive trading records

Bloomberg Vault is positioned to offer trade archive solutions within the financial industry. It provides native integration to proprietary trade, event-related platforms such as Trade Order Management System (TOMS), Asset Investment Manager (AIM), Bloomberg Transaction Cost Analytics (BTCA), Execution Management System (EMSX) and Tradebook. In addition, third-party trade data can be delivered using industry-standard methods – such as FpML via MQ – and stored in the trade archive for search and retrieval.

The result of storing trade records alongside all trading participant communications is the unique ability to seamlessly reconstruct conversations and chat forums that preceded a particular transaction or group of transactions.

Bloomberg Vault also provides native integration with the proprietary Bloomberg Message and Instant Bloomberg communication tools – through which a high volume of the industry's transactions are discussed and executed. In addition, it is capable of ingesting and archiving communication data created outside of Bloomberg. This includes corporate email (e.g., Microsoft® Exchange and Office 365), instant messages, social media, mobile communications and voice recordings.

For firms requiring the ability to investigate trades against other trading activity, including market data benchmarks, pricing data and market-moving news, Bloomberg Transaction Cost Analytics (BTCA) provides a turnkey solution and is also integrated with Bloomberg Vault.

Transaction & counterparty search

Leverage the Bloomberg Directory to facilitate identification of participants involved in pre- or post-trade communications. A counterparty may be identified as a specific individual, a customer account or even an entire firm. This facilitates inclusion of a counterparty in the search criteria for retrieval of records from the archive. In addition, users are able to upload counterparty trees and customer contact mappings to facilitate tagging of ingested data. This ensures that all records throughout the trade life cycle can be retrieved using a normalized counterparty identifier.

Search is also available by transaction by utilizing the full-text search provided across all communication and attachment text. Simple keywords or advanced Boolean expressions can be used to identify details of a specific transaction included in the conversation. Customers that take advantage of Bloomberg's Fixed Income Trading platform have the added benefit of being able to reconstruct trade data from initial pricing to reporting of the trade to the SDR. Data in the trade archive can be retrieved based on transaction ID/USI or counterparty identifier.

Searchable voice recordings

Pre-trade, trade and post-trade voice communications relating to a swap need to be captured, tagged, retained and searchable. Bloomberg Vault offers integrated voice recording and archiving solutions through integration with leading voice-recording service providers. The solution allows for customer on-site voice recording systems (such as NICE Systems, Verint or Red Box) to deliver archived data directly to Bloomberg Vault for recordkeeping. Archived voice recordings can be retrieved using call metadata associated with the recording. In addition, a future release is planned to enable search capability using conversation content.

Bloomberg for enterprise

To succeed today, financial institutions must respond to challenges that are not addressed by traditional approaches. They require world-class solutions that integrate people, processes, information and technology for the front office, middle office and operations. Bloomberg partners with these institutions to protect and capitalize on data, manage risk, deliver transparency and control costs. Through enterprise-level expertise and three decades of deep industry experience, Bloomberg creates real value through the use of innovative technology that turns data into a strategic asset.

Take the next step.

For additional information, press the <HELP> key twice on the Bloomberg Terminal®.

Beijing +86 10 6649 7500	**Hong Kong** +852 2977 6000	**New York** +1 212 318 2000	**Singapore** +65 6212 1000
Dubai +971 4 364 1000	**London** +44 20 7330 7500	**San Francisco** +1 415 912 2960	**Sydney** +61 2 9777 8600
Frankfurt +49 69 9204 1210	**Mumbai** +91 22 6120 3600	**São Paulo** +55 11 2395 9000	**Tokyo** +81 3 3201 8900

bloomberg.com/professional