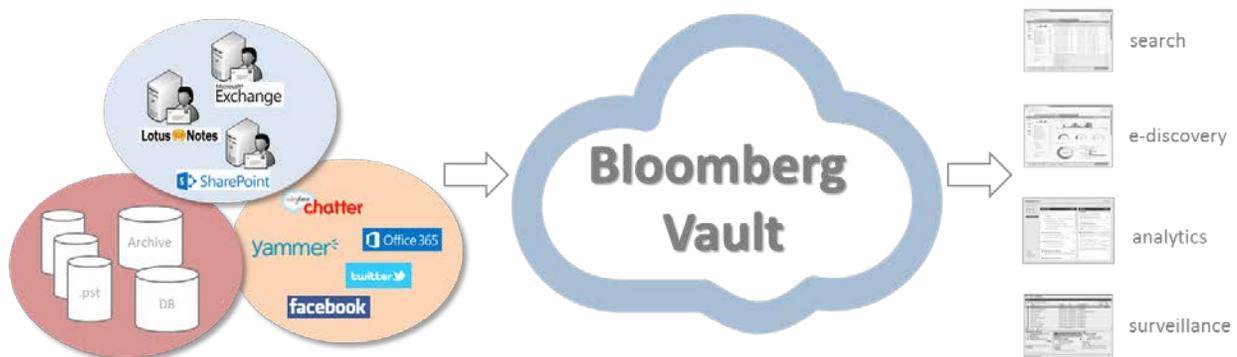


Bloomberg Vault: Compliant Archive in the Cloud

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Bloomberg Vault is an end-to-end, managed archiving and eDiscovery solution for enterprise communications that is hosted in Bloomberg's private cloud. Bloomberg Vault has been adopted by more than 700 enterprises, processing more than 200 million daily messages and archived more than 80 billion objects that represent several petabytes of archived and searchable data.

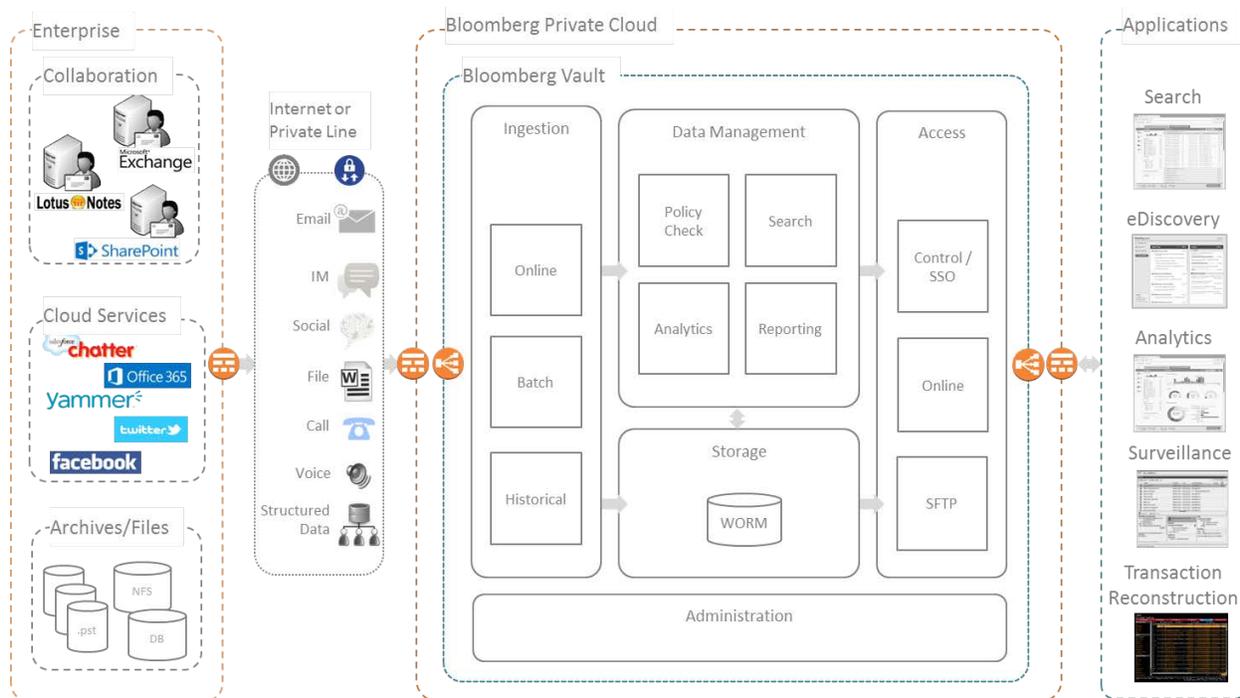


The volume of communications data has grown exponentially because of the shift to digital workflows and the pervasive use of social media, mobile and Web channels for customer engagement. These factors, combined with the increasing complexity of recordkeeping requirements is making it more challenging for institutions of all sizes to remain compliant across all communication channels.

The secure, scalable and highly available Bloomberg Vault service offers archive search, eDiscovery, real-time compliance monitoring and analytics to help customers manage their growing volumes of data. As a fully hosted, managed service, Bloomberg Vault allows secure storage, compliance monitoring, and retrieval of massive amounts of data without the significant cost an on-premise solution would require.

Compliance archives are subject to stringent availability, reliability, and response time requirements that reflect the critical nature of the service used to fulfill regulatory and eDiscovery requirements for large financial institutions. The challenge is to be able to respond to time-sensitive requests from compliance officers searching and extracting several years of archived data, while at the same time answering questions by end-users for that "single e-mail" they want to retrieve "from last week".

In order to meet these stringent requirements, Bloomberg Vault is comprised of a set of linked and highly optimized services connected by a flexible service-oriented architecture (SOA) using Bloomberg's proprietary technology.



Online, batch and historical **ingestion** services process communication data such as emails (with attachments), instant messages (threaded discussions), social media, call records/voice media, legal documents and mobile data.

Ingested data is archived for long-term retention in geo-distributed WORM (write-once, read-many) **storage** that is compliant with the most stringent regulatory requirements and that supports litigation with sophisticated retention, legal-hold and deletion policies.

Real-time **compliance monitoring** checks all interactions received by Bloomberg Vault against complex policy definitions to provide sophisticated review, reporting and alerting capabilities allowing financial services firms to meet regulatory supervision and surveillance obligations.

Massively scalable, highly available and secure **search, analysis** and **reporting** capabilities expose the latent value of the data archived by our customers.

Applications for end-user search, compliance review work flows, eDiscovery processes and transaction reconstruction **access** the underlying archived data and offers sophisticated compliance officer workflows.

The Bloomberg Vault team is a rapidly growing business within Bloomberg's Enterprise Solutions group. Our mission is to change the way compliance is integrated into enterprise workflows using the experience gained from years of building enterprise-grade hosted services.

Our fast moving R&D team builds secure, scalable and high quality services using a combination of proprietary and open source components. If the challenges described above seem exciting to you, we are hiring! Check out the jobs on the [Bloomberg job site](#).