



FUSION Server

An on-prem, high availability, highly-scalable, flexible data store that gives you instant access to all your data.

Fusion Server can execute queries across trillions of documents from an unlimited number of data sources and data formats.

Unmatched Scale

Execute hundreds of thousands of queries per second from millions of concurrent users with sub-second response time. Process incoming data streams and feeds with real-time ingestion so the index is always up to date.

Any Data Type, Any Data Source

Ingest any data type from any data source quickly and intelligently.

Index any data type from any data source including popular formats like PDFs, Microsoft Office, CSV, JSON, ZIP archives, XML, and plain text.

Ingest your NoSQL or other key-value databases for optimized searching with full capabilities for ad hoc queries, ranges, graphs, fast primary key lookups, and other complex query types.

Connect, index, and query relational databases including Oracle, MySQL, Couchbase, Hadoop, and JDBC compliant databases.

Execute transactions, delta queries, nested queries, and relational joins that include numerical, geospatial, and temporal data alongside textual information.

Complex graphing capabilities let you see how the data fits together with traversals for anomaly detection, relationship discovery, and other methods to explore modeled relationships in your data.

Access Your Data Your Way

APIs and endpoints for complete access with the tools and commands you already know.

Full traditional keywords search with full faceting, Boolean operators and logic, and natural language processing. Execute full SQL queries securely and connect to endpoints with Tableau, Business Objects, and other BI and SQL apps you already have in-house. More insights with rapid computation of counts, averages, and other statistics that can be clustered, or displayed with visualization with output formats including JSON, XML, and CSV.

Security

Your security model enforced from cluster to collection to cell. Fusion Server supports a multi-vendor approach to authentication and authorization with role-based access controls for encryption, masking, and redaction at every level. Fusion Server integrates with third party systems like LDAP, Kerberos, SAML, and Active Directory.

FORTUNE 10 CONSUMER COMPANY

80B
events per day

Indexing
3-5M
documents per second



FORTUNE 10 RETAILER

400ms
SLAs

4000
queries per second



FORTUNE 10 CUSTOMER

1000
collections over
120 nodes

~25-30
replicas per node



DevOps

DevOps administration from one unified view:



Easy Management

Add new collections, shards, clusters, and monitor status.



Monitoring Fusion Server

Monitoring and auditing of all systems, including dashboards and other system metrics.



Multi-Tenancy

Shard placement strategies and custom routing options for fine-tuned management of data for both scaling as well as multi-tenant requirements.



Container-Friendly

Any or all of Fusion's components run inside a variety of virtual environments, including Hadoop clusters under YARN and containers like Docker.



Cloud Ready

Synchronize indexing across data centers and also available as an Amazon Machine Image making it easy to spin up instances in the cloud.



Bulletproof

Automatic failover, built-in load balancing, automatic recovery, cross-datacenter replication, backup and snapshotting to ensure high availability and maximum uptime.



Get Started or Learn More

For more information or to start using Fusion Server, contact us today at lucidworks.com/contact or call 415-329-6515.