

MarkLogic for Enterprise Search & Discovery

With so many employees working remotely, the need to easily and efficiently access information to drive business performance has never been greater. Unfortunately, with the explosion of disconnected data sources, the ability for enterprise data architects, engineers and analysts to process these inflows with speed and precision continues to be challenging for many organizations.

Research clearly shows that enterprises that prioritize data discovery and search are more productive and innovative. However, the path you take to powering your discovery capabilities can have a material impact on the level of success your enterprise can achieve. With MarkLogic, enterprises are finally finding a comprehensive solution to overcome data silos and get value from complex data, faster, eliminating friction between IT and business goals.

Challenges

The success of enterprise search programs has traditionally been hampered by both the complexity of the data to be integrated, and the variety of needs of the users for the integrated data. Many companies have invested in search engines to solve the problem but still require employees to spend time searching, qualifying and modelling data repeatedly before achieving the intended outcome. In fact, data analysts and scientists admit to spending 80% of their time on data discovery and preparation and 20% on analysis and insights. For enterprises to accelerate innovation outcomes, this time ratio needs to be flipped.

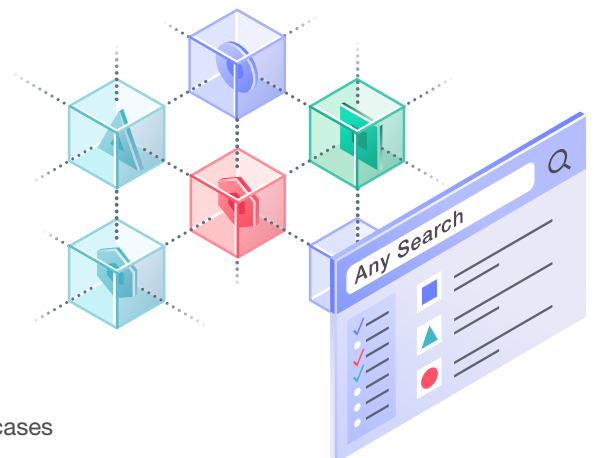
Many enterprises thought they solved the problems of data integration when they implemented data warehouses or data lakes but came to realize the limitations of those technologies in terms of flexibility and governance. By layering in additional technology to address these limitations, enterprises added complexity, risk and rigidity to their already bloated architectures. To meet evolving business requirements and transformation objectives, forward-looking enterprises need a unified platform that combines the necessary features and capabilities to handle all multi-structured data and streamline DevOps processes for data ingestion, curation, and access.

Why MarkLogic for Search & Discovery?

Improving search first requires insights into your data. Only data that is accurate, up-to-date, and properly curated for accessibility should be used to produce operational and analytical insights. This requires capabilities and tools to discover and model complex data that has been ingested, curated to add context, and made easily accessible to downstream systems.

MarkLogic provides unique capabilities to deliver more useful insights in less time, including:

- Multi-model platform supports any data, in any format
- Semantics for making connections and finding patterns
- Just-in-time schemas and custom views support a wide variety of use cases
- Secure data sharing and real-time alerting





Benefits of MarkLogic

Organizations choose MarkLogic to overcome data silos and get value from their complex data faster, eliminating friction between IT and business goals, and recognizing benefits such as:

Increased Agility: 10x faster data integration and improved developer productivity — with less risk when your data or business requirements change.

Reduced Expenses: Millions saved with lower development, IT, and operational costs with simpler data architecture and faster delivery.

Secure Sharing: When integrated data is secure, it enables safe sharing. MarkLogic not only scales big, it also does it securely.

Proven Success

Around the world, enterprises are successfully transforming their services with MarkLogic.

Building a Lab for R&D Innovation in Life Science

To drive improved productivity and outcomes, AbbVie has developed an internal literature management and sharing tool (called PubLab) leveraging the capabilities of MarkLogic which has several advantages over externally developed tools in terms of information security, content integration, and custom feature development.

Powering a Flagship Product with a Cloud Data Hub

IEEE is the world's largest technical professional organization for the advancement of technology, with more than 419,000 members in over 160 countries relies on MarkLogic to power their flagship product, IEEE Xplore®.

Delighting Automotive Service Shop Customers

Using MarkLogic to power its SureTrack® and ProDemand® services, Mitchell 1 integrates hundreds of millions of automotive repair orders while delivering comprehensive diagnostic information in seconds - resulting in increased business, customer loyalty, and market share.

“ MarkLogic’s built-in search capability is becoming essential to our success.

It makes data more discoverable by allowing us to query data, metadata and full text very easily. It enables us to create and deliver new services for our growing customer base much more quickly than we could before. We also look forward to implementing semantics to further maximize the value of our content to users.”

— Toby Green, Head of Publishing, OECD

About MarkLogic

Enterprises have been working with and connecting simpler data for a long time, but familiar tools don't work as well with complex data. You have to think about the problem differently. The MarkLogic platform lets you create value from complex data, faster – ingesting data from any source, and creating and refining metadata to support powerful models for deep search and query.

To learn more, please visit www.marklogic.com

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