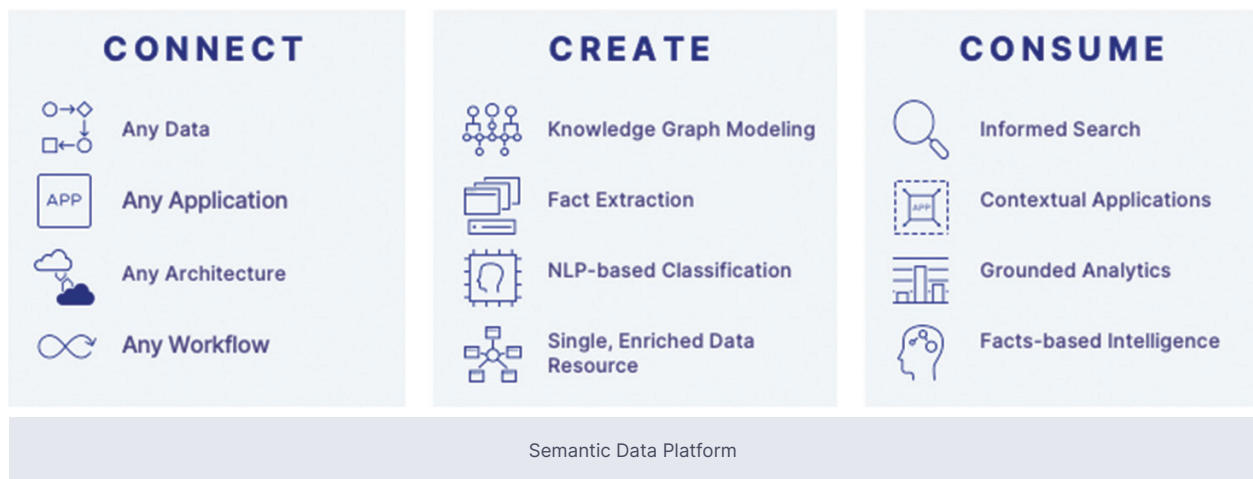# MarkLogic Data Platform

MULTI-MODEL + SEARCH + SEMANTIC AI

SIMPLIFY COMPLEX DATA

Anywhere there's a desire to do more with information, and do it faster, visionary organizations turn to MarkLogic to solve complex data problems others can't. MarkLogic solves these problems by delivering data agility – giving organizations the ability to quickly and easily make changes to how any information is interpreted and acted on, at any scale, for any purpose.

CONNECT
- Any Data
- Any Application
- Any Architecture
- Any Workflow

CREATE
- Knowledge Graph Modeling
- Fact Extraction
- NLP-based Classification
- Single, Enriched Data Resource

CONSUME
- Informed Search
- Contextual Applications
- Grounded Analytics
- Facts-based Intelligence

Semantic Data Platform

CONNECT, CREATE & CONSUME DATA

With MarkLogic, you can eliminate the effect of data and knowledge silos in your organization. Our unified enterprise-grade platform lets organizations securely connect data and metadata, create and interpret meaning, and consume high-quality contextualized data across the enterprise – enabling informed search, contextual applications, grounded data for analytics, and facts-based intelligence.

MarkLogic helps organizations respond nimbly to business change while providing rigorous data governance and transformational data security. Our modern, unified data platform combines a multi-model database with search and semantic AI to integrate your data with everything you know about that data and what it means. These multi-model database, search, and semantic AI capabilities are commonly implemented as a data hub, knowledge graph, or metadata management – and to power modern architectures like data fabrics, data meshes, and data lakehouses. In contrast to other solutions in the market, MarkLogic is a single platform that couples data with its metadata and puts data in context to its state, use, and audience.

WHY MARKLOGIC

MarkLogic augments existing investments in data systems. The platform enables organizations to manage the data supply chain, creating reusable organizational knowledge that is both trusted and agile.

- Incredible Agility – 4-12x faster results with less risk when things change
- Ease of Connection – Integrate existing data sources, repositories, applications, and workflows
- More Data, More Insight – Use all your complex data and deliver information in context to support both operational applications and analytics
- Secure Sharing – Easily and safely support the most demanding requirements across organization boundaries, be they internal or external.
- Data Trust – Traceable, transparent, repeatable, and auditable results

DATA AGILITY WITH A SINGLE UNIFIED PLATFORM

With MarkLogic, you can quickly and easily make changes to how any information is interpreted and acted on, at any scale, for purpose. Ingest data as-is and use full data enrichment and data consumption pipelines to deliver data and everything you know about it to your users, from a single service.

- Modern multi-model database – document, graph, relational, geospatial, built-in search, petabyte scalability
- Semantic AI – no-code metadata engine that uses machine learning and knowledge models to synthesize, enrich, extract, and harmonize all types of metadata
- Trusted enterprise capabilities – market-leading granular security, high availability and disaster recovery, 100% ACID transactions
- Industry-standard APIs and programming languages

MARKLOGIC ADVANTAGES

Unified platform speeds time to value – Don't waste time stitching together components. MarkLogic combines a database, search engine, data integration tools, mastering capability, metadata management, and more – all accessible through a user interface and APIs. It's faster, less expensive, and easier to manage.

Data and metadata as a single resource – Ingest and connect your data and metadata regardless of format, type, location, or quantity. Store meaning with data to power operational applications, analytics, rigorous data governance, and transformational data security.

Information in context – Deliver data in context to its state, use, and audience.

Data unity and quality – Manage structured and unstructured data from inside and outside your organization, and ensure quality through data completeness and governance.

Trusted and secure – Ensure the highest levels of protection for your data, rapidly implement data policies, and apply end-to-end governance from a single hub.

Deploy anywhere – You can deploy the MarkLogic platform in the cloud, on-premises, or in a hybrid cloud environment.