



Data Management with Elastic helps unlock the value of your data

Build a unified data store to empower better regulatory compliance, reporting, and analytics

Highlights:

- Unified data enables better observability and more business insights
- Broad feature set supports multiple use cases
- Integration with third-party solutions increases flexibility and value

It is imperative for enterprises to have either established or embarked on a data strategy journey. A data strategy helps ensure that enterprise data is effectively stored, managed, and actionable according to the business' needs. But within today's complex IT environments, data management can be difficult for many reasons:

- Sprawling data repositories and data formats
- Legacy systems that proliferate data silos
- Lack of a unified platform for analytics, reporting, and compliance
- Inability to integrate diverse data analytics systems
- Non-conventional data management policies

Kyndryl's data management solution supports your organization's data strategy through Elasticsearch, a document-based data store. Elasticsearch handles structured, semi-structured, and unstructured data. Once the data is centrally stored, you can use Elasticsearch's advanced data analytics, search, archival, integration, and unified reporting capabilities to explore the data and transform it into actionable insights. Our Data Management with Elastic solution helps end users focus on uncovering data insights while Kyndryl helps build and manage the entire stack's infrastructure, data ingestion and analytic trends for IT and business operations.

The Elastic platform makes it easy to turn raw data into business insights

When our clients store their data – whether it's generated by the business, applications, infrastructure or acquired elsewhere – on the Elastic platform, they can search and analyze that data more easily. Elastic's advanced search and observability features help reveal useful business insights. Our clients can use those insights in a variety of ways, including the following:

- Plan roadmaps
- Identify service differentiators
- Establish lead indicators to help prevent events with a high severity
- Provide faster root cause analysis
- Enable quicker decision-making
- Improve compliance with auditory, legal, and geographical requirements.

Unified data improves observability and security-rich access to insights

Kyndryl's Data Management with Elastic solution helps unify enterprise data into a document store, where every event or record is stored as a document. The document store makes data accessible to different tools, technologies, and business users for the fulfillment of various business needs. The solution covers a wide variety of use cases, including full-text search, performance analysis of logs and metrics, and business intelligence.

Data Management with Elastic provides a single source of truth at enterprise scale, and offers the following benefits:

- Scalable data store
- Integration of all data sources, including custom and ad-hoc sources
- Access to both source data and curated datasets
- Role-based and secure access
- Tiered data access with retention policies
- Selective and customized archival

Broad feature set supporting scalability and multiple use cases

The Data Management with Elastic solution includes Elasticsearch. This powerful search tool has a variety of built-in features, such as real-time search, multi-language support, faceted search, geospatial search, performance analysis, scalability, and high availability. Whatever sort of data you have, Elasticsearch can handle it, including the following:

- Structured data, such as relational database systems
- Semi-structured data, such as emails or HTML files
- Unstructured data, like audio files, video content, or sensor data

Elastic uses a distributed architecture, which enables horizontal scalability of the data store. New instances can be added to the Elastic cluster as data volume grows. The ability to easily scale along with searchable snapshots, makes the Elastic-based solution ideal for big data use cases.

Integration with third-party solutions increases flexibility and value

While the Elastic platform is a powerful primary data store and search engine, Kyndryl recognizes you may have other tools you may want to use. Therefore, Data Management with Elastic can be integrated with third-party systems, such as databases, data lakes, notification tools, and more. These external systems can be on-premises or in the cloud. Data Management with Elastic provides a single, easy-to-use user interface to access these external systems, and can also direct the data flow to them.

Conclusion

Your company's data is one of your most valuable assets. However, unlocking that value isn't always easy. Kyndryl and Elastic have created a comprehensive and scalable solution for achieving operational excellence by making the most of your data. By mapping attributes between diverse datasets, Kyndryl's Data Management with Elastic empowers the serving of data for improved regulatory compliance, reporting capabilities, and operational analytics. The solution is designed with a robust data lake framework and unique features that can help reduce time-to-action and enhance efficiency and competitiveness.

Why Kyndryl?

Kyndryl has deep expertise in designing, running, and managing the most modern, efficient, and reliable technology infrastructure that the world depends on every day. We are deeply committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side by side with our customers to unlock potential.

For more information

To learn more about how the alliance between Kyndryl and Elastic can help you better manage your data, please contact your Kyndryl representative, visit us at kyndryl.com/us/en/about-us/alliances/elastic, or [book a consultation](#).



Copyright Kyndryl, Inc. 2023

Kyndryl is a trademark or registered trademark of Kyndryl Inc. in the United States and/or other countries. Other product and service names may be trademarks of Kyndryl Inc. or other companies.

This document is current as of the initial date of publication and may be changed by Kyndryl at any time without notice. Not all offerings are available in every country in which Kyndryl operates. Kyndryl products and services are warranted according to the terms and conditions of the agreements under which they are provided.

The information in this document is provided "as is" without any warranty, express or implied, including without any warranties of merchantability, fitness for a particular purpose and any warranty or condition of non-infringement. Kyndryl products are warranted according to the terms and conditions of the agreements under which they are provided.