



Highlights

- Identify data in place that is relevant for your activities
 - Visualize and refine pertinent sets of data
 - Discover dark data and identify files containing confidential information
 - Act on data in an audited manner
 - Implement and potentially optimize the use of tiered storage solutions
 - Execute records retention and disposition policies
 - Execute e-discovery processes
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Govern your information with IBM StoredIQ Suite

Discover, analyze and act on unstructured enterprise data in place

Organizations today are looking for innovative ways to manage and gain value from rapidly rising volumes of data. Managers and executives understand that becoming digital businesses that fully capitalize on data can help their organizations gain a competitive advantage.

The remarkable growth of unstructured data in particular requires a new data management approach. While some organizations have mastered the art of capturing and storing unstructured data, they may still struggle with identifying and retaining it to derive meaningful insights.

IBM® StoredIQ® Suite is designed to help organizations discover, analyze and act on relevant unstructured data. It offers a holistic solution for addressing data management challenges relating to records management, e-discovery, compliance, storage optimization and data migration initiatives.

By providing an in-depth assessment of unstructured data across the enterprise and where it resides, IBM can help your organization turn unstructured data into relevant information. You can gain critical visibility into important data and positioning to derive insights and make better-informed decisions.



Identify and manage your data with in-place data management

Rather than moving subsets of data into a repository or a specialty application database to manage it, StoredIQ Suite moves the management to the data. Advanced indexing technologies help you understand and manage data in place, improving speed, scalability and reliability. In-place data management streamlines the processes of collecting, discovering, analyzing and acting on unstructured data.

StoredIQ Suite provides the following:

- **Efficiency:** An indexing engine dynamically gathers and stores intelligence about data across the enterprise, so that it is available for virtually any business process.
- **Scalability:** The suite can process immense amounts of data where it resides.
- **Optimization:** A distributed architecture links or federates instances of StoredIQ Suite to manage a company's data.
- **Rapid deployment:** StoredIQ Suite lets you quickly start analyzing data and then deriving meaningful insights.

By replacing “moving and storing” as the governing principle with “indexing and managing in place,” StoredIQ helps you administer big data environments in much the same way as other IT networks.

StoredIQ has General Data Protection Regulation (GDPR)–focused data discovery cartridges that provide a powerful data assessment solution for recognizing potentially sensitive and/or personal data, which can help support client readiness for GDPR.

StoredIQ helps provide:

- Automated discovery and classification of unstructured content within the information landscape
- Identification of unstructured information that may be considered personal or sensitive
- Advanced search capabilities specifically tailored to help find country-specific data, including data that may be considered personal or sensitive
- Detailed analysis of large amounts of corporate data

Find your enterprise data with powerful search

StoredIQ Suite can accelerate your understanding of large amounts of unstructured content through powerful search functionality.

No local application software is necessary to view searched file content, and viewing documents does not alter system metadata attributes. The search functionality lets you import a machine-learning data identification model from IBM Content Classification; enter simple-to-complex search strings; and perform searches on an arbitrary mix of full text, metadata and file attributes.

StoredIQ Suite supports the following advanced search capabilities:

- Keywords
- Single-term search
- Multiple-term search
- Boolean operators
- Wild cards in search terms or Boolean expressions
 - Proximity searches
 - Regular expressions
 - Object-level attributes
 - Hash value searches (digital signatures)
- Import of the IBM Content Classification model

Collect your enterprise data

StoredIQ Suite can identify, collect and preserve active electronically stored information (ESI) from more than 48 common enterprise data sources—including network servers, storage systems, laptops and cloud-based data—while minimizing disruptions to end users. The suite supports more than 450 file types. Identification, collection and preservation are all done in place with in-place data management capabilities.

Each StoredIQ product also comes with an image of the Desktop Data Collector agent. Desktop Data Collector is an intelligent, flexible tool that enables organizations to apply corporate governance policies to user desktops and laptops. With a flexible deployment model and low-bandwidth/high-latency design, Desktop Data Collector is tailor-made for organizations that are geographically distributed, are of significant size or employ a large number of mobile staff. Desktop Data Collector filters out nonrelevant files on the target computer, streamlining and expediting data collection. The tool identifies and acts on both internal and external storage devices. Seamlessly integrated into StoredIQ, Desktop Data Collector helps reduce risks associated with a desktop user's unstructured data. It also eases e-discovery, records management, governance and compliance processes without interrupting workforce productivity.

Analyze your enterprise data

StoredIQ Suite simplifies the analysis of unwieldy amounts of corporate data. The ability to analyze and manage data in place can speed detailed analysis and can limit any negative impact on user productivity. StoredIQ Suite scales up to large environments without being restricted to the storage capacities associated with repositories. The solution can present different graphical perspectives of information based on its metadata (Figure 1). Additionally, the entire contents of each data object can be displayed to gain thorough context of the information as necessary.

StoredIQ Suite offers a rich set of intuitive data explorers that visually represent unstructured data from various points of view, such as file system metadata attributes (owner, size, date, type and so on), data source location and category. Through the data explorers, stakeholders can better understand what data they have and what actions they need to perform, and dynamically navigate to expose more details as they feel necessary. StoredIQ Suite also produces helpful graphical reports that include the location of ESI and the amount of responsive and relevant data.

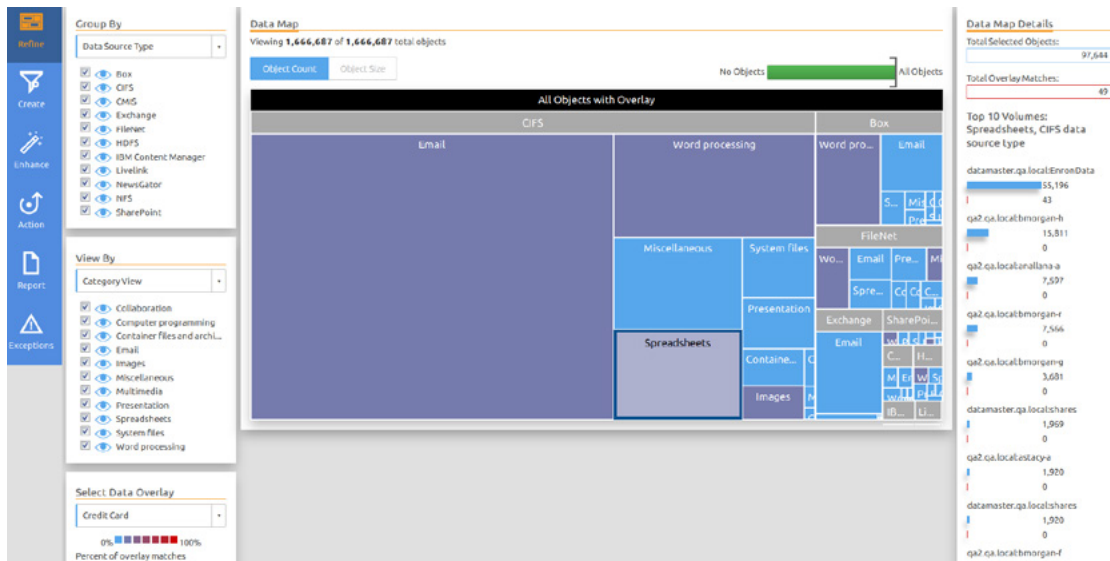


Figure 1. StoredIQ Suite displays filtered data graphically based on metadata attributes for simplified analysis and culling.

Act on your enterprise data

What is the use of finding relevant data if you cannot act on it?

StoredIQ Suite supports many different policy actions such as copy, delete, move, legal hold and copy to retention or export—each with a detailed audit trail of the action performed. Whether your goal is to optimize storage, clean up unstructured data, protect corporate IP or customer information, retain corporate records or legal collections, or conduct other functions, StoredIQ Suite provides you with the power to make informed decisions and gain value from your data.

StoredIQ Suite includes:

- **Data topology and overlay hit reports:** Take advantage of valuable insight and information that enable you to make informed decisions. The reports deliver a snapshot of your data environment based on location, server, users and so on.
- **Data filters:** Control your data at a coarse or fine-grain level to reduce it into smaller, more meaningful or relevant information sets (for example, “data over seven years old,” “HR data located in the NYC office,” “custodians” or “matter terms”). You can then further filter or act upon these information sets based on records retention policies, legal process or IT protocol.
- **Actions:** Perform use case-specific functions such as delete, move, hold, copy or export of data distributed over a variety of sources, in a single unified manner. The StoredIQ Suite distributed architecture allows data that is separated across large physical distances to be acted upon in a single motion, which can help facilitate a data governance project.
- **E-discovery dashboard:** Provide legal process and workflows for early data assessment, collection and export.
- **Incremental data collection:** Collect files for preservation that are new or that have been modified since the last collection. This process also helps ensure the same document is not collected multiple times.
- **Auditability:** Provide a detailed audit trail, enabling object metadata and ownership to be preserved with the time and date an action occurred. Audit information can be searched and exported for review, if necessary.

Enhance understanding, identification, compliance and efficiency

StoredIQ Suite can help you better understand what data you have, identify data that requires special attention, comply with regulations and potentially enhance the efficiency of key workflows.

- **Find the data that matters:** Discover, classify and manage information according to business value to reduce risk and cost.
- **Spot compliance violations:** Determine how much personally identifiable information (PII) is stored in unsecure locations, find it and identify the biggest offenders.
- **Adhere to corporate disposition policy:** Comply with internally defined corporate policy by knowing exactly what information you have and where it is stored to delete data.
- **Accelerate workflows:** Speed data migration, investigations, and post-acquisition and merger data integration by better stratifying information.
- **Get rid of old, obsolete data:** Delete nonbusiness, aged and obsolete data to reduce data volume for business analytics.

Summary

Unstructured data across enterprises is growing. It has the potential to expose organizations to significant legal costs and risk. Organizations need to discover data by breaking down data siloes. By providing a powerful, highly scalable solution for data identification and management, IBM helps organizations gain visibility and control over their enterprise data. StoredIQ Suite is designed from the ground up to deliver on the manage-in-place philosophy. Built around a distributed architecture, StoredIQ Suite can be deployed quickly and easily so organizations can start with a small project and scale as their data grows.

For more information

To learn more about IBM Information Lifecycle Governance solutions, contact your IBM representative or IBM Business Partner, or visit: ibm.com/analytics/us/en/technology/information-lifecycle-governance



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