

Govern your information with IBM StoredIQ Suite

Highlights

- Identify data in place that is relevant for your activities
- Visualize, refine and tag pertinent sets of data
- Discover dark data and identify sensitive and personal data
- Classify documents using active machine learning
- Act on data that's been audited
- Execute records retention and disposition policies
- Perform e-discovery processes

Discover, analyze and act on unstructured enterprise data in place

Organizations today are looking for innovative ways to manage and derive value from rapidly rising volumes of data. As managers and executives, you understand that fully capitalizing on business-ready data can help your organization gain a competitive advantage. While some organizations have mastered capturing and storing unstructured data, they may still struggle with identifying and managing that data under compliance, while gathering meaningful insights. The remarkable growth of unstructured data requires that businesses develop updated data management processes. With current data privacy regulations and more forthcoming, it's critical that organizations have the ability to know, trust and use their data. Having an analytics foundation of [business-ready data](#) can help your organization meet important business objectives.

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 compliance, e-discovery, records management, 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 implement business-ready data and drive your organization's digital transformation.

Identify and manage your data with in-place data management

IBM StoredIQ Suite allows you to manage your data in place using advanced indexing technologies, rather than managing data subsets from a repository or specialty application database. In-place data management streamlines the collection, discovery and analysis of unstructured data. This helps to improve speed, scalability and reliability of your business processes.

StoredIQ Suite provides a range of workflow benefits including the following:

- **Efficiency:** An indexing engine dynamically gathers and stores intelligence about data across the enterprise so that it's available for virtually any business process
- **Scalability:** StoredIQ Suite can process immense amounts of data in place
- **Optimization:** A distributed architecture links instances of StoredIQ Suite to manage a company's data
- **Rapid deployment:** StoredIQ Suite lets you quickly analyze data to then derive meaningful insights

StoredIQ uses a governing principle of indexing and managing in place instead of moving and storing to help you manage big data environments. The solution has data discovery cartridges focused on the General Data Protection Regulation (GDPR) that provide a powerful data assessment solution for recognizing potentially sensitive or personal data. This feature can help support client readiness for the GDPR.

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 enter search strings that range from simple to complex. You can perform searches on an arbitrary mix of full text, metadata and file attributes.

StoredIQ Suite supports advanced search capabilities as follows:

- 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, or digital signatures

StoredIQ Suite has a modern, interactive, scalable search and facet-based analysis interface (Figure 1), providing immediate insights into enterprise-scale content. The solution provides document tagging to manage and classify documents and a number of features to organize your data such as:

- 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 find country-specific data, including data that may be considered personal or sensitive
- In-depth analysis of large amounts of corporate data

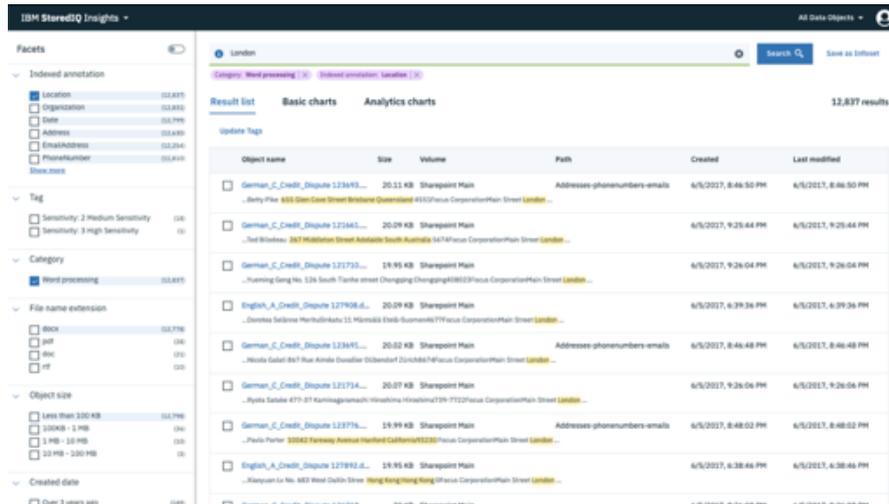


Figure 1. StoredIQ Insights user interface

StoredIQ Suite comes with a capability called Cognitive Data Assessment (CDA) that’s used for document classification (Figure 2). CDA uses active machine learning, which helps save time.

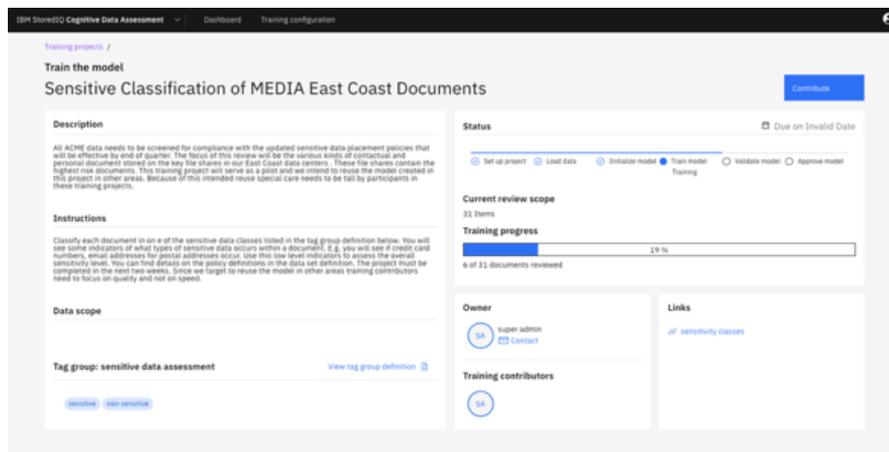


Figure 2. Cognitive Data Assessment

Cognitive Data Assessment has the following features:

- Uses existing StoredIQ cartridges to seed data assessment

- Uses advanced search to review and tag documents to improve precision
- Active machine learning recommends the most valuable documents for review and accelerates improvement of your data model

Collect your enterprise data

StoredIQ Suite can identify, collect and preserve active Electronically Stored Information (ESI) from more than 100 common enterprise data sources—including network servers, storage systems and the cloud—while minimizing disruptions to users. The suite supports more than 450 file types. Identification, collection and preservation are all done 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. Desktop Data Collectors can be used for collecting data related to eDiscovery matters. 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 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 3). Additionally, the entire contents of each data object can be displayed to gain thorough context of the information as necessary.

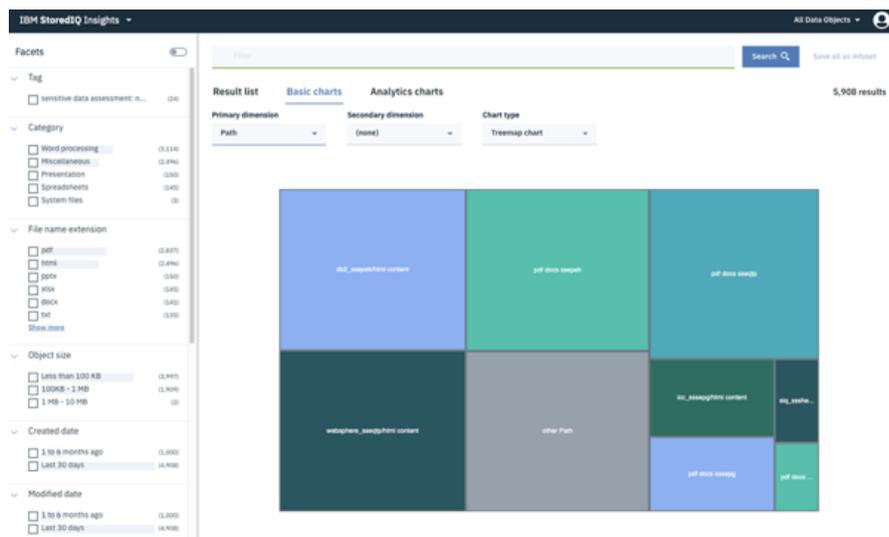


Figure 3. StoredIQ Suite illustrates filtered data based on metadata attributes for simplified analysis and culling

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—including owner, size, date and type—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.

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 term 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 and organize it into smaller, more meaningful or relevant information sets. Search by age, location, job type, among other filter options. You can further filter 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's separated across large physical distances to be acted upon in a single motion, which can help facilitate a data governance project.
- **StoredIQ for legal identification and collection:** 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 isn't 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.

In addition, StoredIQ capabilities are available digitally with [IBM StoredIQ InstaScan](#), an unstructured data management and privacy solution that identifies risk hot spots in an organization's data sources and reduces the time for compliance data collection.

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 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's 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

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 and make it business-ready. 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 so organizations can start with a small project and scale as their data grows.

Why IBM?

IBM DataOps capabilities help create a business-ready analytics foundation by providing market-leading technology that works together with AI-enabled automation, infused governance, and a powerful knowledge catalog to operationalize continuous, high-quality data across the business. Increase data quality to provide an efficient, self-service data pipeline to the right people at the right time from any source.

For more information

To learn more about IBM StoredIQ solutions, visit: ibm.com/products/storediq-suite.

Learn more about IBM DataOps at ibm.com/dataops. Visit the Big Data and Analytics hub at ibmbigdatahub.com.

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