



Enterprise Data Collection & Discovery

Streamline access and management of all electronic assets.



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Power Over Information

The Data Discovery Challenge

Enterprise organizations generate large volumes of information every day – some of it valuable, but much of it becomes unessential over time. Discovering, storing and organizing the relevant information, allowing it to be leveraged in order to make more informed decisions, is a huge challenge.



Federal Rules of Civil Procedure (FRCP), Sarbanes-Oxley, and other recent regulations mandate how electronically stored information (ESI) such as contracts, spreadsheets and email are handled internally, and more importantly produced to the courts when required. This is driving the need for a comprehensive IT Discovery solution.

The spread of data across desktops, networked servers, backup tapes and other various storage devices, adds to the complexity of the project. But when done thoroughly, with capable technology, enterprise IT discovery will alleviate much of the risk and expense corporations are shouldering from keeping so much unneeded data around. A comprehensive indexing process also enables the collection of relevant data in support of legal and records management initiatives.

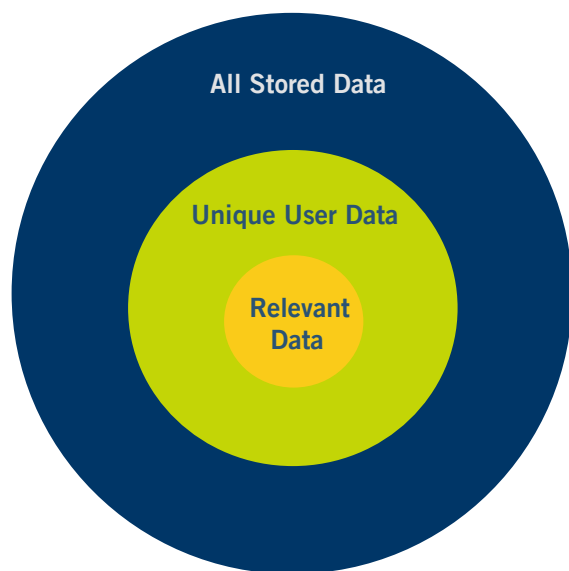
Why Deploy A Discovery Platform?

- **Litigation Support** – supporting eDiscovery requests from legal has never been easier. Simple content and metadata search across all enterprise data delivers a deterministic result set of responsive files and email to extract to litigation hold.
- **Risk Assessment** – understanding the contents of all enterprise data allows for early review of sensitive content. Automatically classify risky content such as credit card or social security numbers. Sensitive content or suspect custodians can be searched for and isolated and a risk profile can be created.
- **Backup Infrastructure Consolidation** – changes in corporate strategies and mergers and acquisitions can create a tangle of inherited backup tape formats. Direct, fast indexing of tapes and servers allows the comprehension and extraction of relevant content without the need to maintain non-production backup environments.
- **Storage Optimization** – maximize the enterprise storage investment through indexing, reporting and deduplicating what is being stored.
- **Tape Remediation** – significantly reduce liability hidden in offline tapes through intelligent remediation. Perform searches for custodians and key words to uncover files and email with relevant data. This data is extracted and legacy tapes are recycled, saving storage costs.
- **User Productivity** – allows users to search enterprise data according to their existing network security permissions and leverage existing content.

The Index Engines Platform

Index Engines takes a fresh approach for discovery of all ESI in the enterprise. The Index Engines platform integrates high speed indexing into existing infrastructure that is non-invasive and highly efficient. Terabytes of data on network file servers can be processed at unprecedented speeds – up to 1 Tb/hr/node. Only Index Engines makes information locked away on historical backup tapes easily accessible - without the need to restore the content. Even data on user desktops, or contained in forensic images can be easily discovered and collected. One platform seamlessly indexes, searches and separates the relevant content from the mass of enterprise data, regardless of location, format or age.

As Index Engines processes data, a searchable index is generated containing rich metadata and content for all common unstructured files and email. This unified index contains information about data residing on backup tapes, networks and large storage file systems to allow for search, deduplication and extraction of unique content through a single interface. The data is not copied during the indexing process, therefore the index footprint is remarkably small - only 4-8% of the original data size. No other solution has the depth and breadth of discovery across the enterprise. One Index Engine can index over a billion objects (files and email) per system. The diagram below shows an example implementation of Index Engines for comprehensive data discovery.



Unified Platform Features

- Direct indexing of unstructured files and email via NDMP and NFS/CIFS. Indexing speeds of 1 TB/hour, many times faster than traditional indexing solutions, allow for rapid data processing and collection.
- Ability to schedule incremental updates to ensure the index is always current.
- Integration into existing Active Directory security environment controlling access to sensitive data.
- Direct indexing of offline content at the speed of tape. Supports all common tape drives including DLT, LTO, and tape libraries.
- Direct indexing of data in popular backup formats including: Backup Exec, NetBackup, NetWorker, TSM, Commvault, UltraBac and ArcServe. No need to have the backup software installed.
- Indexes from various containers combined for a unified, deduplicated results set across online and offline content.
- Full text and metadata indexing provides comprehensive search results for targeted collection.
- “Internet like” query tools using Boolean, pattern and metadata search on network content to find and extract all relevant files and email.
- Unique document signature generated at indexing for dynamic deduplication query capability. Returns only unique files when searching, eliminating duplicate files and email.
- Dynamic classification of data based on query. Execute a query and instantly generate a summary report based on the result set.
- Comprehensive summary reports providing detailed information about the enterprise data assets in order to support storage optimization and data protection efforts.

What Makes Us Different?

Founded in 2003, Index Engines is the leader in enterprise discovery solutions. Our mission is to organize enterprise data assets, making them immediately accessible, searchable and easy to manage.

Index Engines purpose-built indexing operating system was designed from the ground up to meet the demands of the enterprise. Unlike traditional project-based indexing products, Index Engines has delivered enterprise class processing speed, scalability and access to proprietary environments.

All components of the engine, including the database, text extraction, and query engine have been developed by Index Engines in order to meet Enterprise speed and scalability requirements. Traditional indexing products that use third party and open source components, typically designed for Internet-class indexing, fail when faced with terabytes of data.

The success of the Index Engines architecture is based on the efficient processing of enterprise data. Traditional indexers can not claim the same speed and efficiency since they have not invested in an architecture that scales to meet the challenges of the enterprise.

Businesses today face a significant challenge organizing their files and email to ensure timely and cost efficient access, while also maintaining compliance to regulations governing electronic data. Companies rely on Index Engines solutions for comprehensive insight into their data to simplify information discovery, classification and management.

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