

Index Engines: Tape

Instant Access to Backup Data without Restore

Applications

Litigation Support

Supporting eDiscovery requests from legal has never been easier. Rich search tool for data indexed directly off tape delivers a deterministic result set of responsive files and email to extract to litigation hold.

Risk Assessment

No more waiting for tapes to be restored in order to find and review potential liabilities. Offline content can be immediately searched so a course of action can be based on actual information.

Tape Remediation

Eliminate liability hidden in offline tapes. Perform searches using litigation custodians to uncover tapes without relevant data that can be legally destroyed.

Consolidation

Mergers and acquisitions can create a tangle of inherited, unstructured archived data. Direct indexing of tapes in non-production formats allows the comprehension and extraction of relevant content without restoring legacy infrastructure.



Index Engines provides direct indexing of tape data without the need to restore data for processing. Index Engines purpose-built platform, running patent-pending software, allows the search and extraction of backup data without requiring the original backup software. Gaining access to specific emails and unstructured files locked away on backup tape, or other backup containers, is now easy. Index Engines architecture understands proprietary backup formats and automates the catalog, index, search and extraction process of retrieving data contained on tapes. As compared to costly and time consuming traditional tape restoration methods, Index Engines eliminates the burden of full tape restore. This approach flips the data discovery process from Restore Everything then Discover to Discover then Restore Relevant Data. This methodology reduces the time and cost associated with access to backup tape data by +80%.

The Index Engines platform connects directly to tape drives, libraries or virtual tape libraries (VTL) and indexes the data at the speed of tape. The product provides a search interface to allow users insight into the tape content based on metadata properties, and textual content before chosen for extraction. From this view, files meeting the search criteria can be tagged for extraction. Index Engines will extract the desired files or email and all system and metadata from the backup tapes. The file integrity is kept intact and the original backup software is not necessary. Index Engines offers the only commercially available solution to access backup tape content with out the need for backup software.

Benefits

Direct access to responsive data on tape – by eliminating the need for backup software, Index Engines makes tape data searchable and accessible.

Save significant time and cost – real-world situations prove Index Engines solution saves +80% over traditional tape restoration methods.

Proactively manage tape data – Index Engines' offline tape solution makes it possible to proactively discover and manage data on backup tape. Store only what you need and reduce tape and cold storage costs.

Eliminate the need for data forensic skills – the simple internet-like GUI allows the search and extraction of data from backup tape without advanced knowledge of tape storage infrastructures or software.

Discover then Restore – Index Engines is flipping the process from Restore everything and then Discover what you need, to Discover what you have, and Restore only what is important.

Index Engines Is...

Automated.

Directly index tape content—no need to restore tapes. Immediately search tapes for relevant files and email.

Scalable.

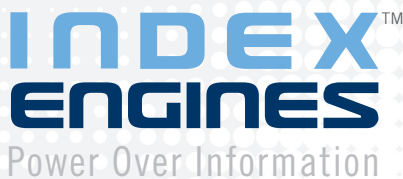
Designed to meet all your discovery needs, from finding and restoring files off a small number of tapes to even the largest enterprise-wide information management projects.

Immediate.

Install this plug-and-play solution in 30 minutes or less.

Easy to Use.

Perform simple or complex queries on data, and generate file restore requests using an intuitive browser based interface.



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Administrative

Load tapes into tape library/drive/VTL and catalogs are automatically generated.

Indexing occurs across all tapes, or specific backup set/servers.

Reports are generated which detail the ingestion and performance process as well as the results of indexing including encrypted or corrupt files.

Formats

Supports full content and metadata indexing of hundreds of common unstructured file types.

Supports Microsoft Exchange email (EDB and PST), internet based email (mbox) and Lotus Notes*.

Supports indexing of backup formats including CA ArcServe, IBM Tivoli Storage Manager, Symantec NetBackup and Backup Exec, and EMC NetWorker.

*Metadata support only for Lotus Notes.

Indexing

Indexing occurs at tape speed. For example, an LTO-2 tape will index at about 30 to 40 MB/second.

The index footprint is approximately 5-8% of the original data size allowing for extreme scalability and performance.

Query

Simple "Internet-like" keyword and metadata search.

Query using Boolean or Similar search criteria for content or comprehensive metadata parameters for document properties.

Sub-second query response time; all results are all returned in an average of one second.

Dynamic de-duplication enables queries to return only unique files.

Pattern searching allows for queries based on patterns such as a Social Security or credit card numbers

Extraction

Results of a query (including metadata and document text) can be exported to a text file and used for review or as an import into a document management system.

Automated extraction of relevant data with all original data, content and formatting, from tape without using the original backup software. Individual files or email are extracted or full containers such as EDB's.

Reports

Summarize tape contents including: report by file type, size, location, owner, age as well as by risk (SS#'s and CC#'s).

Technical

Each Tape Module is scalable to 200 million files or email. Clustered configurations are available for larger environments.

Support of tape libraries, tape drives or VTL via a SCSI or fibre channel connection.