

LAN Customer Case Study

Global Energy Corporation

Highlights

Company

Global Energy Corporation

Industry / Market

Among the largest independent oil and natural gas exploration and production companies in the world

Product / Application

Index Engines selected for litigation support of online, unstructured data

Key Business Issues

- Management of very large amounts of unstructured data for litigation support
- Well known platforms failed to index fast enough to handle large backup sets
- Accurate and expeditious search of ESI needed to support legal requests

Results

- ESI made available for fast, accurate search
- Litigation support team goals met and IT expectations exceeded
- Significantly increased productivity while saving time and money

“Only Index Engines could handle our data production volume. We are now saving over \$40K per month in offsite storage costs and are litigation ready.”

- LITIGATION SUPPORT MANAGER
GLOBAL ENERGY CORPORATION

Energy company seeks robust solution for mountains of data.

The infamous data glut hits successful companies the hardest. As they succeed they grow – both in personnel and data output. A global energy company was trying to solve this growing pain when they reached out to Index Engines. To comply with federal regulations around data retention and to accommodate discovery requests to support their legal team, the corporation’s IT professionals were looking for a solution to index, search and cull their 30 terabytes of unstructured backup data. The email archiving solution they had implemented to perform these functions on employee mailboxes could not keep pace with the production of business files; word documents, presentations, spreadsheets. With no archive solution in place, they were forced to perform full backups of this information, which was then being archived to tape and stored offsite every month. As this veritable mountain of backup tapes grew, the litigation support and IT departments worked together to identify technology that would allow them to work smarter, save the company money, and reduce risk.

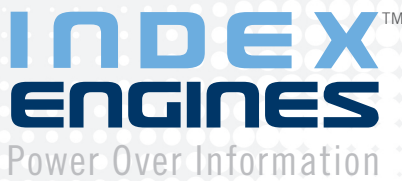
Single indexing solution handles both data management and litigation hold requirements.

The energy company’s goal was to save and organize the data they need, and purge the data they don’t. They needed to save certain types of records, authored or seen by certain custodians to comply with corporate litigation hold policies. They also wanted to gain control over the volumes of data being backed up to tape and incurring larger media expenses and storage fees every month. After trialing well known indexing and data management platforms, and having these products fail, Index Engines technology was implemented. The other indexing solutions they evaluated required seven or more nodes and over 30 days to index the 30 terabytes. One Index Engines node was installed and the job was complete in a week.

Index Engines was installed into the customer’s data production network. Indexing using NDMP, the full 30 terabytes of backup data was processed at an average of 70 megabytes per second. This was 10 times faster than other indexing solutions and they were able to index their full 30 TB of backup data in less than a week. NDMP is Network Data Management Protocol that was designed as a higher speed data movement process that overcomes the limitations of NFS and CIFS. Once the index was created, the IT team was able to cull out duplicate data and useless system files. Then the desirable data was

Implementation

- +30TB of unstructured data
- Data residing on NetApp filers
- Monthly indexing of incremental and full backup sets via NDMP
- Indexing unstructured data at an average of 70 MB per second
- Relevant data tagged and placed on litigation hold
- Litigation support team goals met and IT expectations exceeded
- Regular indexing allows expiration of backup to tape
- Saving +\$40,000 per month in media and storage costs
- Unmatched response time and professionalism lead to long term relationship



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easily imported into their chosen email archive platform to provide the legal team one interface to search and extract files and email as they met the criteria of an event's query set.

Going forward Index Engines technology will be used to index the energy company's incremental data backups via high speed NDMP protocols and extract the desired data onto litigation hold within their archive. This new approach allows them to reform their process of creating backup tapes each month to ensure their data was properly retained. This safety net was costing close to \$40,000 each month to purchase new tapes and store them along side the prior month's tapes. This expense is no longer necessary now that the Index Engines solution has been implemented. By enabling the collection and preservation of this valuable data, the Index Engine solution is allowing this customer to proactively manage their unstructured files and tunnel through their mountain of ESI.

ESI gets organized and is risk minimized.

The energy company's IT and litigation support teams have changed the way the corporation is handling their electronic stored information (ESI). With Index Engines technology they can now handle the large amount of data the company is producing without impacting network productivity. By combining access to unstructured backup files with access to archived email, they have created a records management system that provides a single point of reference for their legal team to draw from. This promotes informed decision making around sensitive situations. Risk associated with important data buried in hard to access backup stores is now averted. The company's data is where they need it, when they need it.

About Index Engines LAN Module

Index Engine LAN solution is an appliance, running Index Engines patent-pending software, designed to do a full text index of network data more efficiently than traditional indexing solutions. Index Engines is the only commercially available indexing solution that uses either high speed Network Data Management Protocols (NDMP) or multi-threaded NFS/CIFS scanning to index network data to efficiently process data. Index Engines indexes at speeds several orders of magnitude faster than other indexing approaches. The noninvasive NDMP method pushes incremental data to Index Engines for indexing, at speeds up to 1 TB per hour per node. The resulting index is generated with a footprint that is only 4 to 8% of the original files. Multi-threaded crawling allows for the processing of data that is not centrally stored on an NDMP enabled file server. With either approach, or using a combination of the two methods, Index Engines is optimized to index large data repositories quickly and efficiently in order to improve access and management of network content.

Contact Index Engines or visit our website for complete information on our LAN indexing solution.