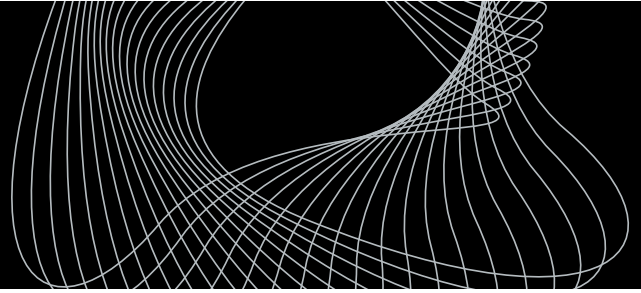


Electronic Discovery & Document Management Solutions



Challenge

Recent industry surveys show that nearly 90 percent of all U.S. companies have been engaged in some sort of litigation. Company legal departments have turned to electronic discovery and document management vendors, consultants and specialized law firms to help guide them through the litigation process. Each month, these vendors collect and process data, searching for specific pieces of information to use in legal cases, regulatory compliance or administrative applications. The data arrives in stacks of disks, CDs, DVDs, servers or on hundreds and sometimes thousands of tapes.

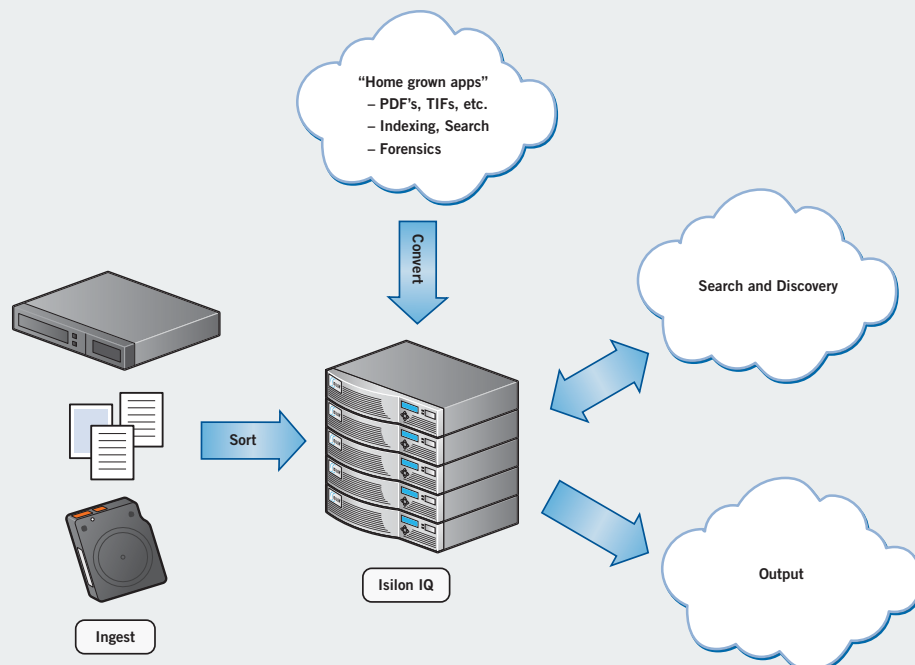
All of this data needs to be ingested into the storage infrastructure, sorted, organized and transformed into formats that can be loaded into a document management system that enables indexing, searching and other “forensic” analysis that supports legal discovery. The most relevant information then must be culled out and delivered on time to meet various legal obligations and parameters.

Solution

The workflow in electronic discovery is only as efficient as the underlying storage infrastructure. Isilon’s clustered storage systems enable electronic discovery companies to provide breakthrough service and faster turnaround time during the legal discovery process.

A key benefit of Isilon IQ® is the ease with which it allows users to add capacity without downtime or application changes. System administrators simply plug in a new Isilon IQ storage node, connect the network cables and turn it on. The cluster automatically detects the newly added storage node and begins to configure it to become integrated into the cluster. In less than 60 seconds, a user can grow available capacity and grow the single file system by terabytes as storage requirements change.

Through intelligent software and industry-standard hardware, Isilon IQ delivers the most cost-effective, reliable and highest performing storage systems available that can be installed in minutes, easily managed, and scaled incrementally based on business needs —enabling electronic discovery and document management companies to turn information into breakthroughs for their clients.



Electronic Discovery & Document Management Solutions

Key Benefits

Breakthrough Performance

At the heart of the legal discovery process is the speed at which raw data (CDs, tapes and scanned documents) can be pulled off their native formats and ingested into the storage subsystems. With Isilon, customers can easily add performance to an Isilon cluster in a near linear fashion, on the fly. Unlike other storage systems that communicate below RAID at the physical disk level, the Isilon OneFS® operating system controls the optimal placement of files directly on the disk and dramatically improves performance of the disk sub-system—enabling clients to begin their discovery analysis sooner.

In addition, Isilon IQ Accelerator-x platform extension nodes enable single stream performance of up to 400 MB/second, concurrent performance of up to 700 MB/second and delivery of over 26,000 transaction I/Ops.

Industry Leading Scalability—up to 2.3 PB in a Single File System

Isilon's unique clustered storage enables customers to scale both performance and capacity linearly or independently based on application or workflow needs. Each additional Isilon IQ storage node delivers more CPU, memory, bandwidth and capacity, enabling linear scaling of capacity and performance in the cluster. The addition of more CPU power with each new storage node enables customers to find and manage their data faster than ever before. For customers building large scale archives, the combination of an Isilon IQ storage node with an EX storage expansion node enables even the largest customers to scale up to 2.3 petabytes in size.

Broad Workflow Support

As a distributed file system, Isilon OneFS creates substantial improvements for ingesting, processing, analyzing and parsing electronic discovery data. Administrators can dynamically add and reallocate content when capacity and project requirements change, resulting in faster deployment of storage resources and optimization of legal discovery data searches.

Simple and Flexible to Manage

Electronic discovery companies' IT teams need to stay focused on optimizing systems for core business products and services. Therefore, the underlying storage infrastructure needs to be as simple and flexible as possible. Isilon IQ creates a single, shared pool of all content within the cluster, providing one point of access for clients and one point of management for administrators. Once an Isilon IQ cluster is established, clients can connect to any storage node and securely access all of the content within the cluster. Storage management has never been easier.

Makes Unpredictable Storage Requirements More Predictable

Electronic discovery companies can't always tell how big a case will become. In the middle of an investigation, new evidence may be discovered that adds additional CDs and backup tapes into the process. Isilon IQ quickly adapts to these changing and often unpredictable storage requirements, enabling electronic discovery companies to provide unprecedented turnaround time on the legal discovery process, even as data arrives at the last minute.

Mission Critical Data Is Always Protected

When combined with SnapshotIQ™ and FlexProtect-AP data protection, users can rest assured knowing that even in the event of accidentally deleted data or a critical failure, data is safe at all times. Furthermore, for organizations that want to protect their data against a catastrophic failure, SyncIQ™ replication software enables these critical assets to be replicated to a separate Isilon IQ cluster for disaster protection.

Isilon Clustered Storage

- Reduces storage costs
- Increases IT operating leverage
- Speeds workflows
- Unlocks new revenues
- Complementary

Related Products

Isilon IQ Platform Nodes

The Isilon IQ 1920, 3000, 6000, 9000 and 12000 platform node systems use standard Gigabit Ethernet for front-end connections and offer the option of Gigabit Ethernet or high-performance, low-latency InfiniBand® for intracluster communication at no additional charge.

Operating System—OneFS®

OneFS, now in its fifth generation, is Isilon's operating system software that provides the intelligence behind all Isilon clustered storage systems. It combines the three layers of traditional storage architectures—file system, volume manager and RAID—into one unified software layer, creating a single intelligent file system that spans all nodes within a cluster.

Isilon IQ Accelerator-x

The Isilon® IQ Accelerator-x extension node was designed to enable Isilon clustered storage customers with high-performance requirements to meet their specific workflow needs by modularly and cost-effectively scaling throughput. Powered by Isilon's OneFS operating system software, Accelerator-x nodes can be seamlessly added to any Isilon IQ 1920, 3000, 6000, 9000 or 12000 storage cluster using InfiniBand® networking to independently scale aggregate throughput up to 20 GB/second.

EX 6000 / EX 9000 / EX 12000

Designed as an extremely low cost, high-capacity clustered storage product, each Isilon EX 6000 contains 6 terabytes of SATA-II disk capacity (9 terabytes for the EX 9000 and 12 terabytes for the EX 12000) in a 2U form factor and utilizes state-of-the-art Serial Attached SCSI (SAS) technology to connect to an Isilon IQ 6000, 9000 or 12000 platform node. By leveraging Isilon's OneFS operating system software with Isilon's unique clustered-storage architecture, the combined result is a high-density storage solution that can modularly scale to hundreds of terabytes of capacity in a single unified cluster and single file system.

SnapshotIQ™

SnapshotIQ represents a significant advancement over traditional snapshot technology. Isilon snapshots are highly scalable and typically take less than one second to create, incurring little to no performance overhead, regardless of the size of the file system or directory being snapshot or the level of production activity on the cluster. Moreover, only changes to blocks that make up a file are reflected in updates to the current version of snapshots, thereby ensuring highly efficient snapshot storage utilization.

Customer Success

LexisNexis™ LexisNexis, a leading provider of legal, news and business information services, uses Isilon IQ to store millions of legal documents through its rapidly growing online LexisNexis File & Serve application. LexisNexis required a storage system that could scale easily and reliably as the total number of files stored grows by an estimated 50,000 every day. The reliability and scalability of Isilon IQ gives File & Serve customers greater control over delivery, management and cost of both filing and service.

“With its combination of modular, building-block scalability and extremely simple management, Isilon IQ performed well from the start and is an ideal storage system for our mission-critical revenue generating applications.”

***—Evans Roth, Vice President of Operations
for Emerging Markets, LexisNexis***



The San Bernardino County Recorder is leading the way for a digital government by making records available at the click of a mouse almost immediately after their filing with the Recorder's Office.

“Isilon IQ serves as the primary storage repository for all land title, birth, marriage and death records for the entire county. The system effortlessly integrated with our FileNet document management system, and its clustered architecture and SyncIQ™ replication software provide a high degree of reliability and scalability.”

***—Patrick Honny, Departmental Information Systems
Manager for the County of San Bernardino
Auditor-Controller/Recorder's Office***

Isilon IQ Clustered Storage

The Isilon IQ family of clustered storage systems was designed from the ground up to meet the needs of data-intensive enterprises and high-performance computing environments. By combining Isilon's OneFS® operating system software with the latest advances in industry-standard hardware, Isilon delivers modular, pay-as-you-grow, enterprise-class clustered storage systems.

- Powered by OneFS operating system software, distributed file system creates a single, shared global namespace
- First and only truly symmetrical clustered storage architecture
- System can scale from 4TB–2.3PB in a single file system
- Unmatched aggregate throughput from a single file system with up to 20 GB/second
- Single stream performance of more than 400 MB/second, concurrent performance of 700 MB/second and over 26,000 transaction I/Ops
- Industry leading, high availability for clustered storage systems
- Powerful, easy-to-use Web-based management
- 60-second scaling of both capacity and performance
- Built-in, automatic application/client connection load balancing
- Industry-standard protocol support (NFS, CIFS, HTTP, FTP, NDMP, SNMP, LDAP, ADS, NIS)



About Isilon Systems

Isilon Systems is the worldwide leader in clustered storage systems and software for file-based data, enabling enterprises to transform data into information—and information into breakthroughs. Isilon's award-winning family of IQ clustered storage systems combines Isilon's OneFS operating system software with the latest advances in industry-standard hardware to deliver modular, pay-as-you-grow, enterprise-class storage systems. Isilon's clustered storage solutions speed access to critical business information while dramatically reducing the cost and complexity of storing it.

The evolution of storage is clustered storage built on a powerful, open operating system with unique software that lets you pay-as-you-grow. Visit www.isilon.com/contact to get started—and see why clustered storage is paying off for some of the biggest and most respected names in the world.

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