



## Nytrix™ CIY™ 4 eDiscovery Platform

# Technical Tour and Case Study

Nytrix CIY™ is the Control-It-Yourself cloud-based ediscovery platform that gives users unmatched capabilities and control of the ediscovery process—all backed by the leader in discovery, CDS.

- Process—Analyze—Relate—In One Integrated Tool
- Get to Review with Unmatched Speed
- Reveal Knowledge from Complex Big Data
- Reduce Time, Costs, and Inefficiency

### Highly Scalable Big Data Infrastructure

CDS delivers Nytrix from its highly secure cloud, supported by our state-of-the-art, advanced architecture, to ensure that systems are optimized for speed, efficiency and complex Big Data. Our advanced distributed Apache™ Hadoop® architecture includes EMC Isilon servers to provide unprecedented speed, scalability, and availability.

### Zero Infrastructure Costs

Choosing Nytrix means no capital investment for your organization and no need to keep up with ever-changing technology or staffing.

### Certified, Tested Security Standards

The Nytrix cloud is protected by SSH User Authentication Protocol and our data transfer security protocols meet online banking standards SSL with 256 bit encryption.

CDS's eDiscovery processes and hosting are SSAE 16 SOC 1 Type 2 tested and ISO 27001 certified. That means you can rest assured data security meets the highest standards. Only Nytrix combines cloud-based accessibility, scalability, and advanced features with one of the largest and most trusted eDiscovery footprints in the industry.

Nytrix provides a wide range of role-based security levels—from system administrator to reviewer—for individuals or groups. They can be applied to data, documents, folders, and modules.

### Actual Case Example

(34GB in less than 3 hours)

- Friday at 7pm a client contacted CDS. He had 34 GB of data (compressed PSTs) that needed to be reviewed for a Monday production deadline.
- Data was transferred into Nytrix via the high-speed Aspera interface.
- By 9:30pm processing was complete (Less than 3 hours since the initial call).
- 238,000 documents were ready for review.
- The attorney performed search term optimization.
- Nytrix automatically created review batches based on the search optimization results.
- Saturday morning, 5 reviewers began reviewing 12,000 documents.
- Monday, 2,000 documents were produced.

## Fastest Data Transfer

CDS integrates Aspera high-speed file transfer technology into the Nytrix system to support movement of data between the client and the Nytrix infrastructure. This patented, highly efficient bulk data transport technology, fasp™, is unique and core to all Aspera high-performance file transfer software. The client interface provides easy navigation and drag-and-drop transfer initiation. The transfer job queue shows real-time progress and allows on-the-fly reordering and bandwidth control.

## Immediate Processing to Review

The Nytrix processing engine identifies, extracts, and processes over 300 native file types automatically. It extracts zipped and embedded files with no human intervention while maintaining the relationship between parent and child documents.

With as few as three clicks, Nytrix combines data ingestion and processing steps, so as soon as the data is in the system, it is available for early case assessment (ECA), culling, and review.

By maintaining native documents in a separate database, the architecture optimizes both data culling and the review process. The processed-data database, which includes the entirety of the data set, contains metadata, extracted text, and analysis results. Working within this database, case administrators use advanced data analysis tools to develop an early understanding of the data set, fine-tune the review parameters, and promote the likely-to-be-responsive documents to the review database along with their native documents.

All Nytrix ECA tools work with the processed-data database. These tools require systems designed for heavy-lifting to provide fast results for processor-intensive tasks. The Isilon-based Hadoop architecture is designed for these types of complex duties. The results are delivered in the Nytrix Dashboards and Nytrix Reports.

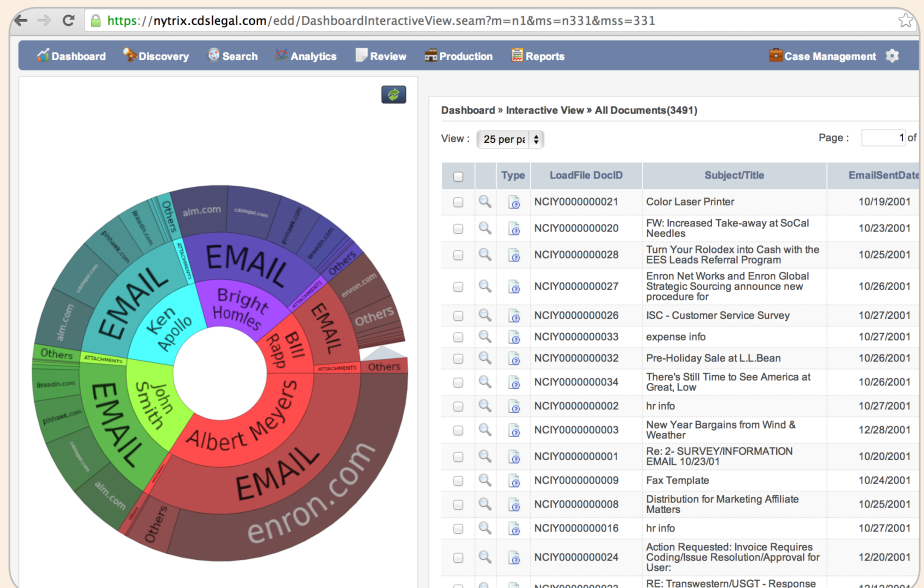
# Dashboards

Nytrix CIY contains two dashboards to deliver real-time information in quick-view and interactive formats. The quick-view dashboard contains information about the extracted data and the review:

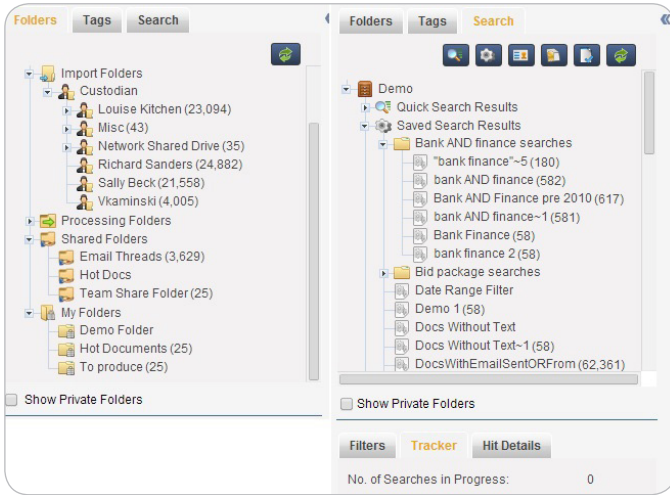
- Custodian Overview of file types
- Case Overview of review progress with sub
  - Total number of documents
  - Documents in review
  - Documents reviewed
  - Documents with hits
  - Documents with redactions
  - Tagged documents (by tag if selected)
  - Documents with comments
  - All of the above information for the case or for selected review sets
- Case Review Progress
  - By entire case or by review set
- Reviewer Productivity
  - For a selected date range
  - For selected or all review sets
  - For selected or all reviewers

The interactive dashboard reveals information about the data set:

- ESI Source information
- Custodian details
- Record type details
  - By case or custodian
- Exceptions
- Duplicate Documents
  - By case or custodian
- Document Extension



Interactive Dashboard



Nytrix offers private and shared folders to keep documents organized and to support easy collaboration between multiple users.

## Reports

Nytrix CIY delivers pre-defined standard reports and user-defined custom reports in table format:

- **Case Overview Reports**
  - Of all or selected saved searches
  - With all or selected fields
  - Documents in review
  - Documents reviewed
  - Documents with hits
  - Documents with redactions
  - Tags
  - Comments
  - Document Groups
  - All of the above by document type – email, attachment, loose file
- **Case Custodian Reports**
- **Review Productivity Reports**
  - For a selected data range
  - By selected or all review sets
  - By selected or all reviewers
- **Review Progress Reports**
  - For selected or all review sets
  - By selected or all fields
- **Group By/ Pivot Reports**
  - Select the row and column fields to report on
- **Tally Reports**
  - Document counts by any metadata field
- **Privilege Log Report**
  - With families, duplicates and email threads as selected

## Faster – Smarter – More Intuitive

Nytrix is device and browser agnostic, supporting the BYOD (bring your own device) realities of today's corporations, law firms, and government agencies.

## Document Review

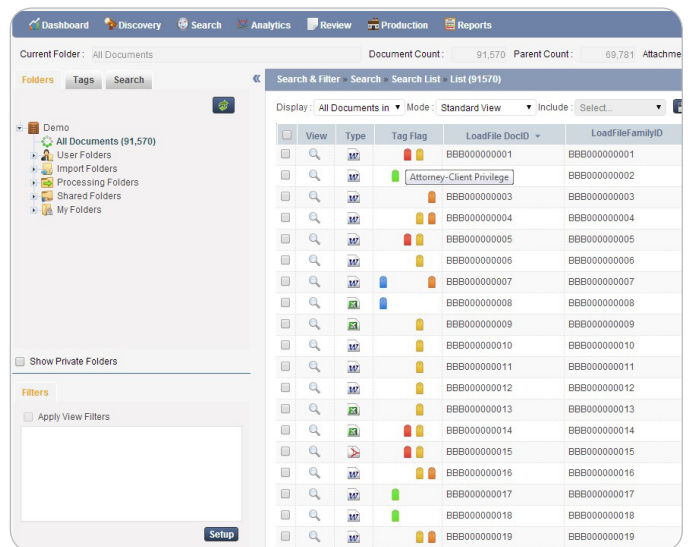
Documents are promoted to the review database and module keeping all work product from ECA activities intact. The Nytrix document review module is designed to expedite the identification of documents for production. The user interface is streamlined to eliminate extraneous, distracting elements. The customizable workspace conforms to each user's preferences and remembers those preference from session to session.

Documents can be viewed as near-native HTML renderings or in native format to capture all details of the source documents.

The Related Documents pane provides instant access to document families, duplicates, near duplicates, email threads and similar documents, to perform actions on selected documents from those groups.

On the Nytrix Tagging pane, users can apply tags to single or multiple selected documents. Mass tagging with email family proliferation can eliminate the need to review a large percentage of the documents and the tagging conflict QC function increases accuracy levels.

For privileged and proprietary information within documents, users apply redactions to the near-native versions of documents, shifting the image (PDF or TIFF) creation step to the production phase. This eliminates unnecessary image generation (reducing cost and time) and removes redaction bottlenecks caused by "tiffing on the fly."



The Nytrix Tagging pane applies tags to single or multiple selected documents.



Developed by our team of data scientists and engineers, the Nytrix Analytics™ suite is the most advanced text analysis tool available. The analytics tools are constructed from our custom algorithms which CDS developed and fine-tuned using Natural Language Processing (NLP) combined with Vector Mathematics. Nytrix Analytics creates structure from unstructured textual data to extract the meaning of words, sentences, paragraphs, and documents in context. The goal of observing previously unobserved behaviors or information within a data set is now easily reached. Classification of documents is available in a single pane providing users with all of the information that they need in one place.

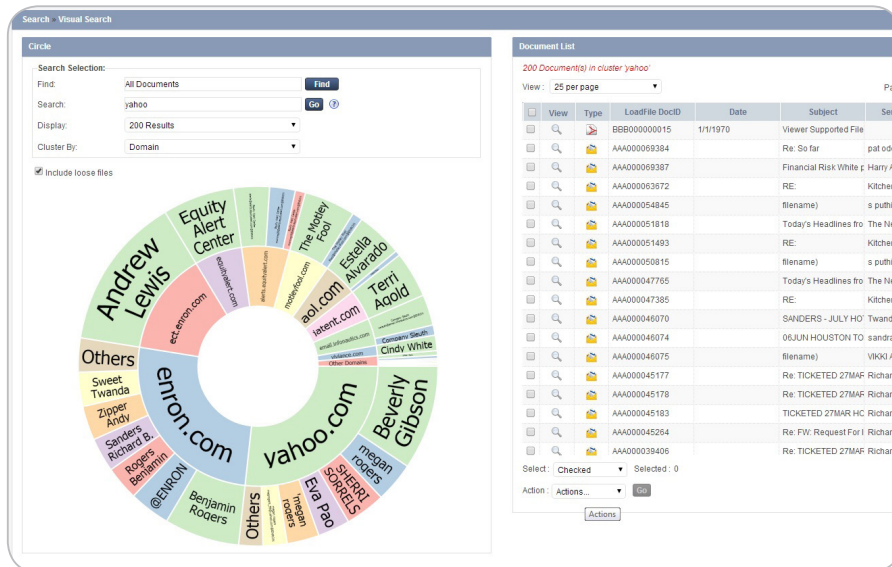
### Visual Search and Cluster

Nytrix Visual Search Clusters deliver results in a multi-layered circular graph, to offer an interactive view into the data. Queries can be applied to the entire data set or subsets. Nytrix offers three types of clusters:

- Domain
- Topic
- Concept

### Domain Cluster

Domain Search provides a view of the sources and destinations of emails within the set. This is used by discovery teams to group potentially privileged emails and to gain an understanding of “who was communicating with whom.”



Visual Search and Cluster gives you an interactive view into the dataset.

### Topic Cluster

Topic search combines Apache Lucene™ search technology with CDS’ advanced analytics, to group documents based on topics that are identified by analyzing both text and meta-data. This tool is often used to help attorneys pinpoint their matter keyword decisions prior to the 26(f) meet and confer.

### Concept Cluster

Concept search utilizes the CDS proprietary algorithms to identify documents that are about the query term even when the term itself is not present in the document. The cluster graphic displays snippets for each of the cluster groups for a quick view into each concept. This tool helps attorneys expand their case knowledge and identify related documents that might otherwise be overlooked with a standard keyword search tool.

To schedule a briefing or to learn more about Nytrix CIY please contact your CDS representative or reach us at (855) 813-0700 or [getstarted@cdslegal.com](mailto:getstarted@cdslegal.com).



★★★★★  
 Complete Discovery Source  
 “Best End-to-End eDiscovery Solution”  
 National Law Journal — 2014  
 National Law Journal — 2013  
 New York Law Journal — 2013  
 New York Law Journal — 2012

