nuix SENSITIVE DATA FINDER FOR ENTERPRISE

Stored data is a big source of business and compliance risk. It may contain regulated, confidential or sensitive information that must not leak outside your organizational boundaries. Unfortunately, breaches are increasingly common as a result of malicious attacks, human errors, and system configuration problems. With Nuix Sensitive Data Finder, you can quickly find out:

- What sensitive data your organization has
- Where it's stored
- When it was created—and why
- How you can make changes to protect it.

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Simple. Powerful. Precise.

POWERED
BY THE NUIX ENGINE

Nuix's patented parallel processing engine can search virtually unlimited volumes of unstructured data with unmatched speed and forensic precision. The Nuix Engine searches the complex data sources everyone else ignores because they are "too hard." This includes mobile devices, forensic images, file shares, Microsoft Exchange, Lotus Notes, Microsoft SharePoint, Microsoft Office 365, Amazon S3, Apple iCloud, Box, Dropbox, Google Drive, Microsoft OneDrive, and even live Microsoft SQL Server databases.

Nuix Sensitive Data Finder is integrated with the Nuix Engine and the latest version of Nuix's eDiscovery and investigation products. You can use your search results to create Nuix case files using our traditional architecture or an Elasticsearch database for ultimate scalability and performance.

CASE STUDY:
COMPLIANCE AUDITS FOR PRIVACY LEGISLATION

A major advisory firm was receiving many requests from clients to help them comply with multiple overlapping state privacy laws, industry-specific regulations such as HIPAA for the health industry, and industry standards such as PCI-DSS for companies that accept credit card payments.

The advisory firm started using Nuix Sensitive Data Finder. This advanced technology:

- Scanned for high-risk data without creating a permanent index, making it possible to deploy on a single server in client environments.

- Used Nuix's powerful Named Entities model to identify social security and credit card numbers stored in email, archives, file shares, and other enterprise storage systems.

- Made it easy for the advisory firm to locate high-risk information stored in inappropriate locations or without adequate protection, and recommend remedial action.

CASE STUDY:
LOCATING CONTRACTS IN THE WILD

A large financial institution was seeking to better manage its third-party vendor contracts. The firm discovered that employees often saved contracts in email or on shared drives, making it difficult to extract and analyze the contract terms in a new centralized contract management system.

The firm used Nuix Sensitive Data Finder to scan its network infrastructure and locate these contracts in the wild.

- Leveraging Nuix Sensitive Data Finder's parallel processing, the firm rapidly identified and extracted text and metadata from items across the network using a series of search queries.

- The firm's contract management team could analyze responsive items in real time, identify contracts, and fine-tune the search queries to improve the accuracy of detection.

- The firm then extracted the confirmed contracts and migrated them into the management system.

All the searching power ...

Nuix Sensitive Data Finder applies the power of the Engine to generate Information Transparency™ across the contents of email systems, file shares, archives, databases, and other enterprise storage systems. Our patent pending Custom Processing technology conducts complex searches—including optical character recognition—without storing a permanent index. This enables you to run sweeps or audits across large numbers of systems very quickly. You can persistently tag items, for example as responsive or not responsive, enabling you to create or cull lists of items using multiple queries in a workflow that spans the entire review process.

... with Minimal Storage and Less Risk

Custom Processing technology allows you to set rules about which metadata, extracted text, and binary files to retain for analysis. Most of our advisory firm customers set it to keep metadata and text only from items that contain sensitive data, and to ignore the rest. This means you can search across hundreds or thousands of systems without needing to build a large storage infrastructure or drastically slowing network performance. You can also avoid creating new records or discoverable content that represent an additional business risk.

Distributed Deployment

Nuix Sensitive Data Finder uses multiple agents—instances of the Nuix Engine. With this distributed deployment method, you can rapidly set up an audit or sweep across large numbers of systems, volumes, and locations—on Windows, Mac OS, and Linux computers, virtual machines, and Windows Azure cloud servers.

Work in the Cloud

Using the Nuix Agent Manager, you can dynamically manage Microsoft Azure virtual machines to process data alongside your Amazon S3, Microsoft Office 365, and Microsoft SharePoint data.

Centralized Management Dashboard

Our management dashboard enables you to execute distributed projects with confidence. You can monitor the volume of data processed and the search hits returned in real time to validate the results. Each graphical element in the dashboard is dynamically linked to the list of items behind it so you can get to the critical data even faster.

Avoid Business Disruption

Use Nuix Sensitive Data Finder's time-of-day processing feature to minimize performance impact on your clients' network and storage systems during business hours and maximize hardware usage during off-hours.

Stop When You Have Found Enough

Nuix Sensitive Data Finder makes it easy to identify systems that are not compliant with regulatory requirements. You can set a threshold, such as 10 instances of private data, and once Nuix Sensitive Data Finder reaches that point, it will stop searching that system and flag it for further review.

Find Private, Regulated, and Confidential Data—and More!

Nuix Sensitive Data Finder is ideal for locating high-risk and sensitive data, but it can easily search for any specific kind of data. Its applications include:

- Audit and regulatory response
- Contract compliance
- Loading selected data into a content or records management system
- Competitive response searches
- Freedom of information requests.

Powerful Visualizations, Presets, and Scripts

You can visually arrange search results by names of people and other extracted entities, timelines, statistics, relationships, access permissions, and other relevant criteria. Our query builder lets you create and reuse complex queries using a simple interface. You can automate common tasks using our built-in metadata profiles, filter criteria presets, entity definitions, and risk profiles, and write scripts to rank the risk level of responsive items.

BUSINESS BENEFITS

Improve Regulatory Compliance

Nuix Sensitive Data Finder gives you transparency into what sensitive data your organization has, and where it is stored, so you can make informed decisions about your compliance obligations to manage it. This helps you meet all relevant regulations around storing, managing, protecting, and disposing of private and high-risk information.

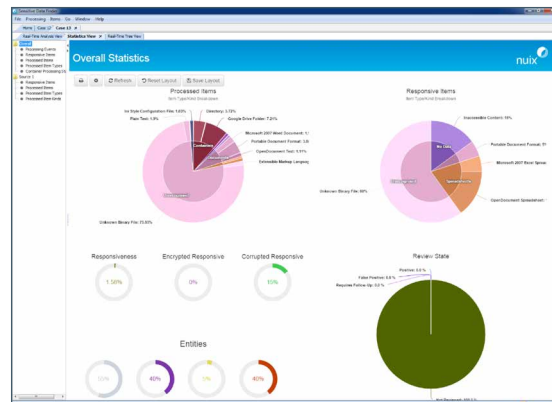## Safeguard Sensitive Data Against External and Insider Breaches

Unauthorized and poorly protected copies of sensitive data are easy pickings for cybercriminals and malicious insiders. Locating and securing or removing these copies reduces your organization's exposure to cybersecurity breaches, insider abuse, and inadvertent data loss.
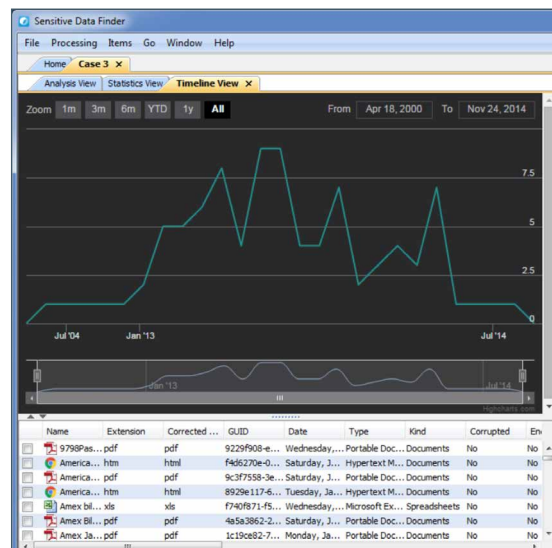
Manage Risk

Employees daily create, copy, and work with sensitive data on unmanaged systems such as local hard drives, file shares, and email. Conducting regular sweeps or audits helps you locate unprotected data and educate users to improve their behavior.

Protect Valuable Assets

Nuix Sensitive Data Finder can apply the same methods to locate and help you protect valuable and confidential information such as contracts, trade secrets, proprietary recipes or methods, software code, pricing, and other strategic and decision documentation.

TO FIND OUT MORE ABOUT NUIX SENSITIVE DATA FINDER VISIT
nuix.com/SDF

ABOUT NUIX

Nuix protects, informs, and empowers society in the knowledge age. Leading organizations around the world turn to Nuix when they need fast, accurate answers for investigation, cybersecurity incident response, insider threats, litigation, regulation, privacy, risk management, and other essential challenges.

Monitor the number of items, volume of data processed, and number of search hits in real time.

Understand if risks are recurring or one-time events with an interactive timeline view.
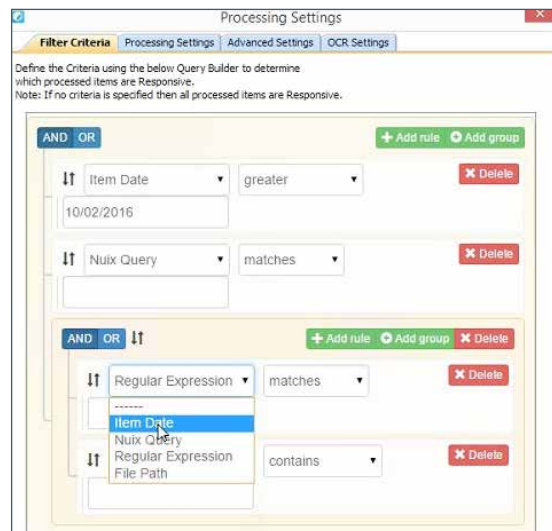
Create complex reusable searches using the Query Builder.

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FINANCIAL INSTITUTION HUNTS FOR CONTRACTS IN THE WILD WITH NUIX SENSITIVE DATA FINDER

Nuix Sensitive Data Finder is ideal for locating high-risk and sensitive data which is subject to regulations or industry standards, such as credit card numbers and personal information

SUMMARY

A large financial institution needed to locate vendor contracts that employees had stored in difficult-to-search locations such as email and file shares. The firm used Nuix's Sensitive Data Finder technology to search for common contract terms across many terabytes of email, file shares, and other storage systems. Nuix Sensitive Data Finder:

- Searched very rapidly across massive volumes of data

- Conducted complex searches without creating a permanent index, thus minimizing storage requirements

- Provided real-time results to help the firm fine-tune its searches and improve detection accuracy for each system.

CHALLENGE

This financial institution was seeking to better manage its third-party vendor contracts. Each business unit had its own vendor management process, which led to considerable variation in contract language, risk assessment, ongoing due diligence, and pricing practices.

To address these inconsistencies, the firm sought to standardize on a single process and centralize all contracts into a management system. During this exercise, the firm discovered that employees often saved contracts in email or on shared drives, making it difficult to extract and analyze the contract terms.

The firm evaluated technologies that could quickly and thoroughly identify contracts "in the wild" and bring them under the control of the management system. However, these technologies needed to build indexes of the target data before being able to search them, which would require considerable spending on storage infrastructure.

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SOLUTION

The firm turned to Nuix, its long-time supplier of eDiscovery software, to address this challenge. It recognized that Nuix technology was unmatched in its ability to search through difficult-to-access storage systems.

Nuix recommended its new Sensitive Data Finder product to scan the firm's network infrastructure to locate these contracts in the wild. Sensitive Data Finder uses Nuix's patent pending Custom Processing technology, which conducts searches—including optical character recognition—without storing a permanent index. This enabled the firm to run sweeps across large numbers of systems very quickly with minimal storage requirements.

Nuix Sensitive Data Finder is ideal for locating high-risk and sensitive data which is subject to regulations or industry standards, such as credit card numbers and personal information. However, customers are finding it equally useful for locating other specific kinds of data for tasks such as contract compliance, audit response, and loading selected data into a records management system.

Real-time search results also helped fine-tune the search queries to improve the accuracy of detection for each system on the network

RESULTS

Using a series of search queries relating to common contract terms, Nuix Sensitive Data Finder rapidly identified and extracted text and metadata from items across the network.

The firm's contract management team could analyze responsive items in real time and flag any real contracts for further analysis. Real-time search results also helped fine-tune the search queries to improve the accuracy of detection for each system on the network.

The firm then extracted the confirmed contracts and migrated them into the management system for ongoing administration.

ABOUT NUIX

nuix.com

Nuix enables people to make fact-based decisions from unstructured data. The patented Nuix Engine makes small work of large and complex human-generated data sets. Organizations around the world turn to Nuix software when they need fast, accurate answers for digital investigation, cybersecurity, eDiscovery, information governance, email migration, privacy, and more.

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For more information, visit nuix.com/SDF