NEXTLABS
Smart Classifier

Policy-driven Automated Classification for Enterprise Data

THE SITUATION

Companies are increasingly challenged with how to manage large volume of data. Companies have terabytes of data in archive that need to be managed, classified, and controlled. As more data is collected and shared, it has become increasingly difficult to ensure data is available to the right person at the right time. To meet the needs for access to data from anywhere, anytime, and any device, while remaining compliant with corporate information security policies and regulatory mandates, companies must classify their data. Accurate classification is fundamental to ensure adequate protection of the sensitive data. Access and usage policies can then be defined based on different classification of data.

THE SOLUTION

Smart Classifier, the NextLabs solution for Policy-driven Automated Classification of Enterprise Data works with existing document repositories to automatically classify, organize and protect enterprise data at large scale. Key solution capabilities include:

- **Classify data based on keywords and meta-data.** Combining keywords with meta-data reduces false positives and false negatives.

- **Policy-driven batch classification.** Automatically classify data in multiple repositories based on complex rules using keywords & metadata in English like sentences.

- **Automated organization of data.** Automatically organize your legacy data using pre-defined rules and actions, such as, move, copy, delete, label files.

- **Rights Protection.** Automatically apply rights protection to sensitive files based on pre-defined rules and integrate with NextLabs Enterprise Digital Rights Management (EDRM) solution.

- **Scan incremental changes in real time or at configurable intervals.** Scan large file repositories (even Terabytes) including incremental scans for the changes in the file repository in close to real time or at configurable intervals.

- **Centralized management, reporting and notification**. Centrally manage rules and create reports to understand how data is distributed and stored.

THE RESULTS

Effective data classification is the cornerstone of good data protection policies. With the NextLabs solution for Automated Classification of Enterprise Data, customers can enjoy the following benefits:

- Enhance compliance with regulatory mandates, such as data privacy and export control laws, by automatically segregating data and ensuring appropriate data residency.

- Automate record keeping processes through policy-driven transformation of data, ensuring data are deleted, moved, labelled or protected as required by corporate rules.

- Improve protection of sensitive data through proper discovery and classification of data, enabling content-aware access controls and rights protection.

CLASSIFY DATA BASED ON KEYWORDS AND META-DATA

While existing file scanning solutions rely mainly on keyword matching, which often results in false positives and false negatives, the Policy-driven Automated Classification of Enterprise Data solution leverages both keywords and meta-data information to substantially improve accuracy.

POLICY-DRIVEN CLASSIFICATION AND AUTOMATED ORGANIZATION OF DATA

Centrally define rules governing how data should be classified and organized. Rules may combine keywords, regular expressions and meta-data from files, SharePoint objects and file repositories to improve targeting. Multiple rules may be applied with pre-configured priority, and one or more actions may be taken to classify, move, delete. Policy-driven classification and organization reduces human errors by automating the process, and improving business efficiency.

RIGHTS PROTECTION

In addition to automated classification and organization, sensitive data can be automatically rights protected in bulk to secure sharing. The solution integrates with NextLabs Rights Management out-of-the-box. It supports any file types including Microsoft Office, PDF, CAD and Images.

SCAN INCREMENTAL CHANGES IN REAL TIME OR AT CONFIGURABLE INTERVALS

The solution can be configured for bulk scanning at the beginning of a deployment, and then for incremental scans at real-time when there is a change in file. Incremental scans are optimized to only inspect delta updates to the file repository since the last scan, ensuring maximum performance. Combination of bulk and incremental scans ensure round the clock coverage of your file repository to ensure data is always properly classified and segregated. The scanner can also be configured to run at certain part of day, such as, off peak hours and weekends.

Feature	Support
File Repositories	Windows File Server, Microsoft SharePoint, and CIFS-based file repositories
File Formats	Word, Excel, PowerPoint, PDF, AutoCAD, ZIPs, MSGs, Visio, NXL and hundreds more

EXTENSIBLE FRAMEWORK FOR DATA CLASSIFICATION AND TRANSFORMATION

The NextLabs solution for Policy-driven Automated Classification of Enterprise Data automatically classifies data at rest, and it complements existing NextLabs Document Controls, which provide graphical interfaces to classify data in use, to provide a complete data classification solution. The solution also provides an extensible framework for customers to define their own transformation tools in addition to the out-of-the-box tools, such as, classify, copy, move, delete and protect.

CENTRALIZED MANAGEMENT, REPORTING & NOTIFICATION

Provide reports based on policy-driven scan results to understand the distribution of file types across your storage infrastructure. Reports can be scheduled to run at pre-specified times and administrators are automatically notified via email.

ABOUT NEXTLABS

NextLabs®, Inc. provides zero trust data-centric security software to protect business critical data and applications. Our patented dynamic authorization technology and industry leading attribute-based zero trust policy platform helps enterprises identify and protect sensitive data, monitor and control access to the data, and prevent regulatory violations – whether in the cloud or on premises. The software automates enforcement of security controls and compliance policies to enable secure information sharing across the extended enterprise. NextLabs has some of the largest global enterprises as customers and has strategic relationships with industry leaders such as SAP, Siemens, Microsoft, AWS, Accenture, Deloitte, Infosys, and IBM. For more information on NextLabs, please visit http://www.nextlabs.com.

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