



Brochure

Information Management and Governance

File Analysis Suite Data Discovery

SaaS-based File Analysis

DD **Data Discovery**

Micro Focus Data Discovery is an application in the File Analysis Suite providing file analysis, review, and control of data within on-premises and cloud unstructured data repositories. [Read more.](#)

CONNECT
Create and manage the repository index process including the configuration of metadata enrichment e.g. sensitive data identification.

ANALYZE
Discover and analyze data through enterprise dashboards and data subsets within workspace review workflows.

MANAGE
Create and execute policies using workbooks to take action on items including data preservation, export, further enrichment and deletion.

MICRO FOCUS
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ADMINISTRATION

Figure 1. Data Discovery is a File Analysis and Content Services Platform application

Product Value

Micro Focus® File Analysis Suite–Data Discovery SaaS platform provides file analysis, tagging, analytics and personal data discovery across mission critical unstructured repositories including NT file shares, Exchange, Office365, SharePoint/SharePoint Online and Micro Focus Content Manager. The integration with Content Manager provides data management actions for disposition, records management and long-term preservation capabilities. Data Discovery addresses key challenges around data privacy and associated risk assessment use cases. It represents a key solution for mitigating risk associated with data privacy challenges, including GDPR (EU—General Data Protection Regulations), KVKK—Protection of Personal Data Law (Turkey), POPI— Protection of Personal Information Act (South Africa) and the CCPA (California Consumer Privacy Act), as customers look for technology to assist in identifying, managing and securing personal identifiable information and other sensitive data.

Product Feature List

Hybrid Cloud File Analysis

- Modern SaaS, micro service-based architecture designed for the cloud—providing instant project startup and automatic scaling.
- Subscription service from Micro Focus enables customers to start analyzing corporate data without large capital expenditure.
- Agentless cloud connectivity for Office 365 and other cloud repositories—analyze your data directly in the cloud.
- Hybrid file analysis capabilities allows for data to be analyzed in the cloud regardless of the source data being on premise or cloud.
- Management console for monitoring all file analysis and index processing activities.

Sensitive Data Analytics, Research Workspaces and Dashboards

- Automated tagging, and metadata enrichment with pre-built sensitive data analytics grammars and pattern matching for sensitive data analysis and identification (PII, PCI, PHI).
- Contextually aware pattern matching to reduce false positives with configurable rules for tagging sensitive data to make identification more accurately.
- Custom grammar creation to enrich data using regular expressions.
- Define or import your own term lists to help refine tagging specific to your organization.
- Data volume dashboards to manage and monitor the file analysis process.
- Sensitive data dashboards allow you to identify sensitive data, where it is located across the enterprise, and drill down into the data for deeper analysis.
- Create Workspaces from subsets of your corporate sensitive data index to identify data sets and conduct deeper analysis and review of sensitive data.

Detailed Risk Assessment, Data Subject Analysis:

Data Enrichment and Management

- Identify data subject information and organize data into subsets via Workspaces allowing Data Subject Access Requests (DSARs) to be processed.
- Analytics-based tagging, keywords and data enrichment help create and refine data subsets, to identify risk and ultimately take action on data that needs to be managed (e.g., collect, hold, delete, declare as record).
- Workspaces provide analytical views, sensitive data types, key risk indicators, hit highlighting as well as privacy scoring thresholds for better decision making.

Data Remediation

- Rich set of dynamic or manual actions for data deletion, records declaration, and archiving to Micro Focus Content Manager for compliance purposes.
- Remediation actions to be applied to selected files without the need to moving or copying the data from its source (e.g., collect, hold, delete, declare as record).
- Workspace reporting based on all actions, tags, privacy scoring for Data Subject Access Requests (DSARs).

- Review and audit remediation actions by internal subject matter experts.

File Analysis Suite Architecture

SaaS Framework for File Analysis Suite (FAS)—Data Discovery

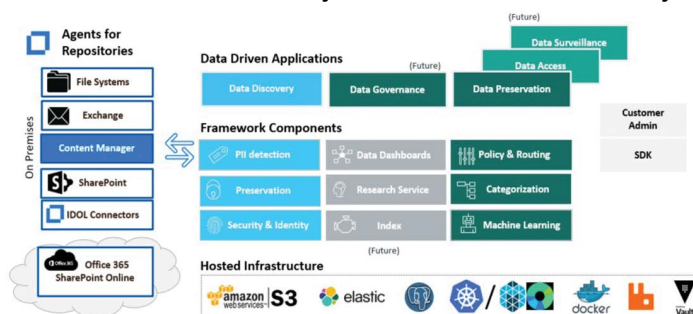


Figure 2. SaaS framework for File Analysis Suite (FAS)

Application Architecture Components—Hyper Scale and Secure

As customers look to meet the evolving workloads, wrangle enterprise data, comply with global regulations and contain the cost associated with managing and securing sensitive data, new solutions are required to meet these mounting data management requirements across the business. The File Analysis Suite Data Discovery module is ideally suited to meet these challenges. Built as a cloud-first, multi-tenant SaaS solution, Data Discovery is built to scale, drive operational efficiency through data analytics, and intuitively identify risk while reducing the total cost of compliance.

In addition, Data Discovery is extensible to securely analyze and interrogate the most common, high risk unstructured data repositories (e.g., file shares, Exchange, SharePoint, SharePoint Online, Office 365, Content Manager), as well as additional repositories via Micro Focus IDOL connectors (e.g., Box, GoogleDrive, Documentum, Filenet). The connector framework ensures secure access to the data being analyzed as well as encrypting any flow data or data natively stored by the application.

For customers looking to manage personal and sensitive data more holistically, Data Discovery provides a hybrid option by integrating with Micro Focus Content Manager which provides a long term repository for archiving and managing business records.

Summary

Through value-added data assessment and discovery, analytics and data management capabilities, Data Discovery extends the value of our customer’s investment in managing information risk associated with changing and evolving global data privacy regulations. Data Discovery allows customers to confront the mounting technical debt associated with unbridled data growth and helps drive down the total cost of compliance.

Data Discovery is intended to help customers analyze, manage and secure their most sensitive and high valuable assets. Data Discovery does this by creating a file analysis application that will identify, tag and manage sensitive and personal data in both unstructured data and structured data repositories (via Structured Data Manager integration in a future release) from a single pane of glass. This helps customers address one of their greatest compliance challenges facing them today.

Data Discovery connects into and monitors the most common sources of personal and sensitive data—IDOL analytics assist in risk and data privacy assessment by identify personal and sensitive data along with tools to effectively manage and secure those data sets.

Dashboards

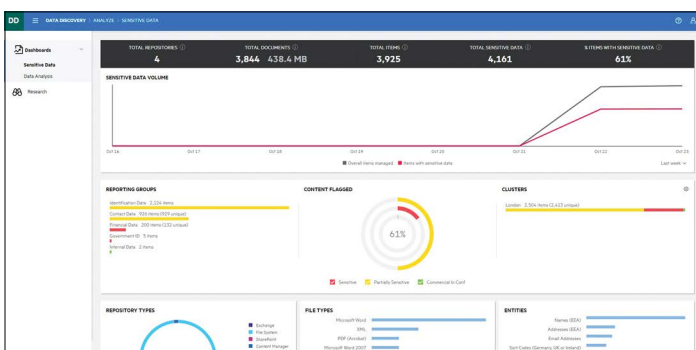


Figure 3. Data management dashboard

As an Information Manager, dashboards provide an analytical overview of corporate data to identify information risk within the organization to prioritize remediation efforts.

Research

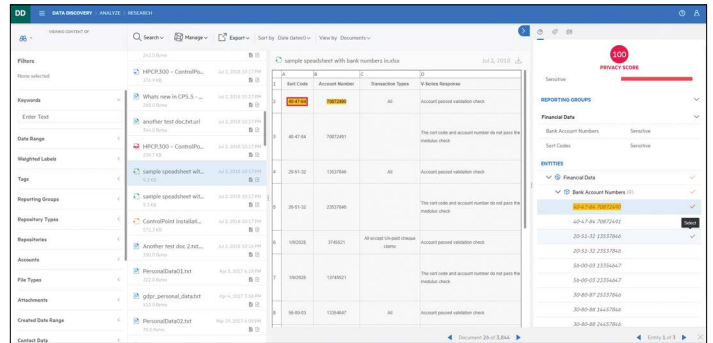


Figure 4. Research dashboard

As a Data Analyst, the toolset provides research of the corporate index to identify specific information risk areas for deep analysis with Workspaces.

Agents

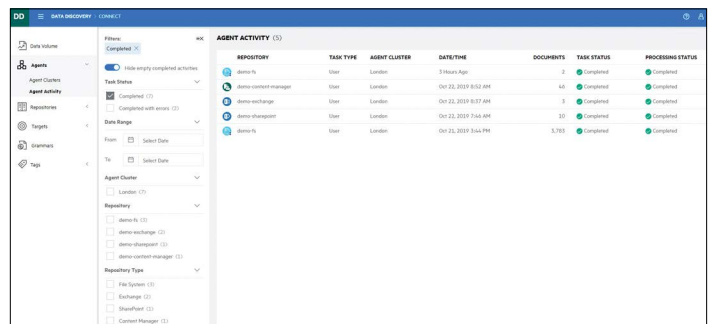


Figure 5. Monitor and index corporate data

As a System Administrator, the management tools create and monitor the index process for corporate data. Cloud agents are configured for remote data and downloadable on premise agents for local data.

Tagging and Grammars

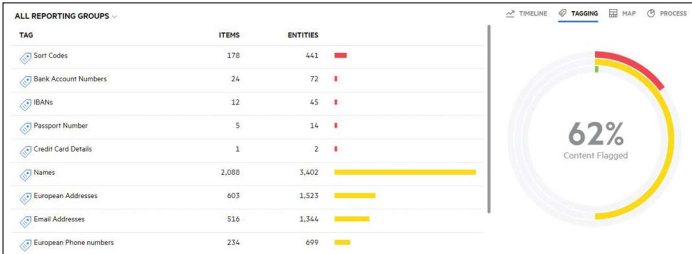


Figure 6. Create tags and reporting groups

As a Data Analyst, the index can be configured to create tags and reporting groups to identify sensitive data using out of the box PII, PCI and PHI grammars and entities or create their own tags using analytical clauses and custom grammars using regex commands.

Workspaces Overview

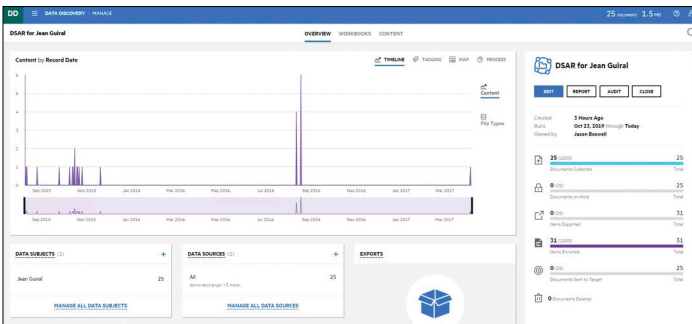


Figure 7. The interface provides detailed analysis

As a Data Analyst, the workspace interface provides detailed analysis of the subset of data defined with the workspace. Workspaces are built upon templates, e.g., the Data Subject Access Request template allows for a definition of a data subject to identify an individual's sensitive data.

Workbooks—Detailed Analysis

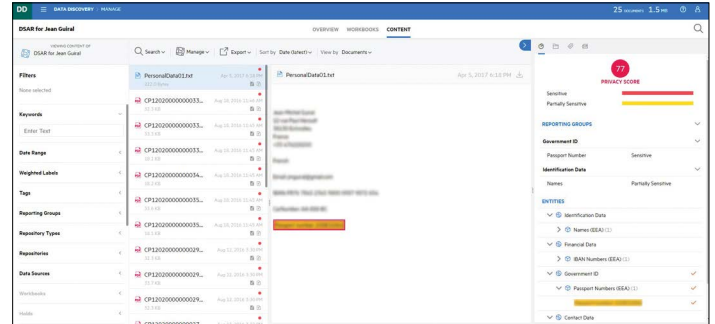


Figure 8. Content view

As a Data Analyst, the content view provides detailed analysis of the data subset with tags highlighted within individual documents so sensitive data remediation actions can be identified and false positives can easily be identified.

Workbooks—File Remediation

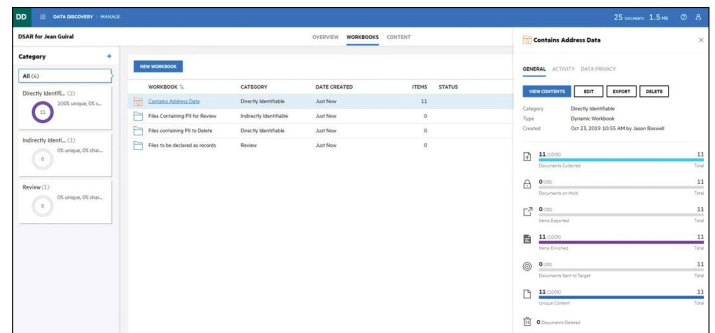


Figure 9. Collect, Delete, Enrich, Send to Target

As a Data Owner, actions on the remediation of the data including; Collect, Delete, Enrich, Send to Target (archive) actions can be reviewed and approved before actions executed.

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