

DataGovernance Solution

DataGovernance Suite for managing unstructured data

Highlights:

- Multi-user platform for data owner
- Scans file server/NAS/SAN, Exchange, SharePoint, Office365, OneDrive in no time
- Analyzes and creates an index of millions of documents and emails
- Recognizes more than 600 different file formats and supports OCR scanning
- Extracts meta information, permissions and content to generate a profile for each data object
- Automatically links the profile with structured data from Directory, ERP, CRM, HR-systems, etc.
- Has connectors for ODBC, ADO, ActiveDirectory, Excel, Flat Files (CSV)
- Enables dynamic analysis and visualization of all dependencies in an OLAP cube with drill-in and drill-through
- Has a comprehensive Enterprise Search Engine with an integrated viewer for almost all file types
- Offers features to interactively or automatically classify, tag, move, delete, protect and archive data
- Integrates Microsoft File Classification Infrastructure (FCI) and Rights Management Services (RMS) Azure Information Protection (Q4/2019)
- The license model is flexible and scaled for all types and sizes of companies



The large amount of unstructured data piled up over the years and still growing exponentially is a big challenge for all companies. About half of this data is so called dark data with unknown content. Another 30 percent is ROT data, which is classified by data owners as redundant, obsolete and trivial (ROT).

Only 15 percent of the data stored by a company is identified as being crucial to its business success. How can this data be effectively managed by data owners? Is it possible to easily identify, classify, protect or eliminate data, which underlies special regulations and policies? How can risks be minimized?

Transparency and control Big Data & Data Mining technologies

With the **DataGovernance Solution (DGS)** companies gain full transparency and control and receive a comprehensive business view on their unstructured data. The solution based on an information-centric approach employs big data and data mining concepts.

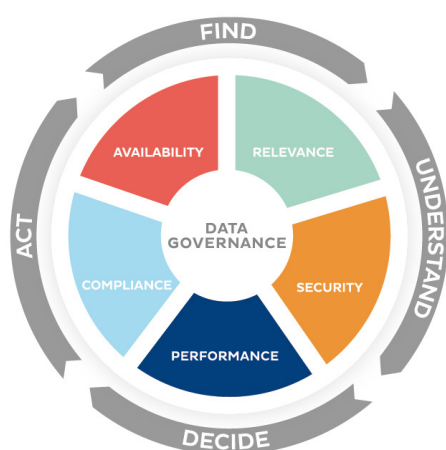
DGS scans regularly file and mail repositories to identify new or modified objects. It extracts meta information, access permissions and content to create a profile of each data object in a meta information system.

The profiles can automatically be verified and amended by structured data found in CRM, ERP, HR-systems, ActiveDirectory or other external directories.

It is possible to interactively link and analyze the information in any possible way with an OLAP cube. Various actions can be executed directly from the analysis, rule-based, automated or from the enterprise search.

With the **DataGovernance Solution** management of unstructured data can be tremendously simplified and tasks can be delegated to the responsible person.

File storage will be optimized and costs for infrastructure and operations can be reduced. Internal policies regarding information security, data protection and regulatory requirements can be quickly implemented with full transparency with the unique **DataGovernance Solution** allowing companies to easily proof compliance.



DataGovernance Solution

DataGovernance Suite for managing unstructured data

DGeasy™	
Inventory & History	Inventory and history over all data objects. Saves meta information and permissions of all data objects in a central database. Tracks a history over any changed, moved or deleted objects. Creates a virtual copy of the original file storage. Offers an interactive analysis in an OLAP cube and reporting via external tools.
Permission Analysis	Analysis and visualization of Windows ACL permissions. Resolves nested groups and shows effective access rights for each data object. Identifies objects with abnormal ACL (unresolved SIDs, broken ACL, unique permissions, etc).
File Access Auditing	Real-time auditing and reporting solution for Windows server and clients. Audits file and folder access and file operations by user and source. Has integrated alerting and reporting functions.
DGassist™	
Storage Optimization	Optimization tool for storage responsables. Data is moved rule-based to cost-effective storage or online archive. Creates a link for each file at the old storage location and automatically corrects invalid hyperlinks in documents. Has an integrated workflow for eliminating duplicates.
Windows ACL Management	Active upgrade for DGeasy™ for Permission Analysis. Supports administrators in cleaning-up permissions. Corrections and clean-up of ACL on files and folders can be applied directly from the analysis to a large amount of documents.
Data Organization & Clean-up	Platform for data owners to clean up and reorganize data. Creates a virtual copy of the file storage system in a database. Allows to analyze and clean up the data offline and to modelize and visualize the new structure. Clean-up on the production environment can be executed with automated tasks.
SharePoint/Office365 Migration	Multi-user solution for the efficient and controlled migration of data from the file system to SharePoint. Includes all features for the correct preparation, consolidation and migration of data to SharePoint/Office365. Is Based on DGassist™ for Data Organization & Clean-up.
DGunique™	
Enterprise Search	Central search engine for data on file servers, Exchange and SharePoint. Creates a meta information system over all unstructured data in an organization. Makes it possible to find any relevant information within seconds. Includes an integrated viewer for over 600 file formats.
Data Classification	Automated classification and continuous reclassification of large amounts of data. Supports Microsoft File Classification Infrastructure (FCI). Uses OCR scanning and analyzes all popular file formats. Integrates DGassist™ for Windows ACL Management.
Information-Lifecycle-Management	Intelligent solution for information-lifecycle-management. Extension for DGassist™ for Storage Optimization. Allows to automatically link unstructured data with structured business data, to take decisions on the basis of business relevance and to take appropriate actions.
Compliance & Security Auditing	Tool for auditors as well as security and data protection officers. Offers all functions to autonomously verify the implementation of guidelines and measures and the compliance with policies and regulations.
DGcomplete™	
GDPR Compliance	Comprehensive suite for data owners. Offers tools and functions to effectively implement GDPR. Easy identification of personal data, verification of business relevance, permission analysis, document classification, protection and controlled deletion.
Microsoft Information Protection	Protection of documents with Microsoft technology. Includes DGassist™ for Windows ACL Management and DGunique™ for Data Classification. Documents can in addition be protected with Microsoft Dynamic ACL (Central Access Policy) and Rights Management (RMS). Support for Azure Information Protection (AIP) is planned for Q4/2019.
SharePoint & Office365 Cloud	Central management platform for unstructured data stored locally, in SharePoint, Exchange and Office365 Cloud. Offers tools and functions to answer all relevant questions regarding data storage, data quality, file structure, information lifecycle, permissions, ownership, data protection and risks and for efficient data management.

DataGovernance Solution

DataGovernance Approach to managing unstructured data

