

DGcomplete™ for Microsoft Information Protection

DataGovernance Suite for unstructured data

Highlights:

- Scans file server/NAS/SAN, SharePoint, Exchange, OneDrive
- Analyzes and creates an index of millions of documents and emails, recognizes more than 600 different file formats
- Extracts meta information, permissions and content to generate a profile for each data object
- Supports OCR scanning and profiling of archived files
- Automatically links the profile with structured business data from Directory, ERP, CRM, HR systems, etc.
- Has connectors for ODBC, ActiveDirectory, ADO, Excel, Flat Files (CSV)
- Offers 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 automatically classify and tag data
- Enables visualization and global analysis of access permissions
- Static ACL, Central Access Policies and RMS Policies can be applied easily
- Integrates with Microsoft File Classification Infrastructure (FCI), Rights Management Services (RMS), Azure Information Protection (Q4/2019)



Microsoft offers interesting integrated features in its products to easily protect unstructured data and to realize solutions for data protection, data loss prevention and information rights management.

However, how can concepts with Microsoft File Classification Infrastructure (FCI), Central Access Policies (Dynamic ACL), Rights Management (RMS) or Azure Information Protection (AIP) be implemented easily, transparent and successfully? How can the security features of ActiveDirectory, Office, SharePoint and Exchange be used optimally?

Successful implementation of information security concepts with Microsoft

Classification – data protection – data loss prevention

Microsoft has many features in its Office products and ActiveDirectory to classify documents and to protect them effectively against unauthorized access.

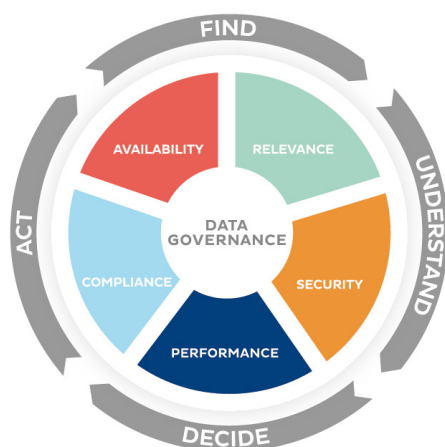
With Rights Management Services (RMS, AIP) it is easy and transparent to encrypt documents and to give access rights to functions such as print, copy and send. Via the static ACL and Central Access Policies (standard feature as of ActiveDirectory 2012) dynamic access permissions can be granted out of a combination of user and computer attributes. What Microsoft is missing however, is a central component to identify relevant information, to automatically classify and to decide rule-based, how the various data should be protected.

DGcomplete™ uses Microsoft features to implement concepts for data classification, data protection, data loss prevention and Information Rights Management easily, cost effective and successful.

The solution is based on an information-centric approach and employs big data and data mining concepts to analyze data saved on file servers, SharePoint or Exchange. Large amounts of data can be classified interactively or rule-based and automatically. Microsoft FCI writes the classification in the file properties or on the file system. The permissions can be checked with **DGcomplete™** by content and classification.

Directly out of the analysis, static ACL, Central Access Policies or Rights Management Policies can be set easily. Permissions are checked and changes tracked through regular scans.

DGcomplete™ and Microsoft – that is all what is needed!



DataGovernance Solution

DataGovernance Approach to managing unstructured data

