



# Discovery of Sensitive Unstructured Data

A quick-scan to gain insights into your  
unstructured data & access permission risks



# Take control of your data

## Do you know?

If you are compliant with data protection regulations such as GDPR, SOX, PCI etc.?

Where (privacy) data of your customers resides?

Who has access to your 'Crown Jewels'?

Who has access to what classified data?

Which means there are to control and protect sensitive data?

If access is aligned with the business rules?

How effective your access governance is?

In order to be in control over data and comply with new privacy laws such as GDPR and changing regulations, enterprises are required to uncover and mitigate hidden (sensitive) data risks, taking access to that data into account.

The volume of unstructured data within enterprises has been growing exponentially over the past years. Data stored on file shares, devices, collaboration portals, mailboxes and cloud platforms is increasing, but managing such unstructured data remains a challenge.

## 1. CHALLENGES

Unstructured data can be stored in a wide variety of places. Users can create, modify and delete data without an oversight. Over time, there is a huge possibility that privacy and sensitive data is being stored in unknown and insufficiently protected locations.

It is very intensive to perform periodic assessments and/or audits, in terms of time and resources, when reviewing data and access permissions to ensure proper data protection.

In order to enable organizations to quickly gain insight into their unstructured data and protect the data effectively, KPMG offers the Unstructured Data Quick Scan, which enables enterprises to:

- Find where unstructured (sensitive) data resides.
- Determine who can access unstructured data.
- Analyse the effectiveness of implemented access permissions.

## 2. KPMG'S UNSTRUCTURED DATA QUICK SCAN

We perform a quick scan on specific unstructured data sources to locate the sensitive data (e.g. credit card numbers, personal health information) using keywords, wildcards, and regular expressions.

The quick scan can be performed for:

- **On premise sources**, such as Windows file-servers, NAS devices, SharePoint and Exchange, as well as
- **Cloud sources**, such as Office 365, Box, Dropbox and Google Drive.

Furthermore, we assess the access permissions of the identified unstructured data against predefined access requirements, which are derived from your company policies, business rules and regulatory compliance requirements, as well as best practices.

The results are captured in a report that provides full insight into the identified (sensitive) unstructured data, access permissions and risk areas along with improvement recommendations.



# How will this quick scan be provided?

The quick scan consists of following steps:

## KICK-OFF

Identify the scope of the quick scan. Scope usually consists of:

- **Data sources:** Where to find the unstructured data?
- **Identity sources:** Where to collect identities from?

1

## DETERMINE KEYWORDS AND REQUIREMENTS

Determine keywords that should be used to identify sensitive unstructured data. Additionally, access requirements are determined to analyse who should have access to what and identify violations.

2

## INSTALL AND CONFIGURE THE QUICK SCAN TOOL

Install the quick scan tool and configure it to scan data sources and identity sources as identified in step 1. Additionally, the access requirements as identified in step 2 are configured.

3

## COLLECT DATA

Run the tool to locate sensitive unstructured data and collect access permissions.

4

## ANALYSE

Perform analysis on the collected data based on the access requirements to identify violations.

5

## REPORT

The report will provide information on identified (sensitive) unstructured data, including associated access permissions violations. Furthermore, it will also provide improvement recommendations.

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## Advantages of KPMG's Quick Scan

### COMPLETE COVERAGE

Get in control over unstructured data on premises and in the cloud. Discover redundant access and over exposed file shares.

### EASILY REPEATABLE & SCALABLE

This scan can be configured and performed periodically. Additionally, extra data sources can be added without much effort.

### LESSER FRUSTRATION AND RESOURCING REQUIREMENTS

This service answers the questions regarding unstructured data and access permissions in a comprehensive way. The report produced at the end of the assessment will eventually save a great deal of time, especially during audits.

### FOCUS ON REAL RISKS

Based on our experience with risk and performing unstructured data quick scans, we assist you with defining keywords and access requirements to effectively locate and analyse sensitive data. As a result, we are able to uncover the risks you are facing.

### RISK REDUCTION

As a result we provide an in-depth view into the actual risks associated with your unstructured data management. Additionally, we provide improvement recommendations enabling you to take necessary and timely action to manage these risks.

# Why KPMG?

KPMG is a leading cyber security specialist with a network of over 189,000 professionals, providing a broad professional service portfolio. KPMG's international network operates in over 155 countries. Partnering with KPMG ensures that you will get the outstanding quality we are so proud of.

We help organizations in implementing pragmatic, effective and tailored Identity and Access Management (IAM) solutions. Our IAM experts are trained and qualified, have in-depth knowledge, and experience with best-of-breed technologies. With down-to-earth approaches, practical project execution, comprehensible presentations and constructive support, we help organizations to not only become compliant to regulations, but also to be trusted by clients, customers and employees.

## Contacts

For more information on the Unstructured Data Quick scan or KPMG's Cyber Security Services, please contact us or visit us at [www.kpmg.com/nl/cybersecurity](http://www.kpmg.com/nl/cybersecurity)

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