

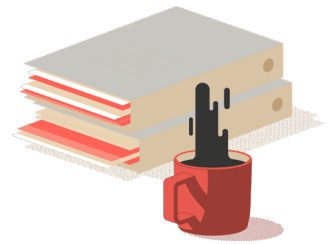
# Transform content into information

Information overload increases daily. At FileExpert we understand the challenge so aim to provide a way to navigate through and make sense of the underlying value locked away in the sea of data. With a combination of Machine Learning and Artificial Intelligence it is possible to remove manual processing and improve accuracy ultimately improving productivity and saving costs.

## The daily grind only refers to coffee these days!

Repetitive and regular processing like Accounts Payable can be revolutionised by a combination of automatic recognition techniques and business process workflows. The whole process can be enhanced by cross referring to both local or public data sources.

While this used to be the purview of large organisations with FileExpert's SaaS options then small and medium organisations can benefit without a capital expenditure. Furthermore you can scale your activities to changing requirements without having to manage peak volumes.



## Too many needles even more haystacks

Some tasks seem insurmountable when first presented. Nobody considered let alone heard about GDPR while terabytes of information were stored away on corporate servers.

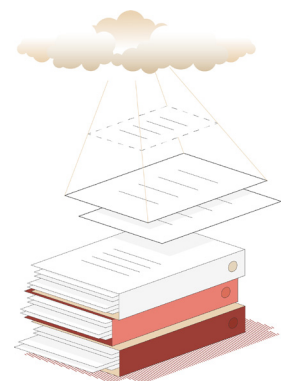
So, a method of establishing which files contain personally indefinable information can be crucial. Using our discovery tools makes what at first sight seem impossible manageable. This can be conducted at a retrospectively or as a normal component of your document take on.



## The one-off

There are unique situations that will occur rarely but are important and can require considerable effort. Company mergers, migration of information from a defunct system or once in a lifetime change brought about by some external event such as Brexit.

It is in these cases you need something that you can develop and deploy rapidly. It may even be the case that you need to outsource the whole exercise as it would be an unacceptable drain on your resources.



Intelligent Information Management

# The technical detail

## Smart recognition

Using the most accurate and robust OCR available to maximise your capture results. The operation is driven by 3 sophisticated OCR engines using a voting system to give you stunning output.

Some documents have a known pattern so you can reliably extract information from specific locations using zones. Firstly, you need to analyse and categorise the document to conduct the zonal capture

## Automatic Tagging

Some documents, such as invoices, have common information but will be formatted differently in each case. Tell the system what you are looking for by giving examples and it will discover that type of information in different situations.

Once you have shown the system where information is to be found on a document it will remember what to do when it encounters that document again without intervention.

## Artificial Intelligence

Is used increasingly to determine the content. Some notable uses include the discovery of personal information to highlight GDPR compliance, where the document appears to be a contract or financial record.

Machine Learning is another powerful aspect of AI by showing the system where information is to be found it can remember what to do when it encounters that pattern again without your intervention.

## Workflows

Documents will be separated into specific work queues according to their content or by the fact that they require operator intervention dictated by processing rules or falling below recognition confidence levels.

Once the capture phase distinguishes and categorises the document. it can pass it to other systems, like M-Files, to perform more sophisticated business process workflows.

## Database Validation

Use existing database sources to cross check and validate what the system is reading. Supplement the database and enrich metadata with the information you find.

These sources can be specific SQL database tables set up for the purpose but equally well can be the background database underpinning an Accounting or CRM system

## Cloud Options

In the past these systems tended to be local but with the advent of Cloud computing it is quite common for this software to be offered in a SaaS model.

While it is true that these systems were primarily focused on digitising paper records it is now the case that a great majority is received electronically as PDF files or indeed captured directly by phone cameras removing the requirement of a dedicated scanner.

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