The Role of Documents in Information Sharing

The purpose of a document is to facilitate the transfer of information from its author to its readers. Documents are a convenient format for sending, receiving, and storing information. However, information can often become buried within documents, requiring users to manually extract it.

What Is Intelligent Document Processing (IDP)?

Intelligent Document Processing (IDP) uses AI and/or machine learning to read, extract, and process information from any document, making it more usable for your business. IDP supports a wide range of document types and formats (structured, semi-structured, and unstructured), and can process content in a way that mimics human understanding.

Why use IDP?

The purpose of IDP (Intelligent Document Processing) solutions is to reduce or eliminate the manual effort involved in handling documents. This enables people to focus on higher-value, more meaningful tasks.

Real-World Examples

01 Automated Verification

A financial institution can use an IDP solution to check if all required loan documents have been uploaded - automating the first step in verifying eligibility.

02 Data Extration

A legal team can use an IDP solution to quickly find and retrieve key information from contracts using a simple, chat-like interface.

03 Simplied Summarisation

A project team can use an IDP solution to review documentation and meeting notes, creating a summary of project plans, changes, and outcomes.

Technologies behind IDP

A blend of OCR, LLMs, and multi-modal AI powers IDP - extracting, understanding, and enriching document data.

Optical Character Recognition
For high-volume text extraction, OCR can be used to efficiently extract text from digital or scanned documents.

Large Language Models
LLMs can do more than just extract and classify data - it can read and understand content and perform tasks that require logic and reasoning.

Multi-modal Models
Multi-modal models can analyse documents that include both text and visuals, such as photos, illustrations, or diagrams.
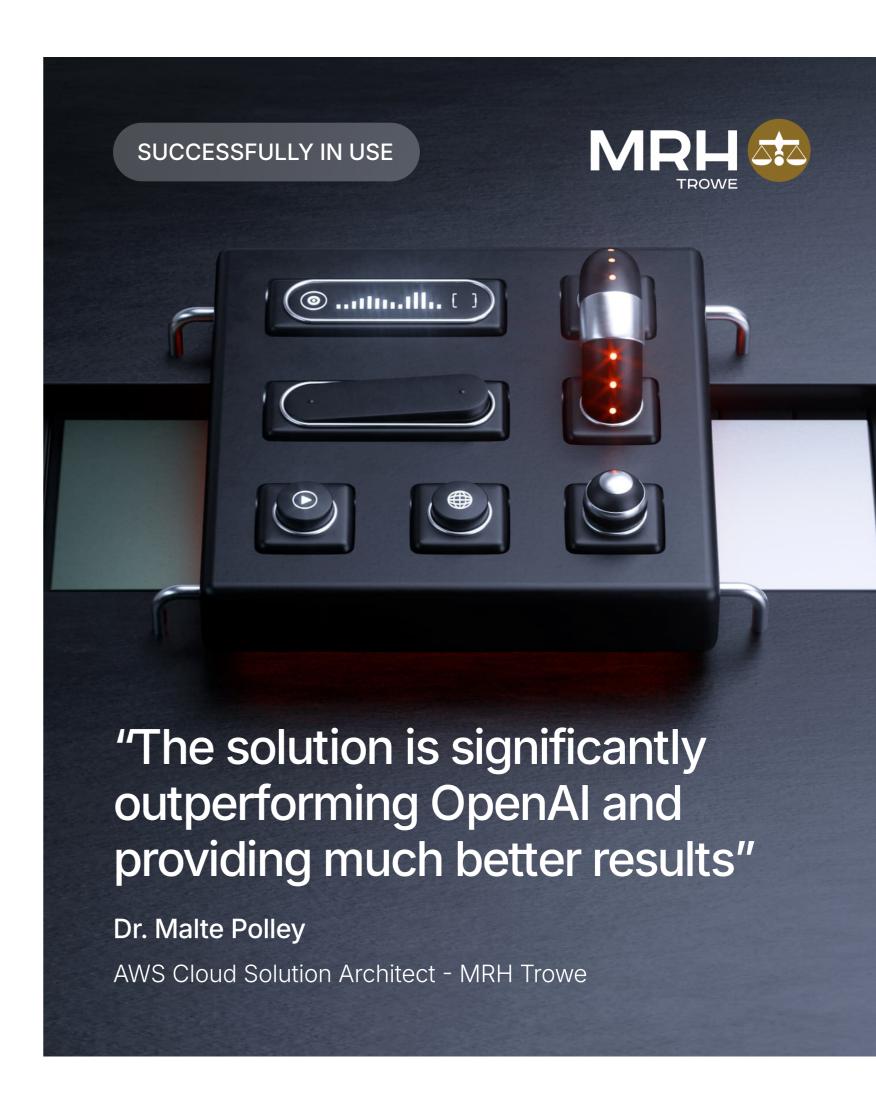
Common Use Cases for IDP:

- Extracting data from documents for use in applications.

- Creating summaries of document contents or combining summaries from multiple documents, including those with images and diagrams.

- Translating document contents quickly.

- Finding key pieces of information within a document or across a document repository.

- Gaining insights from data contained in documents.

- Categorising documents based on their contents.

- Identifying or redacting sensitive information, including Personally Identifiable Information (PII).

- Reviewing, validating, or verifying document content against specific requirements.

Get in touch today!

Ready to learn how IDP can enhance your business? **Schedule a call with Tom** to kickstart your journey.

SUCCESSFULLY IN USE

MRH TROWE

"The solution is significantly outperforming OpenAI and providing much better results"

Dr. Malte Polley

AWS Cloud Solution Architect - MRH Trowe

Using Generative AI to craft an IDP solution

MRH Trowe account managers reviewed complicated and lengthy documents manually, extracting green and yellow fields into an Excel sheet for insurance review. This time-consuming and error-prone process reduces the bandwidth of MRH Trowe account managers, sometimes resulting in a loss of business. MRH Trowe needed an automated document process solution which expedites green and yellow field extraction. Once extracted into an Excel document, the final artifact could be reviewed by MRH Trowe account managers before being sent to the insurance company for final review.

Solution

Creating an automated solution that can pull desired data from multiple documents and list them in a simple to view and send CSV file.

Higher accuracy
The IDP review process increases accuracy over time, producing trusted results.

Supercharged extraction
7 minutes extraction time down from 2.5 hours.

Read the full case study →