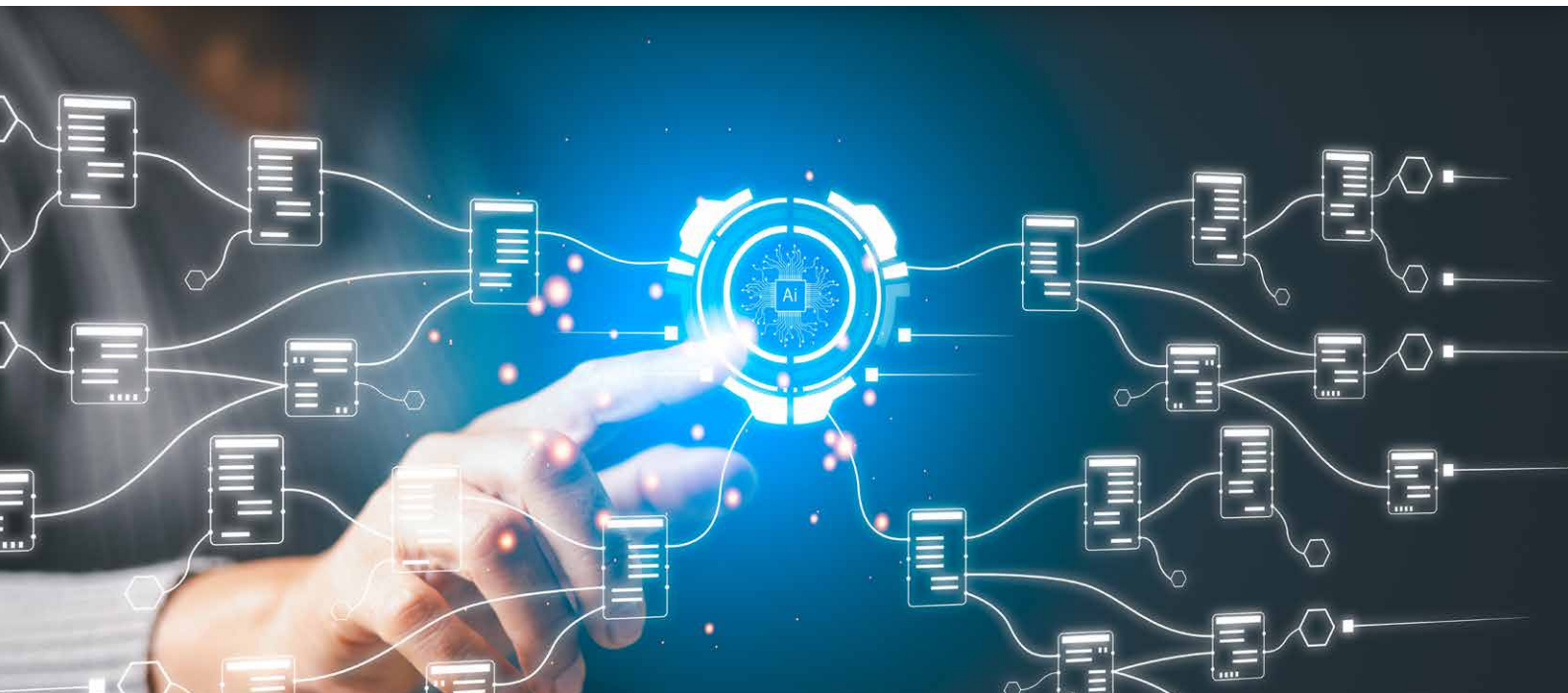




DataDex

*Transforming Documents with AI Precision
into Actionable Data*



Organisations today are swamped by the influx of multiple documents in different formats for automated consumption. This leads to a huge need for manual intervention which is both costly and fraught with errors.

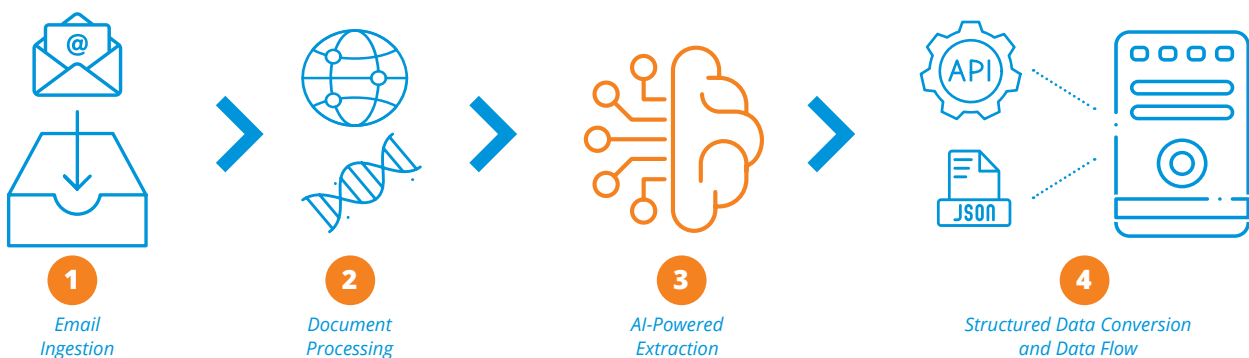
Optical Character Recognition (OCR) has grown as a tool to try and solve this problem but is only useful where there is limited variation in layout and field placements on target documents. This is further exasperated by documents with complex layouts, such as tables, columns, or mixed content, which confuse OCR systems.

DataDex overcomes these limitations by harnessing the power of Artificial Intelligence (AI) allowing advanced techniques and technologies to be combined in solving the problem.

DataDex Solution

DataDex in its essence is an advanced digital automation solution designed to streamline inbound document processing and data extraction. DataDex leverages the powerful natural language processing (NLP) capabilities of Artificial Intelligence (AI), to extract and process data fields from multiple document formats. It then converts this into a structured format for other systems to consume.

In this way DataDex overcomes all the issues around existing technologies and delivers a seamless automated experience.



Key Features and System Components of DataDex

- 1. Email Ingestion:** Monitors a specified mailbox for incoming emails with attachments.
- 2. Document Processing:** Automated extraction of predefined data fields from the email and related attachments.
- 3. AI-Powered Extraction:** Utilising AI to read and interpret the document contents, making sense of both structured and unstructured data.
- 4. Structured Data Conversion and Data Flow:** Converts the extracted text into structured data for seamless integration (using JSON) with other systems to use in or start other predefined processes.

DataDex Benefits

The benefits of DataDex include the following:

- **Accuracy:** The accuracy of the data being extracted is enhanced by understanding the context and structure of documents, improving field identification and extraction.
- **Time-saving:** Teaching OCR different types and formats of documents is very time-consuming, while DataDex can process any document by understanding the context of the values it is looking for.
- **Flexibility:** OCR field extraction needs to be updated each time a field moves. DataDex can find a field based on its context regardless of where it appears on the document.
- **Intelligence:** DataDex interprets the context of a document to extract more information, especially where complex document layouts, such as tables, columns, and mixed content are involved.

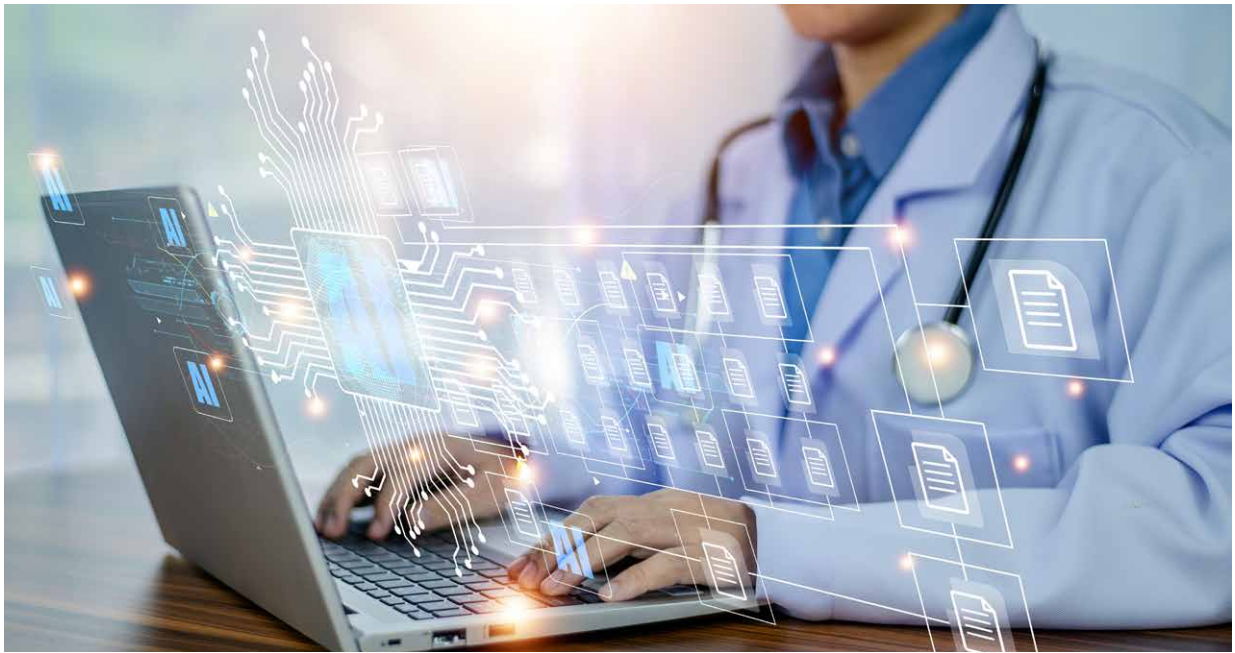


*Increased Productivity,
Enhanced Accuracy,
Core Flexibility,
Peace of mind*



*Reduced Processing Time,
Lower Cost,
Less Errors,
Less Risk*





Future-Ready

DataDex represents a significant step forward in automated document processing by utilising state-of-the-art NLP technology. The system's architecture, security measures, and compliance adherence make it a reliable and secure solution for businesses looking to streamline their data extraction workflows.

DataDex has demonstrated substantial success in the Financial Services industry, showcasing its versatility and effectiveness.

DataDex stands out as a leading solution in the realm of intelligent document automation.

Contact

For more information on how our DataDex Solution can streamline your operations contact us today at info@digital-orchestrators.com.



Digital Orchestrators

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