

The Acodis logo is displayed in a white, lowercase, sans-serif font. The background features a dark blue gradient with large, abstract teal and blue circular shapes. Faint, light blue icons of documents and charts are scattered across the page.

acodis

**NEW** Enterprise IDP Guide

GET ACCURATE,  
HIGH QUALITY DATA,  
AUTOMATICALLY.

Designed to help you determine whether IDP is the right solution for you and your data extraction needs.

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# EXECUTIVE SUMMARY

## **AI-empowered business**

As our dependence on the digital realm increases, the need to cope with changing business processes and harness new technology becomes a reality. The emergence of artificial intelligence, to data extraction processes, has begun empowering businesses with the ability to transform any document into structured data - in seconds.

## **Quick and easy setup for accurate data extraction**

Automating the process of identifying, sorting, and extracting data from documents, regardless of type or language, has made data much easier to analyse. Data that once took companies days or months to access can now be processed in mere seconds through IDP.

## **Introducing Intelligent Document Processing (IDP)**

In the following pages, we will expose you to what IDP is and include a thorough explanation of what value it can bring your organization.

## **Industry-specific use cases**

We will share use case examples of industries already using IDP and help you spot red flags to safeguard yourself from trouble when shopping for an IDP provider. Finally, we will share insights to maximise efficiency when using IDP and expand on the difference between Optical Character Recognition (OCR) and Intelligent Document Processing (IDP).



# WHAT IS IDP

## IDP and Machine Learning

- 💡 **IDP** is a solution that transforms unstructured data from your documents into usable information and automates business processes by contextualising the document, understanding the data, extracting it, and sending it to the right place. The best IDP systems process data from any document in any language.
- 💡 **Machine learning (ML)** is a subset of Artificial Intelligence (AI) that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. Machine learning algorithms use historical data as input to predict new output values.

### **You don't need to be a data scientist**

If you had to think on the spot about what exactly Intelligent Document Processing (IDP) means, what would be going through your mind? We can see that it's something intelligent, and correlates to the processing of documents. You don't have to be a data scientist to figure this out – but what is it and why does it exist?

### **Seamless IT integration**

Almost every business process starts, contains or ends with a document full of valuable data. IDP classifies these documents (e.g. invoiced to accounting and pricing updates to supply chain), then extract data and feeds it seamlessly into existing IT systems.

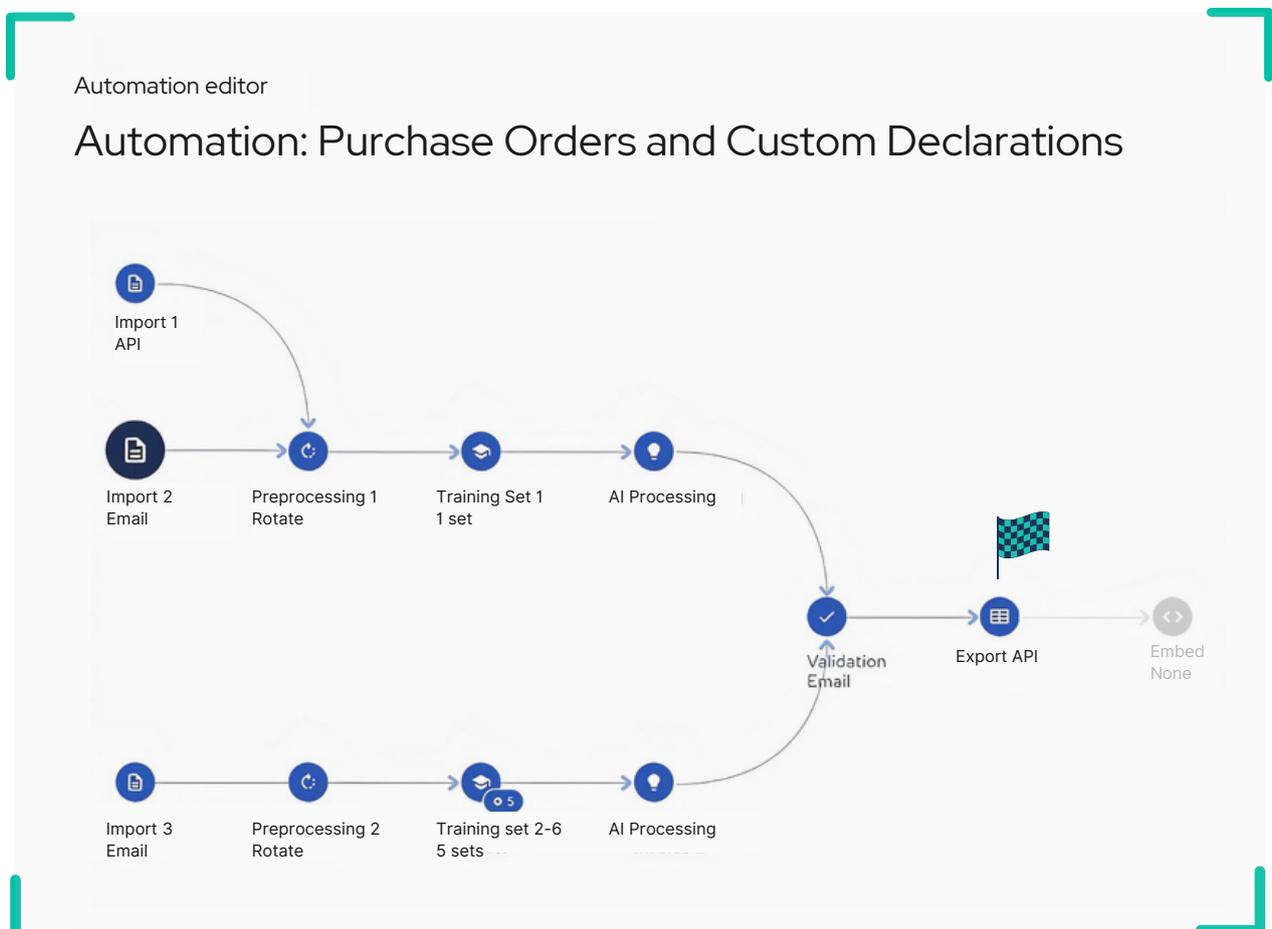


# AUTOMATED AND MADE FOR HUMANS



We could talk all day about how IDP works, but not everybody learns best by reading novel after novel.

**Here's a preview of Acodis IDP process:**



Psst, Acodis has FREE on-demand demo videos to show you how it looks in action (no sign-up needed).

**Watch Free  
On-Demand Demo**

# SIGNIFICANT COST SAVINGS WITH IDP

## Improve process efficiency

At the end of the day, the big value is time saved to process documents and secondly the ability to access previously looked data. We all know that manually extracting data has been proven tiresome, and quite frankly, costs a lot in terms of capital and time.

## Case: Allianz Suisse - 1.5 FTE/year

As an example Allianz Swiss is saving about 1'500 hours or 1.5 FTEs per year after implementing IDP in one of their processes.

Just imagine if you implement IDP in a multitude of processes.

## When is IDP an effective solution?

- Struggle with document heavy processes
- Need to streamline tasks integrate existing the IT environment
- Save capital and time

## Five Advantages of IDP

- 1.Speed
- 2.Accuracy
- 3.Cost efficiency
- 4.Easier to retrieve documents
- 5.Increases team productivity



# OCR vs ACODIS IDP



## Optical Character Recognition (OCR)

Optical character recognition converts image-based documents into text-based documents.

## IDP Understands Like a Human

IDP is not just a better OCR but something new. IDP is an AI-powered self-learning system that can process and understand unstructured data from documents, just like humans do—allowing you to automate all your document processing tasks at scale.

## Flawed OCR

OCR is not trained to recognise the context, structure and semantics (e.g. year) of a document. For instance, OCR can tell us that certain pixels are the numbers 1 9 8 0 – but it does not understand that it's a year and part of your Date of Birth.

## How IDP Differs

IDP does understand that 1 9 8 0 is a date of birth. And IDP's value is processing documents automatically by transforming unstructured data into a machine-readable form.

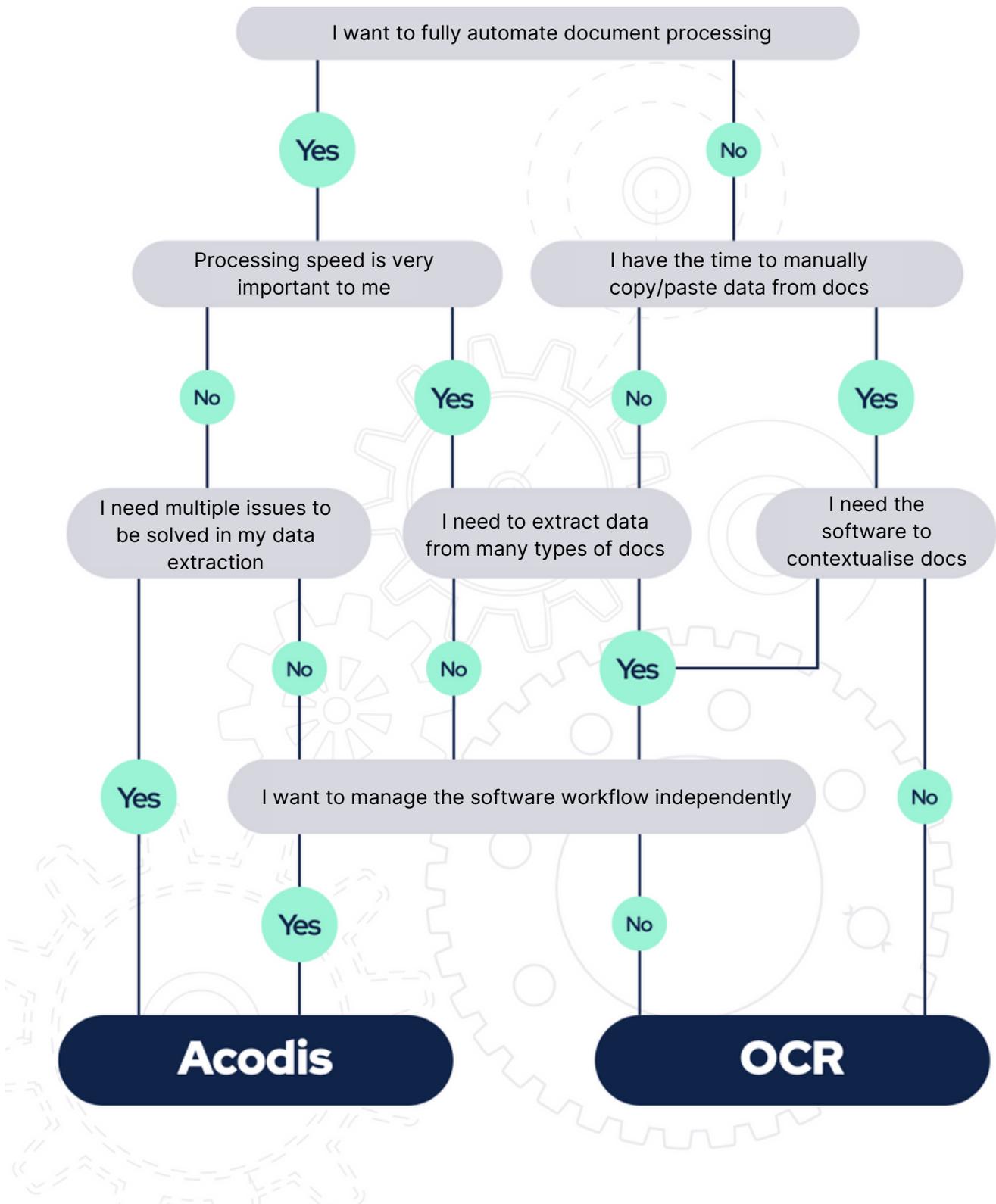
## Feature Comparison: OCR and IDP

| FEATURES                            | OCR<br>OPTICAL CHARACTER<br>RECOGNITION | IDP<br>POWERED BY ACODIS |
|-------------------------------------|---|--------------------------|
| High speed in processing data       | ✓                                       | ✓                        |
| Can handle unstructured data        | ✗                                       | ✓                        |
| Fully automates document processing | ✗                                       | ✓                        |
| Understands data like a human       | ✗                                       | ✓                        |
| Self-learning system                | ✗                                       | ✓                        |

# WHAT DO YOU NEED?



**You know your document data extraction goals best**, utilise this flowchart to get a better understanding of what type of software could be right for you.



# INDUSTRY PRESENCE

## When Is IDP Being Used?

### Process large document amounts

The biggest challenge faced by businesses today is managing large volumes of data – whether digitised or not – in an efficient and cost-saving way. With data coming from various formats and sources, the human workforce is burdened now more than ever with handling such large volumes of information without any space for errors.

### Multiple document types

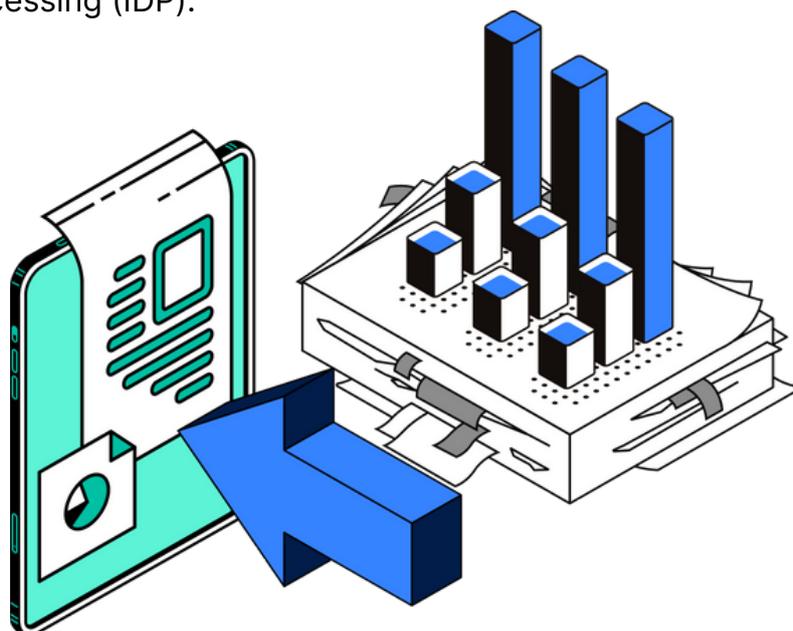
Many companies turn to technologies built to handle large varieties and quantities of data with ease and accuracy – helping them avoid grim outcomes such as “Fat Finger”. This is where we introduce Intelligent Document Processing (IDP).

## Industry-specific use cases

Countless industries benefit from harnessing Intelligent Document Processing, including:

- Banking and finance
- Healthcare and pharma
- Logistics
- Public Sector

Let's discuss them in more detail on the following page.





## Banking and Finance

### Financial document processing

A large portion of the financial industry is devoted to writing and reading financial documents. It's often the case that clients need documents and data processed swiftly, with zero errors.

### Highest data accuracy for banks

IDP provides a solution that guarantees reliability, efficiency, and accuracy for both the bank and its clients.



### Key Data Extraction Features

- Capture and understand words/numbers intelligently, as a human would – such as contextualising insurance policy numbers, client addresses, etc.
- IDP is also often used to advance fraud detection and monitoring the authenticity of transactions.

### Top Three IDP Use Cases (Banking)

1. Processing generic bank forms
2. Mortgage document processing
3. Credit application processing

### Case Study

A major Swiss bank transformed its processes with Acodis

[Read More Here](#)

## Healthcare

Sustaining patient health records is essential in the healthcare industry. Physical files and unstructured paper formats can get misplaced even with the most sophisticated filing systems.

### **On-Demand Data Access**

Seamless and on-demand access to patient data is critical because it can be needed at any given moment and that's exactly what IDP provides.

### **Four Benefits of IDP in Healthcare**

1. Efficient compilation and management of patient history
2. Secure and easy access to patient data
3. Inclusion and preservation of old undigitised research data
4. Swift analyses because of swift data compilation



### **Case Study**

A top Swiss pharma player transformed its processes with IDP.

**Time savings: 3 FTE p.a.**  
([Review on G2](#))

[Read More Here](#)

### **Typical IDP Healthcare Impact**

80%

Reduction in manual work

70%

Reduction in process handling

65%

Increase in productivity

45%

Decrease in operational cost

## Logistics

### Gain Competitive Edge

Logistics is one of the most competitive playgrounds and IDP helps companies to gain a competitive edge by quickly improving document-heavy processes.

### Self-Learning System Powered by AI

Document layouts constantly change and the best IDP systems allow you to make changes with just a few clicks. Powerful AI models apply such learning across all your processes within seconds.

### IDP User Feedback: Rhenus Logistics

"We were able to free our staff from monotonous, repetitive, and un motivating manual data entry so that they can devote themselves to higher-value and more important tasks in their core competencee."

*Alexander Quercher, Business Process Developer, Rhenus Logistics*



### Top Three Document Types (Logistics)

1. Invoices
2. Delivery notes
3. Bill of ladings

### Case Study

Wärtsilä applies IDP to strengthen customer relations by automating quotation requests and purchase orders.

[Read How Here](#)

## Document Compliance

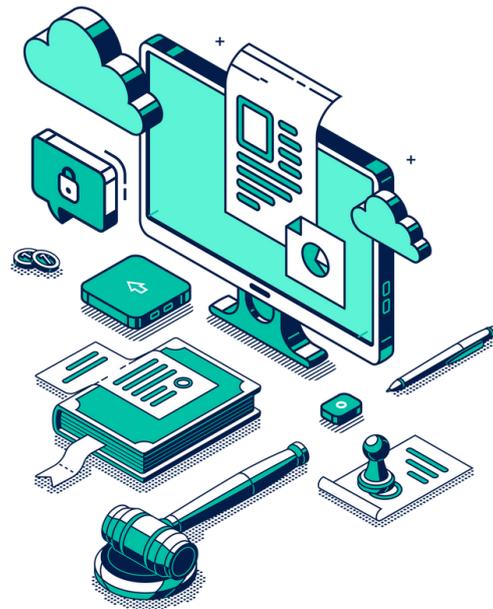
Public administrations cope with extensive archiving and auditing documents, mergers, and acquisition-related files and comply with strict regulations.

## IDP for Public Administration Documents

Most of these tasks involve documentation in various formats that are usually unstructured. Therefore, maintaining a system that can manage all the time-intensive and sensitive information is fundamental.

## Four Benefits of Automated Document Processing

1. Quickly access golden pieces of information while working on a case.
2. Find and remove discrepancies or errors they once missed when handling the client's paperwork.
3. Easily search for and find past cases and court decrees
4. Digitise and preserve historical publications



## Case Study

Learn how IDP helped the State Chancellery of St. Gallen preserves and digitises historical publications dating back to 1941.

[Read More Here](#)

# THE FUTURE OF WORK WITH IDP

## Current Data Extraction Challenge

Today the challenge is *how* to extract data from documents to enable evidence-based decision making.

## Future Requirements and Capabilities

In the future, the key challenge is: how quickly and easily you and your team can improve and adapt data extraction models.

## No-Code Platforms

Think of no-code platforms that empower business users (semitechnical or nontechnical users) to be able to use and make changes as and when required.

## 💡 MIT Study Insight:

"A 2020 MIT study suggested that a mere 25% of enterprises fully utilise data. And in doing so, make decisions that have significantly higher returns than those who don't."

(Source: MIT, 2020).



## How Will Data Extraction Change Work

### Impact on People

Future employees will no longer manually copy/paste data from documents into systems. They will collaborate with smart assistants to continuously improve document-related processes.

### Impact on Processing Time

Processing times will significantly drop as IDP will allow companies to process any content in no time. Large savings also happen due to the massive reduction in data entry errors.

### Impact on Business Data

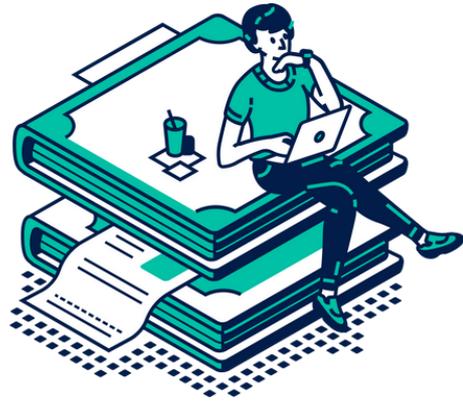
AI will transform the way you run and manage your business processes. Those who invest in AI will gain a competitive edge regarding processing time and data accuracy in real-time.

## Impact on Your Team

### Data Entry Clerks Become Teachers

Roles, such as data clerks, would ultimately be transformed into "machine teachers", ensuring smooth operations across an IDP platform.

They would be able to monitor the flow of data, teaching the software to become even more intelligent - being able to add more value to executing, and steering, the way data is processed.



### IBM Study: Data Analysts Spend 80% of Their Time Collecting Data

Data analysts only spent 20% of their time analysing data. The majority of their time was spent collecting and cleaning up data from various sources. (Source: IBM, 2017)



## How You Will Work With Documents

### Example: Contracts

Layouts, lengths, structures, and contexts of contracts will continuously change. And the content might be slightly different in each version. With IDP you will always have the full picture and understand contract insights across your entire organisation.

### Intelligent Document Processing

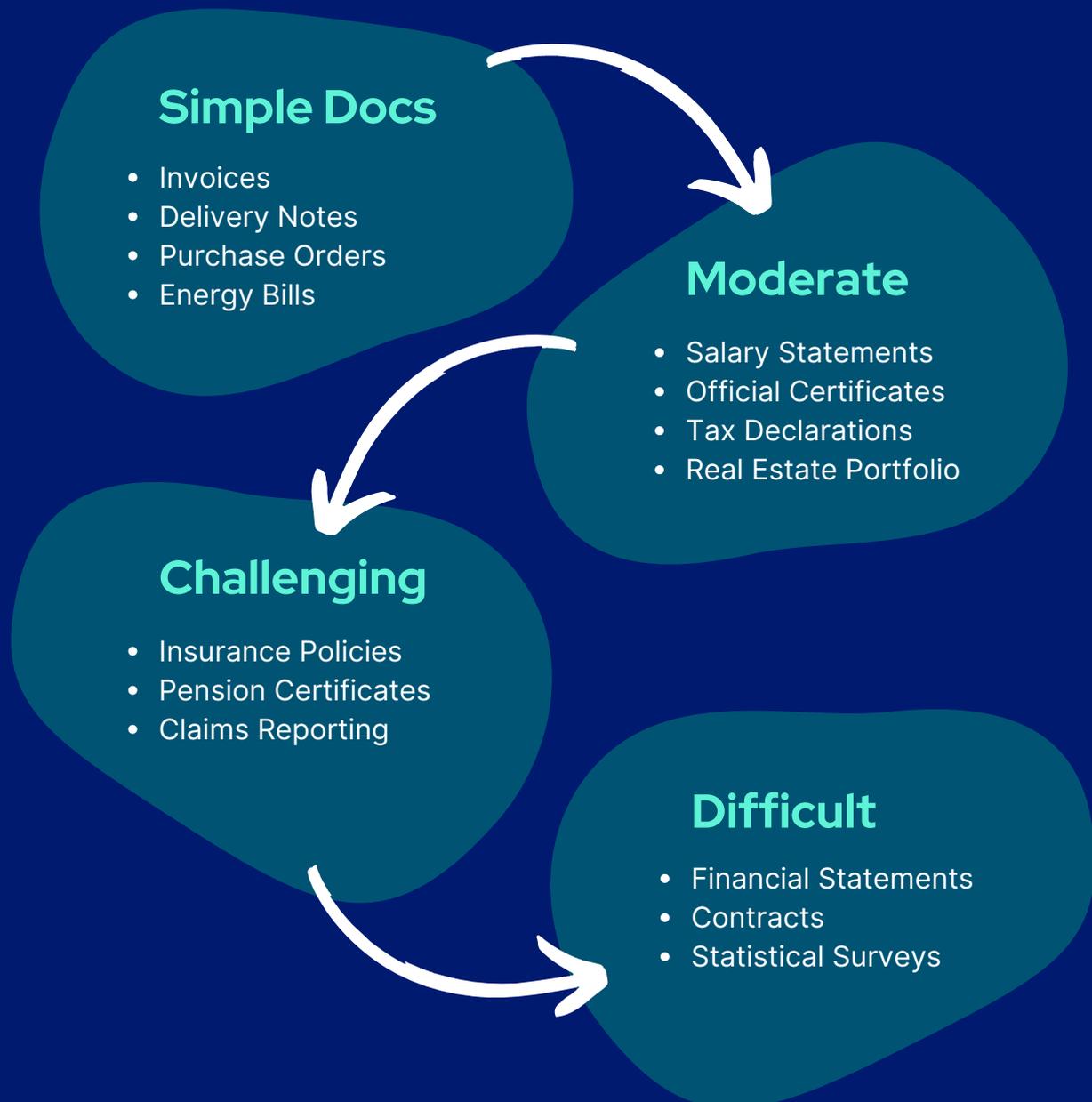
The future of IDP enables businesses to evolve past the stress related to processing documents.

Even if document semantics change, IDP is intelligent enough to learn and continue, without needing constant support from a team of data scientists.

## Fully Scalable For All Document Types

### Document Complexity

Like learning different languages, processing various document types can be measured by how complex they are defined as.



## The Sky is The Limit

With IDP, you can process any of these document types - regardless of how complex they are to manually process.

# HOW TO GET STARTED WITH IDP

## Implement Enterprise IDP

- Enterprise projects are typically a success if you focus on solving one process first by selling it internally as a test
- Important: build your test on a scalable IDP platform with extensive enterprise experience (because enterprise requirements are very different from SMBs)
- Request extensive demos from suppliers and check their reviews on platforms like [G2](#)
- Run your test with a supplier you trust and has the right resources to achieve quick results and help you navigate the journey to convince your internal stakeholders



## Three Things to Seek in Enterprise IDP Platforms

1. Ability to process any kind of content
2. Easy-to-use platform for your tech and business users
3. Integrations into your existing IT landscape

# CONCLUSION

Ultimately, the future of data extraction from documents is one of automation.

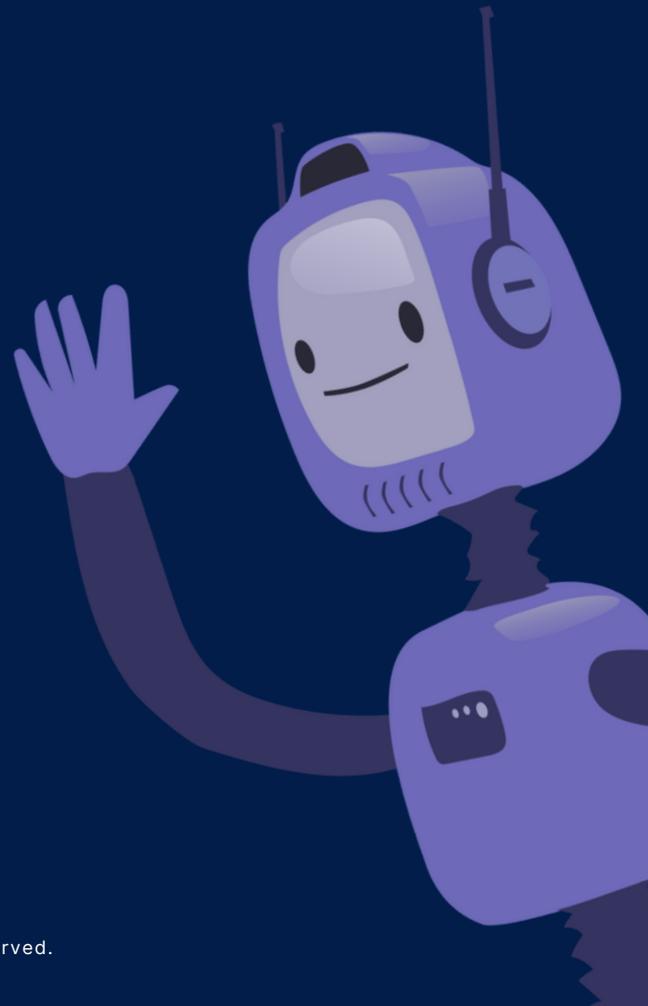
Companies that hesitate to adopt Intelligent Document Processing fear the complexity and time the process of transforming all their unstructured data into structured data may entail; however, integrating IDP is seamless, and businesses typically begin seeing a return on their investment within one year.

## Intelligent document processing is allowing businesses to:

- Streamline data entry processes, thereby minimising costs and increasing productivity
- Easily access valuable data that empowers analysts with the information necessary to make sound suggestions that lead to quicker and better business decisions
- Empower workforce to focus on big picture tasks and improve workforce morale

Get to know the  
Acodis IDP Platform

[Watch Free Demo](#)





# ABOUT ACODIS

## Pioneers in IDP

Acodis has been pioneering document data extraction since its founding in 2016. As every business process starts, finishes, or involves documents, Acodis can classify, extract, and automate them within seconds.

## Self-Learning and Made for Humans

The document automation tool is diverse enough to meet all of your data requirements: whether you need a reliable PDF data extractor or an automated data entry program. Powered by machine learning, the AI data extraction process continuously evolves when you feed more data to it, meaning that it does all of the hard work for you.

## Any Document, Any Language

Acodis can process any document type from any language and will seamlessly integrate with your systems. You can easily export your data from Acodis via API to feed and enhance your ERP, CRM, or RPA system of choice.





# acodis

Turn Any Document Into Structured Data - in Seconds