

Microsoft
Partner

Intelligent Document Processing Solution

Improve accuracy of information while significantly reducing costs

This Intelligent document processing solution uses artificial intelligence to automate the task of extracting data from documents. This includes simple tasks such as sorting and filing documents to more complex tasks such as extracting data for financial reporting or contract analysis.



XEN.AI INTELLIGENT DOCUMENT PROCESSING

In any organization, business documents capture the essence of business transactions. Invoices, receipts, contracts, emails, and meeting minutes, are some examples of such documents. The information and data contained within these documents are essential for the smooth functioning of the organization,

- Data from a delivery receipt is needed to update the goods receipt & accounts payable in the ERP system
- The terms and conditions in a contract are needed during negotiations
- Documents such as license, passport are needed in the bank's customer master for KYC compliance

The process of extracting data from any business document (digital or paper) is often a manual task. A team of data entry operators is employed, whose sole job is to extract relevant data from a business document and enter its content into the organization's database for use by the downstream processes.

The manual task of data extraction is laborious, time-consuming, and error-prone, especially as fatigue sets in due to the repetitive nature of the task. The consequences are data corruption, errors in subsequent transactions such as payment to the vendor, and, in extreme cases, compliance errors with consequences ranging from fines to loss of business reputation.

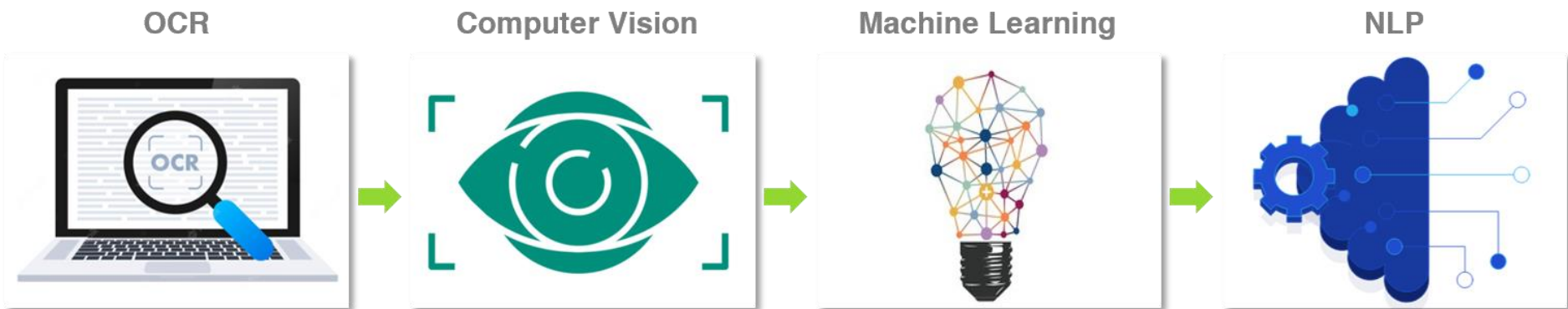
Organizations can benefit in many areas. These benefits can include:

- Improved workflow
- Prevention or reduction in human error
- Improved accessibility
- Reduced operational costs
- Improved security
- Trend Analysis

USES

The Xen.AI solution IDP is a managed service that utilizes Software as a service (SaaS) is on-demand software hosted on a cloud service provider. The subscription-based solution uses software licenses that organizations pay for on a monthly basis. So lower implementation cost, increased scalability, accessibility and very secure.

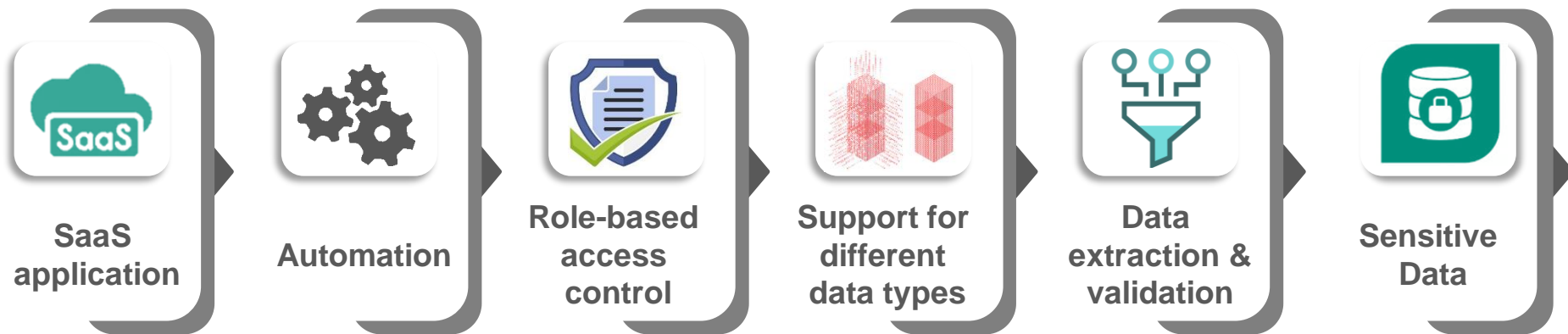
- OCR is used to convert images of text into machine-readable forms.
- Computer Vision is used to derive meaningful information and understanding from videos and digital images, it works to understand a document's structure.
- Machine Learning is used to learn from data to identify patterns and make decisions with minimal human intervention.
- Natural language processing (NLP) is used to interpret, manipulate, and comprehend human language that is presented.



Utilizing these tools, we can Ingest Data and Preprocess, Classify Documents into different categories. We can then Extract data from various content and Validate the data against internal/external data.

FEAUTURES

- SaaS application that can be hosted on a public or private cloud.
- In-built automation to process documents from source to destination.
- Role-based user access to ensure the right people have the right access to the documents.
- Ability to handle structured, semi structured, and unstructured data.
- Human-in-the loop model to enable users to provide feedback on the tasks performed by the application, for example, to validate the extracted data.
- Ability to detect and redact sensitive data such as PII.
- Document classification in order to categorize documents according to user-specified label.
- Powerful search functionality to search through a repository of processed documents.
- Alert mechanism to raise alerts at pre-specified events.
- Support for integration to downstream systems.
- Customizable dashboard providing wide ranging analytical and machine learning based insights in real time.



SOLUTION

The business need is to quickly extract the data locked within the documents and make it available for further processing in the downstream processes.

Xen.AI Intelligent Document Processing automates and simplifies the task of extracting data from business documents significantly reducing the processing time, minimizing the need for manual intervention, and allowing the freed up worker to focus on higher value tasks. This results in direct cost savings, a better understanding of the enterprise data, and a rapid ROI with increasing volume of data being processed through Xen.AI's document processing service.

Xen.AI

ABOUT XEN.AI

The organization was formed and their passion for developing AI solutions for process improvement in business began. Today, as the leader in AI SaaS solution development, Xen.AI closes the development gap between what organizations need to optimize and how they can realize ROI. Xen.AI blends the expertise of engineers and data scientists with process discovery, continuous assessment, and process enhancement to find and close gaps in the ever-evolving AI based digital transformation in every industry. This approach enables organizations to transform their business while staying ahead of the competition.

Today, our mission is to offer fully managed AI SaaS solutions to Small and Midsize Business (SMBs) in Banking, Financial Services and Insurance (BFSI), Healthcare and Industrial sectors.

To know more Visit [Xen.AI](#)

Email: support@xen.ai

United States, 1201 North Market Street,
Suite 111, Wilmington, Delaware 19801.

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