Intelligent Document Processing Platform

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Intelligent Document Processing Platform – An Ideal Solution for the Business challenges faced with Insurance Claims and Accounts Payable Processing

Challenges

- Manual processing of Insurance claims and Accounts payable documents like Claim forms, Purchase orders etc.
- Reduced accuracy of processing documents due to its manual nature.
- The manual processing of documents also leads to increased time consumption.
- Additional cost incurred due to increased time consumption, time spent on review efforts for ensuring better accuracy etc.
- Reduced efficiency and productivity.

Why adopt IDP solution

- Automatic processing of complex digital, scanned or handwritten Insurance claims and Accounts payable documents.
- Improves accuracy of processing documents by as much as **70-80%** due to automation.
- Reduces processing time by **25-50%**.
- Saves overall cost by over **30%** by faster processing, improved accuracy and leveraging Azure's data and AI services.
- The solution leverages **Microsoft Azure's AI & Data services** for classification of documents and extraction of data.

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Hexaware's IDP solution saves time and cost for you

Manual Processing

Manual processing

- Documents manually classified, categorized and verified for accuracy

Data Entry

- Data from each documents are manually entered into systems like ERP etc.

Review

- Data entered must be quality checked and reviewed before it can be integrated with downline systems.

Total cost and time

- The total cost and time incurred for processing is high.

IDP Processing

Auto classification of documents

- Auto Classification of documents into specific categories like claims, forms etc. using supervised machine learning

Auto Extraction of data

- Data entered must be quality checked and reviewed before it can be integrated with downline systems.

Data integration with downstream systems

- Once the data is extracted, it can be integrated with downstream systems like ERP applications, databases and other applications with minimal review

Total cost and time saved

- Time and cost is saved by adopting the IDP solution

% time saved per document - 40%
% cost saved per document - 30%

% time saved per document - 50%
% cost saved per document - 30%

% time saved per document - 60%
% cost saved per document - 60%

Overall % time saved - 50%
Overall % cost saved - 40%

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Overview

AI Powered Document Classification & Extraction

Intelligent document processing solution is Hexaware's offering to auto classify documents and extract contents from complex documents. The extracted structured data can be integrated with business applications in the enterprise

Features

- Ingest documents- pdf, images, MS word, email
- Using supervised machine learning to auto classify documents as Invoices, forms, claims etc.
- Optical character recognition (OCR) and extraction of data from complex documents – scanned, handwritten, digital
- Review & Validation of the extracted data
- Integration of the extracted data with downline applications and databases via REST API and export structured data such as json, excel

Use Cases

- **Finance:** Accounts Payable – process scanned invoices and integrate with ERP system
- **Finance:** download scanned purchase orders and integrate with SAP system
- **Insurance** – claims processing

Modules

- **Operator:** used by **Operator** to upload document, and view classified & extract document content and export
- **Training:** used by admin to train various classes / categories of documents and build classification model for all classes and content extraction model per class / category

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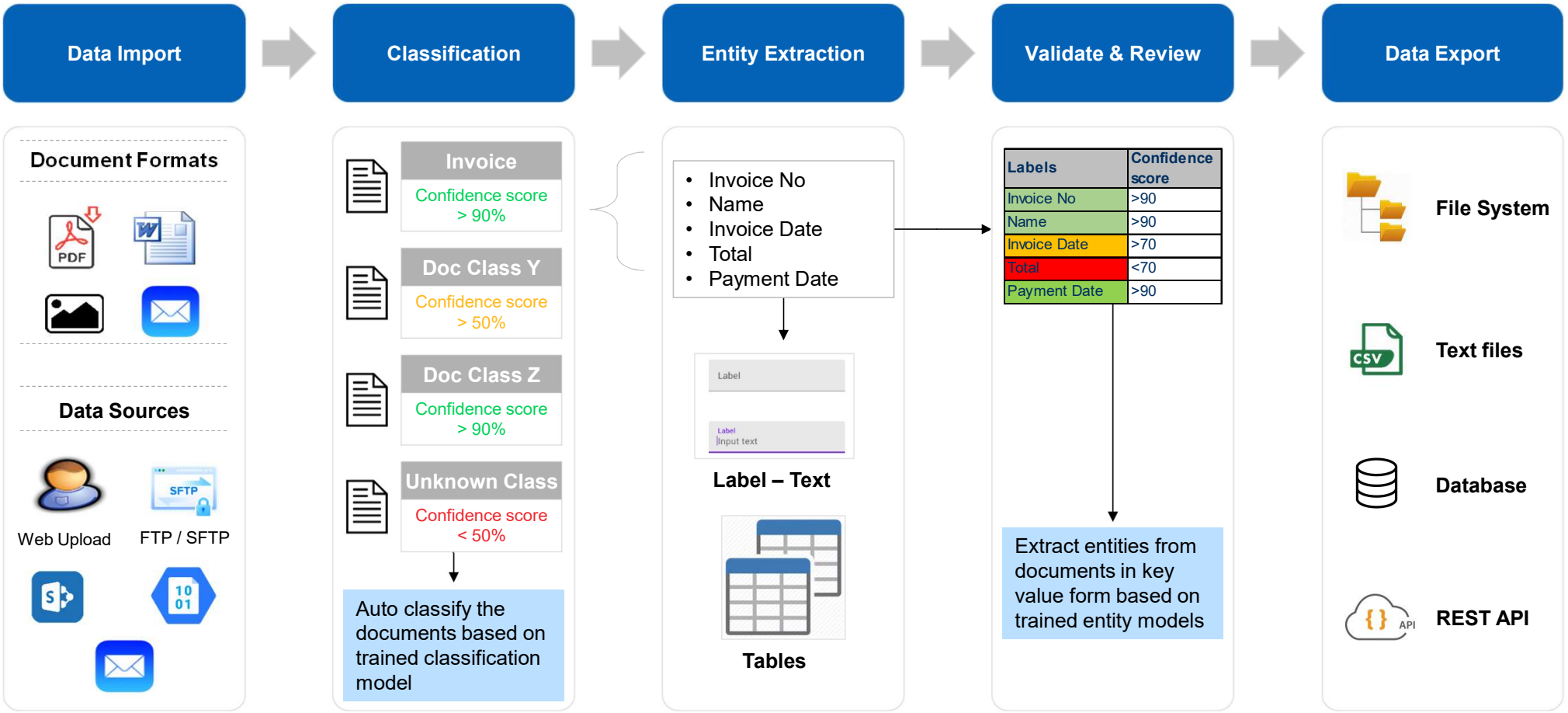
Automated Classification & Entity Extraction Process



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