Digilytics^{TM} Oculyse

See Like Human

An Intelligent Data Capture Platform Module from Digilytics^{TM}

Over the years, digitisation of paper documents has led to the growth of image data in volume, velocity and variety. Organisations have been trying to generate insights from these data to improve the business processes and add value to the business. Nevertheless, almost every organisation is struggling to ingest and capture relevant data from the images due to high complexity and lack of tools to automate these processes. It is time consuming, and inefficient in most of the cases, and requires significant level of manual processing. It gets more difficult while handling non-standard or unstructured documents.

Creating value from the image data has become a time consuming and ineffective process leading to poor data quality and lack of insights

An Intelligent Data Capture platform needs to handle a diverse input and technical paramenters, and expectations of every client demands customisation, which needs to be implemented with quicker turn-around time

Salient features of an Intelligent Data Capture

- Data capture and input from multiple sources

- Data extraction capbilities for multiple languages

- Integration into existing business process management systems

- Document classification using NLP and text analytics

- Intelligent automation and decision making

- Secure and reliable system that protects interests of multiple parties

- Document storage capabilities

- Best in class user experience

Platform Module

Digilytics^{TM} Oculyse is a platform module for processing, managing and generating insights from e-documents; it's an AI extension to Electronic Document Management Systems (EDMs) – that enhances business process by adding intelligence and improves process efficiency by providing access to AI enabled analytics and automation capabilities. Oculyse, is an integrated IDC tool which can handle different levels of integration, types of data and highly complex processes.

Oculyse™ Features:

Intuitive and Efficient User Experience

Can facilitate concurrent document viewing across multiple documents. Eg: signature comparisons, select & share options directly from cases, drag & drop feature to support page(s) movements across documents & ability to verify documents.

Data Validation

Checks if the information added is valid and consistent with host systems such as vendor/client names, product details, passport, bank statement & pay slips.

Configurable Indexed Classification

Easily configurable file storage templates catering to applications across various industries like Banking, Mortgage, Insurance, Legal etc.

Annotation

Enabling annotations, markers and highlight on the pages of a document. Annotated data further fed for contextual data extraction.

AI based recognition & ML based classification

Artificial Intelligence combined with Optical character recognition technique is utilized to recognize text on individual pages to identify the content. Machine Learning technology is used to auto classify pages into relevant documents as per a pre defined file order.

Centralized Repository

Allows complete control, audit compliance & provides a single source of truth for all documents produced or received across organisation. Document versioning & duplication can be managed easily across the module.

Smart Checkist

Automated checklists and workflows to assist users for mandatory checks.

Configurable Role Based Access

Provides an additional layer of configurability in defining roles and access to documents with proper audit control mechanisms for shared and simultaneous access to sensitive data.

Data Extraction & Indexing

Seamless and quick data extraction and auto population from documents, emails and other sources. Eg : When a "Account Number" field is added, it, autofills other relevant fields – such as payment details, address etc.
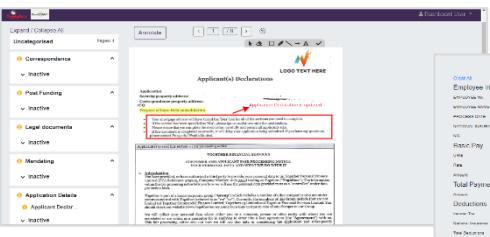
Integration with transactional systems

Expands the possibilities & improves the customer experience by having the ability to seamlessly integrate with not only document mailing and archiving solutions but also with transactional systems.

Document Comparison

Simultaneous view and comparison of multiple documents and duplicate versions of the same document to look for any ambiguity or anomaly in the data.
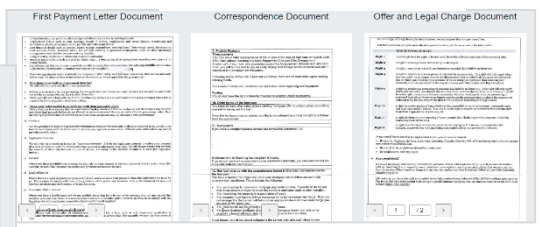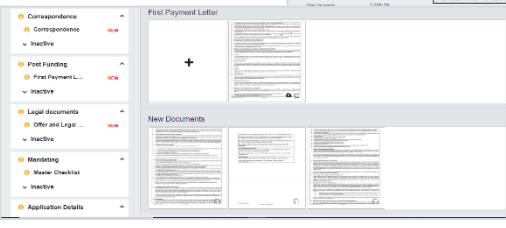

Annotation
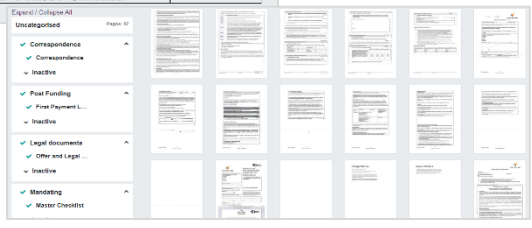
Data Extraction View

Document Comparison View

New Document Alert

Smart Checklist

Benefits

Enhance Customer Experience

Better broker and colleague experience with fast, efficient, and transparent loan origination.Minimizes human interaction that can lead to errors.

Fast Time to Offer

By implementing Oculyse platform module, lenders see a fast time to offer by reducing human error and no loss or searching of files. Automates the entire mortgage origination process and lenders are quickly able to reap the cost saving benefits.

Ease accessibility

Improves accessibility of documents amongst employees, especially in remote locations. Increases scalability to handle customers data keeping expenses low.

Reduce Processing Time and Paper Handling

Enables the mortgage industry to automate redundant and manual processes

Improve Accuracy Rates

Using OCR and Machine Learning technology to extract and classify data and information, our platform module delivers high accuracy and reduces error rate significantly compared to manual paper-based process

"A leading UK bank implemented Oculyse solution with the objective to bring new level of automation inside existing mortgage loan origination process. The scanned loan documents were shared from customers and brokers, which were then processed thorough Oculyse to read, classify and store the relevant information from these e-documents and make it accessible for the case preparation team. The customers' details from the loan applications were validated and verified from the information captured using Oculyse and most of the manual verification processes were automated to reduce the processing time. In addition, various parameters were passed onto the machine learning intelligence of Oculyse to categorise the risks involved with a mortgage. The mortgages were classified as either "low risk" mortgages for fast tracking the approval process or "medium risk" mortgages for getting approval and "high risk" mortgages for investigating in detail, thereby saving valuable time in the loan origination processing cycle which improved the throughput by ~36% and saved cost in millions"

About Digilytics AI

At Digilytics™, we aim to drive business value leveraging our platform. In an ever-crowded world of clever technology solutions looking for a problem to solve, our solutions start with a keen understanding of what creates and what destroys value in your business. Founded in 2014, by Arindom Basu, the leadership of Digilytics™ is deeply rooted in leveraging disruptive technology to drive profitable business growth. With over 50 years of combined experience in technology-enabled change, the Digilytics™ leadership is focused on building a values-first firm that will stand the test of time. The leadership strongly believes in the ethos of enabling intelligence across the organization. DigiliyticsTM is headquartered in London, with presence across India. All rights reserved. Other company and product names may be trademarks or copyrights of their respective owners. © 2019 Digilytics AI