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INTRODUCTION

Over two-thirds of documents in loan and mortgage operations are unstructured. **Some operations are still human resource intensive** and face challenges related to volume fluctuations:

- Reduced volumes lead to unit cost increases and friction due to redundancies
- Increase in volume results in loss of revenue due to delay in scaling up, step increase in costs

Many others have adopted software systems that have not kept up with rapid advancements in artificial intelligence. This is what we often hear from them:

"We have no control over input files, which may have separate documents or all-in-one."

"Every document has a different format, so we cannot use any template."

"We are not able to process scanned documents."

"We need to manually reconcile the extracted data with our database."

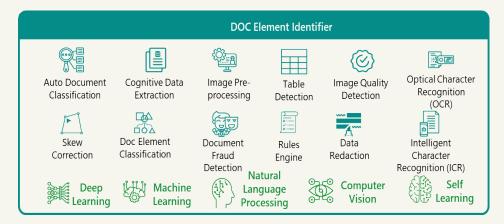
IntainAl addresses all these challenges with Al-enabled document classification, data extraction and validation, with an integrated workflow.

With IntainAI, document processing costs in Due Diligence, Valuation and Servicing, can be reduced by up to 90%. From segregating large files into separate document types, classifying those, extracting required data, doing compliance checks, and verifying against another data source, everything is automated by IntainAI.

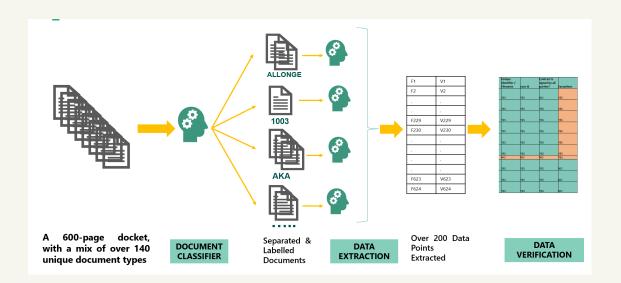
90%	30-50%	VERSATILE
Reduction	Reduction in Review Effort	File Format (PDF, Image, Scans)
in Processing Effort		Template Agnostic (Originator, State)
		Asset Class (Mortgage, SMB, Auto etc.

FEATURES

IntainAl uses *Doc Element Identifier* (DEI), a patent-pending, proprietary software that combines multiple modules which are essentially to be able to understand unstructured and semi-structured documents.



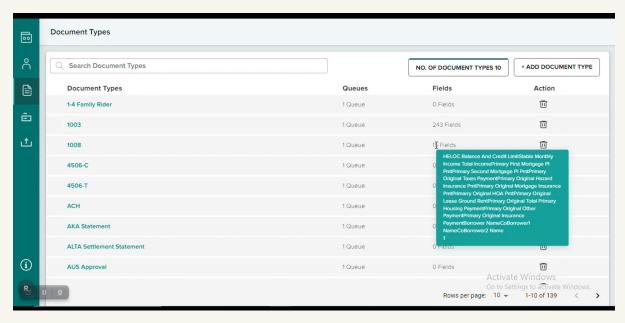
Let us understand the features of IntainAI with an illustrative example. A 600 page mortgage file, comprising of more than 140 document types is uploaded to IntainAI.



1. CLASSIFICATION

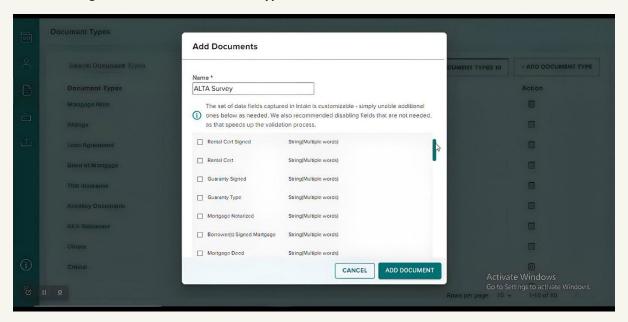


A large file is separated into different document types and each document is classified automatically.



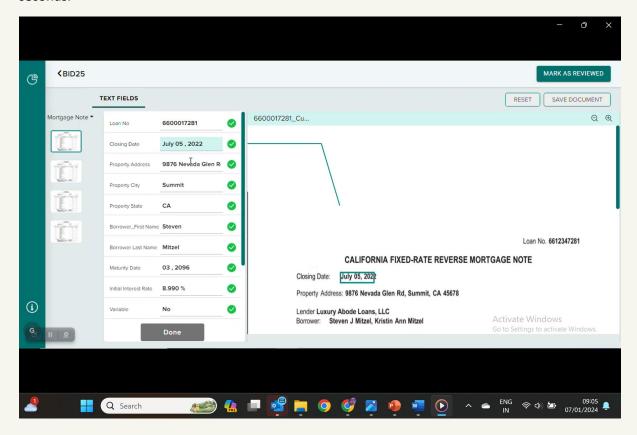
IntainAl is trained to classify more than 140 types of documents in a mortgage file.

It is also designed to add new document types with ease.

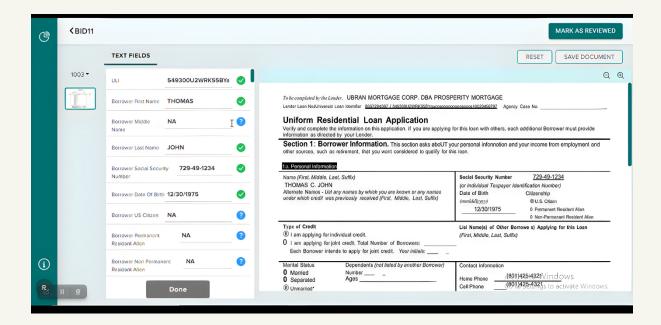


2. DATA EXTRACTION

Required data across document types is extracted. You can decide what data you want from each document and configure IntainAI accordingly. And as part of our collaborative intelligence framework, the software assists you in reviewing the extracted data, without having to scan through the whole document – so it is pressing 'tab' a few times and you can finish the review in seconds.



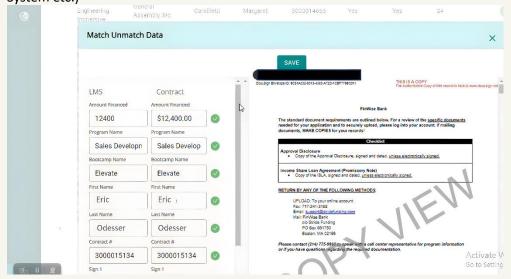
But, given our background in financial services, we know that proper controls are still needed. Hence, at each step, viz. classification, extraction, and verification, IntainAl also assists the reviewer in reviewing its own work. This leads to 100% automation of processing and 30-50% more efficiency in review. That is why we call it *Collaborative Intelligence*.

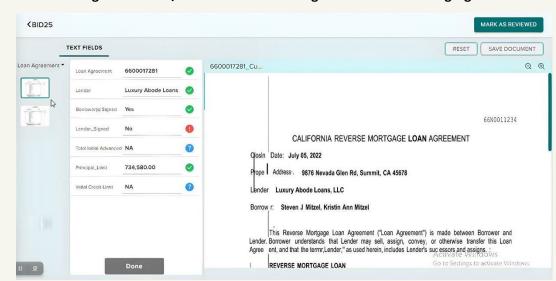


3. DATA VERIFICATION AND COMPLIANCE CHECKS

Next step is verification and compliance checks.

1. **Verifying data against another data source** (Loan Origination System, Loan Management System etc.)





2. Checks for signatures and/or use AI-enabled image review for matching signatures.

All this data is now natively available in your software systems which can be searched, queried and processed; and used by your decision systems.

VERSATILITY, FLEXIBILITY AND SAVINGS

If IntainAI is not pre-trained on a particular document that you need to process, we ensure

- near zero-cost training, and
- deployment in two to four weeks



Here is metrics from what would be just another day for IntainAI in of our engagements.

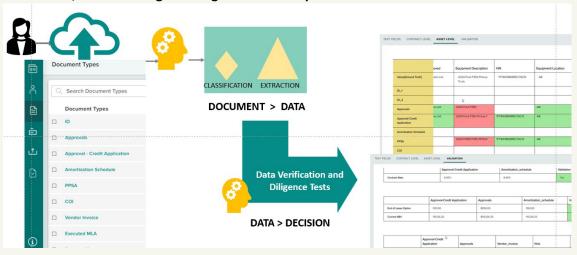
This is what gives us the confidence to guarantee a payback period of less than three months and ongoing savings of greater than 30%.

It also makes the operations more agile with ability to scale up and down based on market demand:

Volume Change	Operational Challenges	IntainAl Benefits
Scaling Up	Hiring delaysStep increase in costs	Zero delay Small increase in costs
Scaling Down	 Time lag between revenue reduction and cost reduction Cost and friction related to redundancies 	Zero delays Costs drop almost in line with volumes

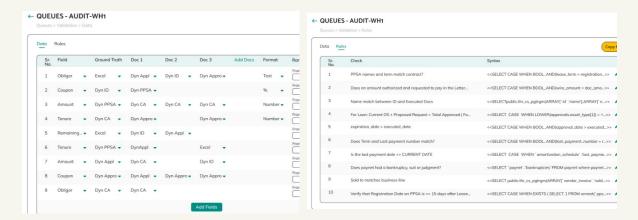
The result is an efficient operation which achieves two conflicting objectives – **reduction in operational cost and operational risk mitigation**.

In case of loan operations, where documents and process flows can vary significantly across assetclasses, IntainAI is flexible to adopt diligence requirements across financing structures and assetclasses, as illustrated in this example where of a **Canadian financier of equipment financing institutions, is automating due diligence of credit process with IntainAI**:



- More than 20 types of documents are uploaded by equipment financing company (ID, Invoice, Amortization Schedule, Credit Application etc.
- More than 100 data points are extracted across these documents
- More than 30 data consistency checks and diligence tests are performed

IntainAl provides an intuitive, no-code solution to set-up data checks and other validation rules:



FUTURE READY

CONVERSE WITH DOCUMENTS

(Future Of Document Processing with Generative AI)

Transitioning from traditional multi-step document handling, we use Generative AI for direct human language search and analysis. We invite a select group of Issuers, Diligence Firms, and Verification Agents to join our Beta for *Converse with Documents* (CwDoc), offering early access to latest in Artificial Intelligence.

"Please extract Name, State, Principal, Tenor and Interest Rate and reconcile with the LMS data?"

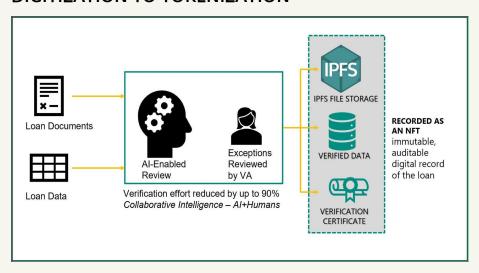
"Check all the agreements for signature and verify those signatures?"

"In the Allonge, extract fields"

Converse with Documents combines standard Al-enabled data extraction and verification, with adhoc querying for information across documents. By understanding and analyzing the content of financial documents, it offers summaries, extracts critical data, and even answers your questions directly - all in real-time.

IntainAl not only makes your operations efficient today, we future proof it.

DIGITIZATION TO TOKENIZATION



Intain partners with Custodians and other third party verification agents (VA) who use IntainAI to review and certify loan pool data.

At the Issuer's discretion, documents are saved in an IPFS folder and a Non-Fungible Token (NFT) for each loan is generated, creating an immutable and record of the loan.

This ensures that trustworthy documents are easily accessible, facilitating efficient resale and secondary transactions.

SUMMARY

	No-code addition of new documents and verification rules
9 III	Collaborative Intelligence with AI-assisted human-in-loop review (4-Eye Check) integrated with the process
-	SaaS OR Enterprise deployment options, or a hybrid (document and data storage in client environment, with SaaS for processing)
	Zero Cost Integration with RPA/BPM Software
A	ISO 27001:2013 Information Security Standards
	<3-month payback period and usage costs starting at \$5,000 p.m.

[All documents used for the demos have obfuscated/masked data. Hence, all Personally Identifiable Information is either masked or fictitious]