

# Banking OCR Solutions

## A Trade Use Case

Historically, trade has always been paper-intensive, often with unstructured documents from multiple parties and time-consuming processing with risk of data entry errors.

### The evolution?

Bridge the gap between paper and digital with **Cognitive Document Automation powered by AI.**



**The Past**  
Without OCR & Cognitive Document Automation

**VS.**

**The Now**  
with Cognitive Document Automation

Manual	Automated
Paper-Intensive	Converts the original, unstructured documents and images into searchable and usable text, understanding context through AI
Multitude of unstructured documents	Reduces processing time and data errors with usable text
Time consuming process with risk of data entry errors	Allows operator control for data validation and accuracy

**Banks like Citi are using Cognitive Document Automation with AI to digitize paper-based documentation and automate key tasks in the following ways:**

### Document Classification

⊗ An employee would sort through dozens of poorly formatted documents and identify each one individually



✓ Character recognition is used to identify and classify documents - even those unstructured ones, using AI to understand content and documents, improving productivity and efficiency

### Data Extraction

⊗ An employee would have to manually enter the data - a time intensive process with a high risk of error



✓ Automate data identification, categorization and correction, making data reliable and relevant to eliminate over 40 manual steps

### Compliance Reviews (Proper Noun Identification)

⊗ An employee must review the document sets to find all the proper nouns and manually enter the data with solution screening, a process that requires many manual steps



✓ Natural Language Processing and entity recognition add automation to noun identification in one simple step - proper nouns are automatically identified and entered for sanctions compliance screening via AI

**Cognitive Document Recognition will help Citi create a scalable operating model that...**



**Increases Efficiency**



**Reduces Costs**



**Accelerates Transaction Turnaround Times**

**...to improve the client experience and risk controls.**

Want to learn more about Cognitive Document Automation

**GET STARTED**

Interested in more Citi-specific solutions?

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