



ADOPLE AI

Agentic Healthcare Document Intelligence

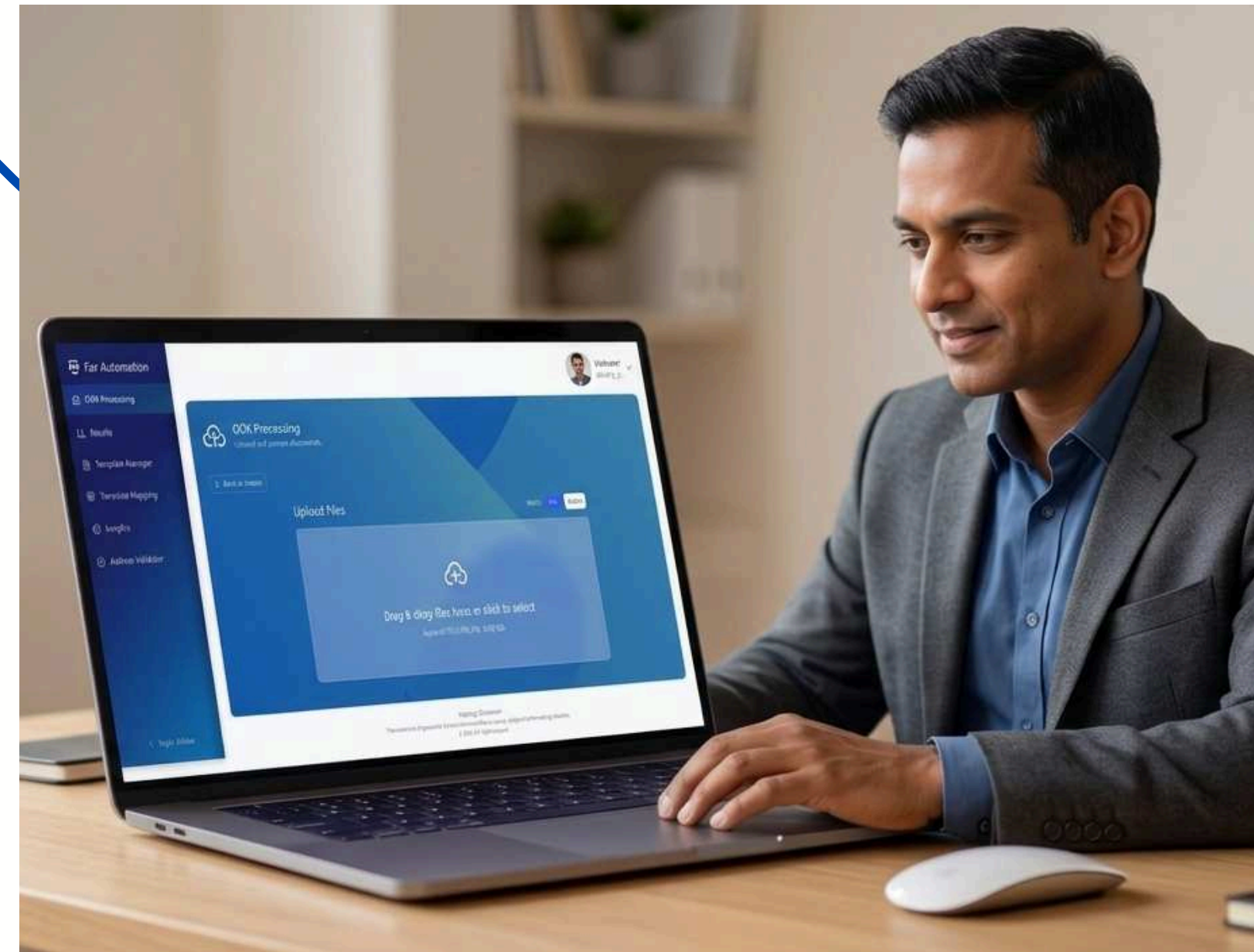
Transforming Unstructured Data into Actionable
Clinical Intelligence



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Project Overview

Agentic Healthcare Document Intelligence uses artificial intelligence to automatically read, classify, and extract data from incoming faxes, then routes it to the correct patient charts or systems, significantly reducing manual tasks for healthcare staff. This technology uses natural language processing to understand unstructured data, improving accuracy and speed in patient communication and administrative workflows, ultimately improving efficiency and freeing staff to focus on patient care.



The Problem

Why Healthcare Teams Struggle Today

Healthcare organizations still rely heavily on fax communication for patient referrals, insurance documentation, and clinical data exchange. Manual fax processing creates critical operational challenges:

- STEP

01

Manual Data Entry
Staff manually read fax documents and enter data into systems, which is time-consuming and error-prone.


- STEP

02

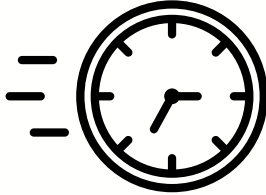
Human Errors
Manual entry leads to data inconsistencies, missing information, and compliance risks.


- STEP

03

Slow Processing
Fax processing delays patient onboarding and treatment workflows.



90  Per Fax
Manual Fax Processing

- STEP

04

High Costs
Manual processing requires dedicated staff and increases administrative costs.


- STEP

05

Lack of Visibility
Organizations lack visibility into missing fields or document quality issues.



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The Solution

Agentic Healthcare Document Intelligence

Our AI-powered platform automatically processes fax documents and converts them into structured healthcare data — eliminating manual effort entirely.

Automated Data Processing

Extracts patient, insurance, and clinical data from any fax document.

System Integration

Pushes structured data directly into systems such as Epic FHIR, Azure, and AWS.

Scalable Architecture

Supports high-volume document processing without workflow changes.

Product Capabilities



Automatic Reading

AI reads and classifies all incoming healthcare faxes.



Smart Routing

Routes data to correct patient charts & systems



HIPAA Compliance

Secure, privacy-first design for healthcare data



Intelligent Extraction

NLP-based data extraction from unstructured content



QA / Audit Checks

Auto-correction, suggested edits, and audit trails

Workflow Comparison

Fax manual workflow



Fax Automation AI workflow



What Changes With Adople AI?

- ❌ 6-step manual process
- ✅ 4-step automated pipeline
- ❌ Relies on dedicated staff time (approximately 90 minutes per fax).
- ✅ Staff review is required only when AI flags exceptions (2–5 minutes per fax).
- ❌ Manual entry + separate QA check
- ✅ AI handles QA, correction & editing inline

Key Benefits & Business Impact

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Save Time

More than 60% of clinician time related to fax handling is reclaimed through automation.



Out-of-Box Accuracy

Reduces manual data entry errors immediately. Accuracy improves further over time.



Enhanced Audit Trails

Ensures compliance with data security & privacy regulations with detailed access logs.



Scalable Growth

Supports growing healthcare operations without increasing headcount.

60%

Less Manual Work

Automation reduces administrative workload.

4x

Faster Processing

Documents are processed significantly faster.

\$15K

Cost Optimization

Reduces administrative workload and operational expenses significantly.

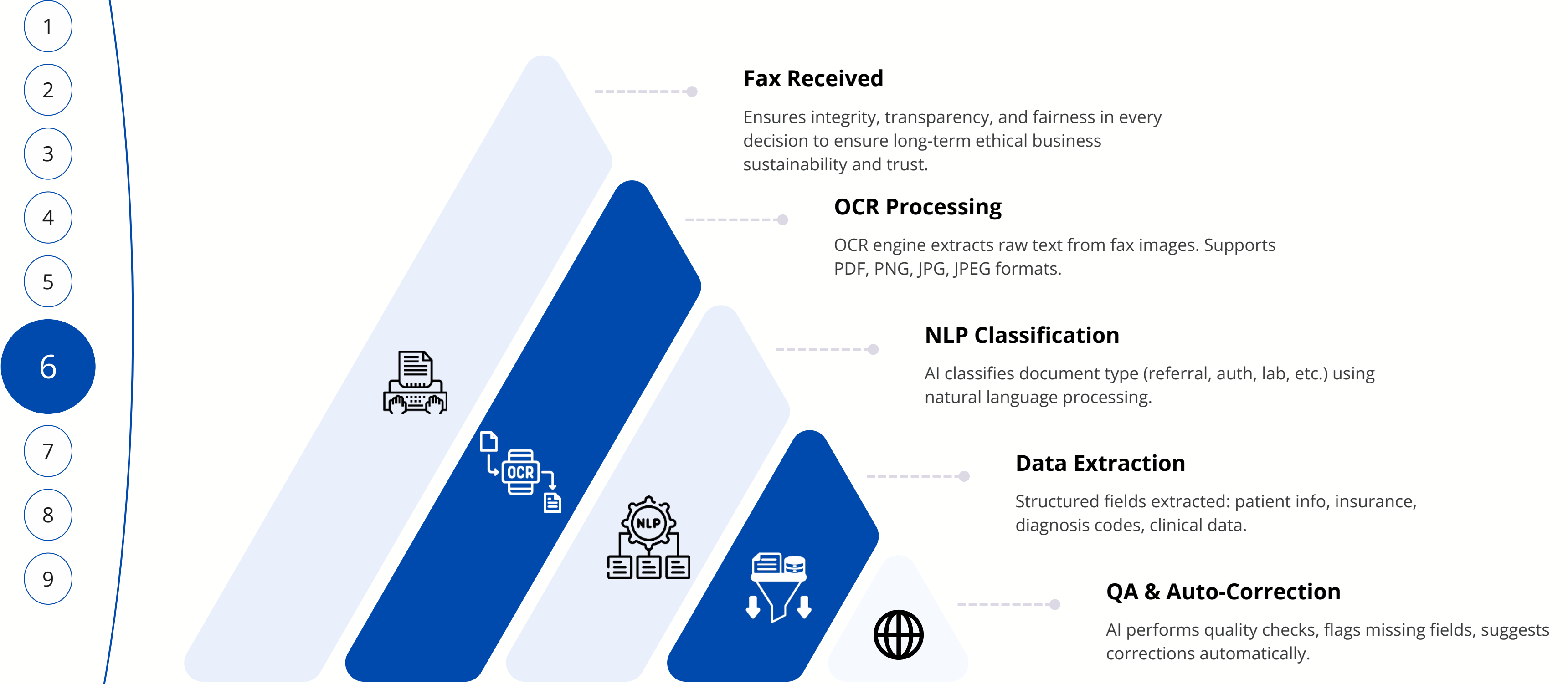
2-5 min

Per Fax vs 90 min

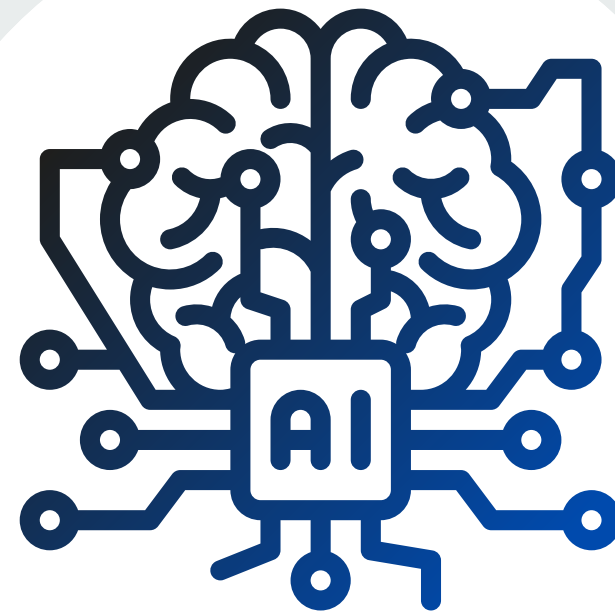
Dramatic reduction in processing time

HOW IT WORKS

AI + OCR Technology Pipeline



Considerations for AI Governance



Does AI produce valid, accurate results?

01

If AI fails, is immediate corrective action taken?

02

Is there ongoing accountability/quality control?

03

Adequate transparency about AI use

04

Ability to contest AI results

05

Is the AI "Explainable"?

06

Is the AI interpretable?

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Has risk level been evaluated?

08

Is the AI robust and resilient?

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Has data quality been validated?

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Has privacy risk been mitigated?

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Procedures to prevent misuse?

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Integration and Various Platform Compatibility

Seamless Healthcare System Integration

Designed for easy integration, our Agentic Healthcare Document Intelligence platform connects with existing healthcare systems to automate document processing without disrupting current workflows.

Health Care

Finance

Fully compatible with these apps:





ADOPLE AI



START FREE TRIAL *Today!*



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