

Autonomous Invoice Processing Platform

Driving 85% Touchless Processing at Scale



Client Overview

A leading India-based diversified conglomerate with a strong presence across engineering, chemicals, financial services and manufacturing. The organization operates through multiple business units, each with its own vendor ecosystem, procurement workflows and ERP systems, resulting in a high-volume, complex accounts payable environment.

Business Challenges



High dependency on manual data entry

Accounts payable function operated as a data-entry-heavy process across thousands of invoices



Multiple invoice formats

Vendors submitted invoices in varied formats including printed, scanned, emailed and handwritten documents



Error-prone reconciliation process

Manual entry led to mismatches, delays and frequent rework



Lack of real-time visibility

Invoices were only visible in systems after manual entry, impacting financial tracking



Compliance risks

GST errors and missing validations created potential tax and audit exposure

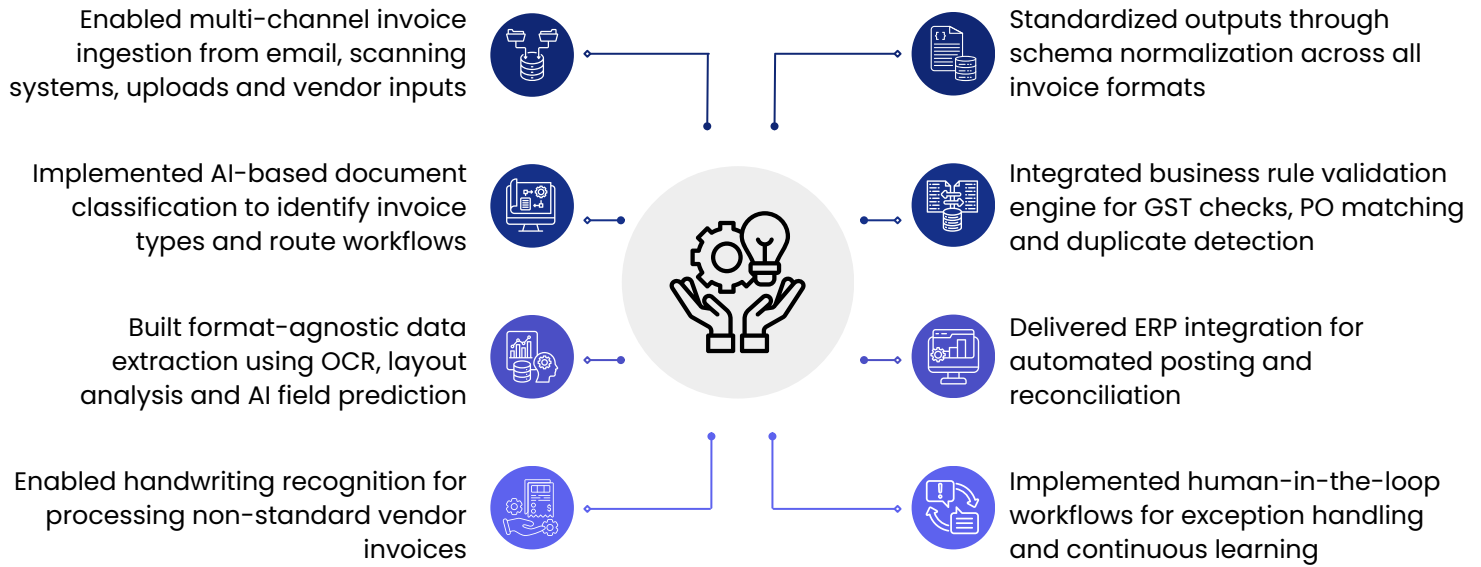


Limited scalability

Increasing invoice volumes required proportional increase in manual effort

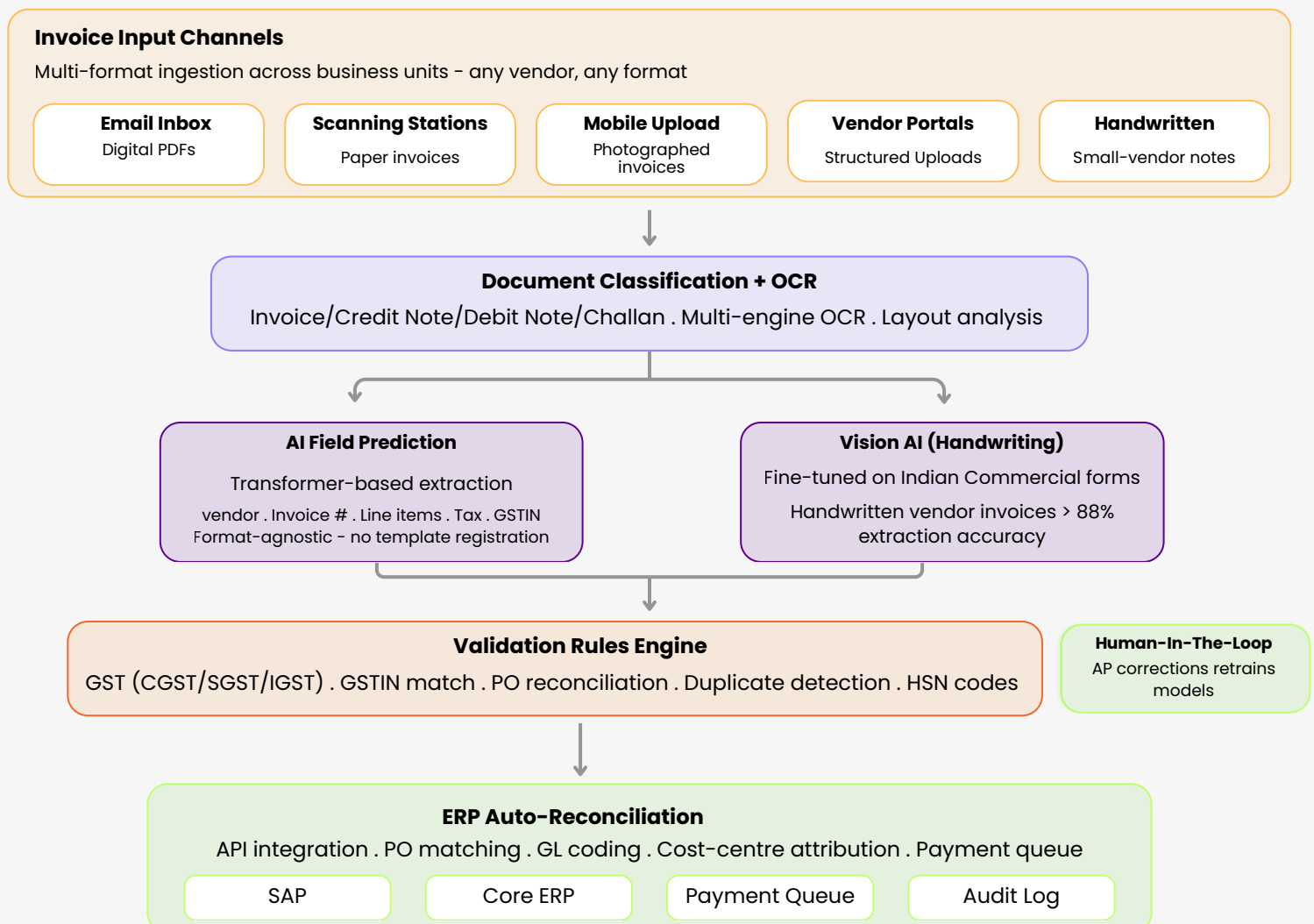
Skillmine Solution

An AI-powered smart invoice automation pipeline enabling end-to-end processing from invoice intake to ERP entry with minimal manual intervention.



Smart Invoice Automation

AI-Powered Multi-Format Invoice Ingestion, Extraction & ERP Reconciliation



Implementation Approach



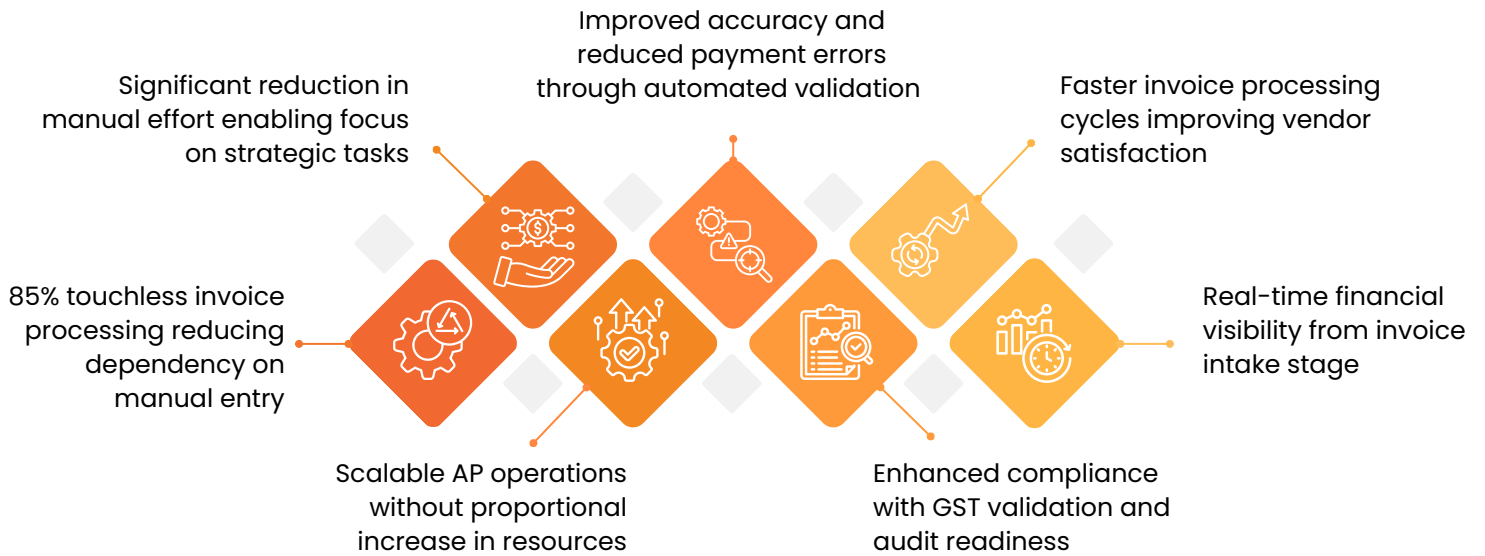
Challenges Overcome

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Handwritten Invoice Processing
Improved extraction accuracy significantly by implementing vision AI models tailored for handwritten vendor documents
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Complex GST Validation Logic
Developed a dynamic rules engine accounting for interstate, intrastate and special tax scenarios to reduce false positives

Business Benefits



Key Data Points

10,000+

invoices processed monthly

85%

touchless processing rate

80%

reduction in manual effort

4 formats

handled including handwritten invoices

200+

vendors onboarded without templates

< 9 months

payback period

Technology Stack

OCR & Vision AI Models

AI Field Extraction Models

Validation Rules Engine

ERP Integration APIs

Capability & Competency

- ☒ Document Intelligence & OCR
- ☒ Workflow Automation
- ☒ AI-Based Data Extraction
- ☒ Tax & Compliance Validation
- ☒ ERP Integration & Automation
- ☒ Human-in-the-loop AI Systems

For more information
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