

CASE STUDY

# The Intelligent Financial Operations & Reporting Automation

How we reduced manual financial workload and improved accuracy with an AI powered system, accelerating reporting and tax workflows.

01 THE CHALLENGE

## Manual Processes Slowing Output

Managed invoices, receipts, and tax documents involving manual processing and categorization, which created inefficiencies.



**Document Overload**

Large volumes of invoices, receipts, and tax documents required manual processing and categorization.

**Manual Data Entry**

Time consuming data entry and reconciliation increased workload and risk of human errors.

**Delayed Communication**

Client updates and reporting were slow, impacting satisfaction and responsiveness.

02 THE SOLUTION

## Unified Workflow

**01 Document Processing Agent**

Automatically extracts and categorizes data from invoices, receipts, and tax documents, eliminating manual data entry and improving accuracy.

**02 Reconciliation Agent**

Matches transactions, flags discrepancies, and maintains real-time financial records with consistent accuracy.

**03 Communication Agent**

Handles client queries, sends reminders for document submissions, and shares updates automatically.

**04 Tax Preparation Agent**

Prepares structured financial data for tax filings and reporting, reducing workload during peak tax seasons.

03 TRANSFORMATION

## Before vs After

Ledger\_Entries\_FY24\_Q4.xlsx

ENTRY	TYPE	STATUS	ACCOUNTANT
JE-9012	Invoice	MISMATCH	Rechecking
JE-9013	Expense	UNVERIFIED	Priya Sharma (8 Pending)
JE-9014	Tax Filing	DEADLINE RISK	Ryan Mitchell
JE-9015	Reconcile	BACKLOG	queue + 47

128 documents awaiting manual entry  
Peak season overload • Client reports delayed

ENTRY TIME: ~8 hrs/day | ERROR RATE: 12% | REPORT DELAY: 6 days | COMPLIANCE RISK: High



TechYard AI Finance Suite

DOCS PROCESSED	ACCURACY	AVG ENTRY TIME	BACKLOG
1,284/1,284	99.7%	1.4s	0

ENTRY	TYPE	STATUS	PROCESSED
JE-9012	Invoice	Auto-reconciled	1.2 sec
JE-9013	Expense	Categorized	0.8 sec
JE-9014	Tax Filing	Draft ready for review	3.1 sec
JE-9015	Reconcile	Matched & posted	0.6 sec

All 1,284 entries processed • 0 backlog • Books live-updated  
Tax-ready reports generated • Clients auto-notified on filing status

**Manual Operations**

- Manual Entry**: Accountants entering and verifying financial data across spreadsheets.
- Document Backlogs**: Large volumes of documents causing delays in processing.
- Intensive Workload Periods**: Overload during tax filings with time sensitive deadlines.
- Slow Communication**: Delayed client updates and reporting cycles.

**AI-Powered System**

- Automated Processing**: Data extracted and categorized instantly with high accuracy.
- Real-Time Records**: Clean dashboards with up to date financial insights.
- Streamlined Tax Prep**: Reduced workload during peak filing periods.
- Proactive Updates**: Automated communication and reminders for clients.

04 SCALABILITY

## Built to Handle Financial Volume

**24/7 Operations**

Processes financial data continuously without delays.

**Data Management**

Handles large volumes of documents and transactions.

**Consistent Accuracy**

Maintains precision across all financial workflows.

**Multi-Client Scaling**

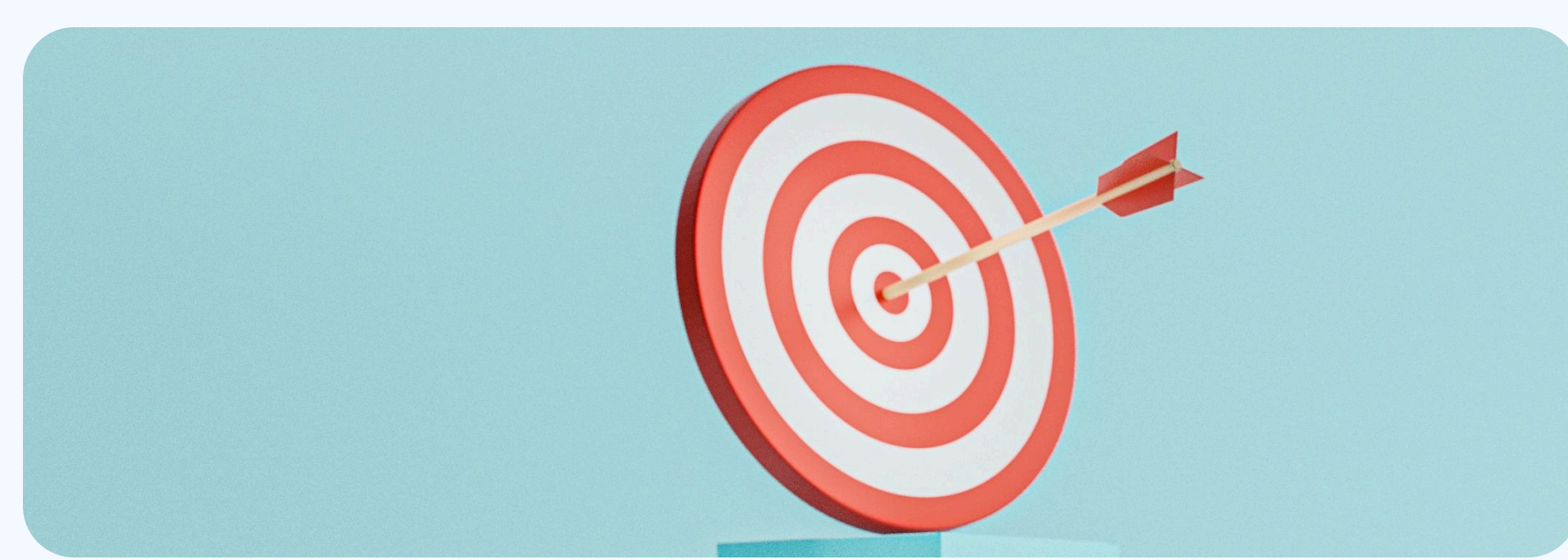
Easily scales across multiple clients and portfolios.



Whether managing 10 clients or 1,000+ accounts, performance remains fast, accurate, and reliable.

05 RESULTS

## Measurable Impact, Immediate Gains



**70%**

TIME REDUCTION

Reduced time spent on legal research and document review.

**90%+**

ACCURACY

High accuracy in document extraction and reconciliation.

**Faster**

REPORTING

Improved turnaround for tax filings and financial reports.

NEXT STEPS

## Your Operations could be next

See how TechYard's AI systems can streamline financial workflows and improve operational efficiency.