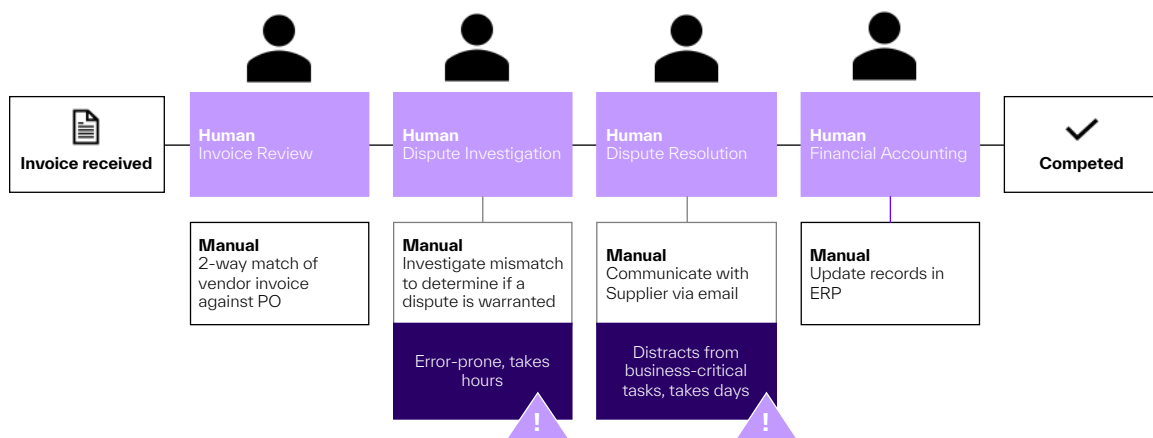


# How Agentic Automation Transforms Invoice Processing

Invoice processing is a critical function for any business, but the method used significantly impacts efficiency, cost, and error rates. The three workflows—Manual, Robotic, and Agentic—demonstrate an evolution from traditional human-intensive processing to a fully autonomous, intelligent system.

## 1. Manual Workflow – Slow, Error-Prone, and Resource-Intensive



In a fully manual process, every step requires human intervention, leading to inefficiencies and a high risk of errors.

### Key Characteristics:

- Invoice Review: A human manually performs a two-way match of the invoice against the purchase order (PO).
- Dispute Investigation: If there's a mismatch, a human manually investigates policy documents and determines whether a dispute is warranted.
- Dispute Resolution: If a dispute is needed, the employee communicates manually with the supplier, leading to long back-and-forth email chains.

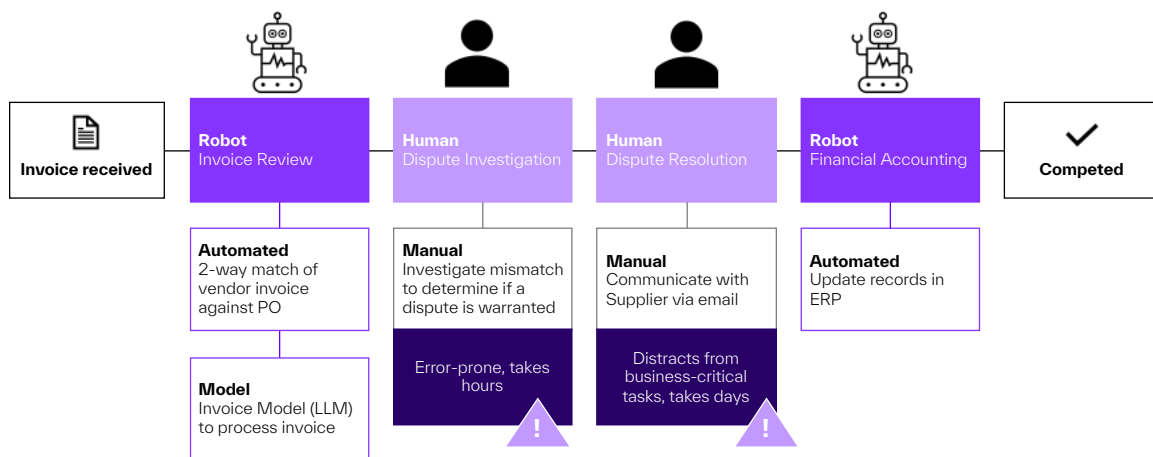
- Financial Accounting: Once resolved, another human manually updates the ERP system, increasing the risk of data entry errors.

## Challenges:

- x Slow Processing Times: Investigations can take hours to days, delaying payments.
- x Error-Prone: Human validation increases the risk of mistakes.
- x High Workload: Employees spend excessive time on repetitive tasks rather than focusing on strategic work.

✓ **Outcome: Inefficient and costly, leading to bottlenecks in finance operations.**

## 2. Robotic Workflow – Faster, but Still Dependent on Human Oversight



The introduction of Robotic Process Automation (RPA) automates some steps but still relies heavily on humans for handling exceptions and decision-making.

## Key Enhancements Over Manual Workflow:

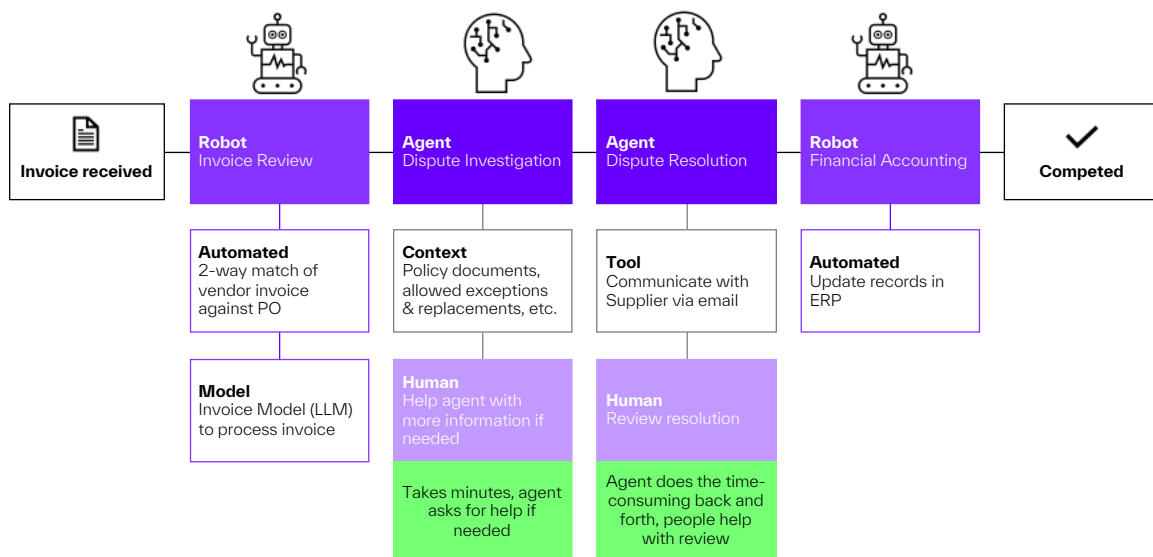
- Invoice Review: An RPA bot automates the two-way match between invoices and POs. A machine learning model (DocPath) extracts and processes invoice data with greater accuracy.

- Dispute Investigation & Resolution: Still fully manual, requiring human analysis and supplier communication.
- Financial Accounting: Once resolved, an RPA bot updates the ERP system, eliminating manual data entry errors.

## Challenges:

- ⚠️ Dispute Investigation Still Manual: Time-consuming and error-prone.
- ⚠️ Human Involvement in Resolution: Employees still waste time managing disputes with suppliers.
- ✓ **Outcome: Processing is faster, but human oversight is still a major bottleneck.**

## 3. Agentic Workflow – Intelligent, Self-Optimizing, and Adaptive



Agentic Automation introduces autonomous AI agents that actively think, decide, and communicate, significantly reducing manual work.

## Key Upgrades Over Robotic Workflow:

- Invoice Review: RPA still handles automated matching and data extraction.

- Dispute Investigation: An AI Agent now autonomously investigates disputes, referencing policy documents, exceptions, and replacements. The agent only asks a human for help if additional context is needed—cutting down human involvement significantly.
- Dispute Resolution: The AI communicates directly with the supplier, automating emails and negotiations. Humans only review the final resolution instead of handling the entire conversation.
- Financial Accounting: Fully automated via RPA, ensuring accurate and real-time ERP updates.

## **Major Benefits:**

- ✓ Autonomous Decision-Making: AI agents handle disputes intelligently without needing human intervention.
- ✓ Drastic Reduction in Manual Work: Employees only assist when necessary, making the process more scalable.
- ✓ Faster Invoice Processing: Time is reduced from days to minutes as AI resolves issues in real-time.

✓ **Outcome: A fully orchestrated human + AI + RPA system that is fast, intelligent, and scalable.**

This allows organizations to handle complex, exception-heavy processes with minimal manual intervention.

Agentic Automation bridges the gap between automation and true autonomy, enabling continuous improvement, context-aware decision-making, and seamless collaboration between humans and AI. As a result, finance teams can focus on strategic initiatives rather than getting stuck in repetitive tasks and operational firefighting.

## The Evolution: Manual → Robotic → Agentic Automation

Feature	Manual Workflow	Robotic Workflow	Agentic Workflow
Invoice Matching	Manual	Automated (RPA)	Automated (RPA)
Dispute Investigation	Manual	Manual	AI Agent (autonomous)
Supplier Communication	Manual (email)	Manual (email)	AI Agent (autonomous)
Financial Updates	Manual	Automated (RPA)	Automated (RPA)
Processing Speed	Hours-Days	Faster, but limited	Minutes
Error Rate	High	Reduced	Minimal
Human Effort Required	High	Medium	Minimal

✓ **Final Conclusion:** Agentic Automation eliminates bottlenecks, allowing businesses to process invoices in minutes, reduce errors, and free up employees for higher-value tasks.