

# Haney™ AI and RPA – Pharma Industry Robotic Process Automation

Driving Next-Generation ERP Excellence Through Intelligent Automation



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## Executive Summary

Pharmaceutical enterprises operate in one of the most compliance-intensive, data-rich environments in the world. Manual, repetitive tasks across financial, supply chain, and regulatory workflows drain resources, introduce errors, and slow operational agility. **Haney AI and RPA – Pharma Industry Robotic Process Automation Solution** provides an intelligent automation framework that combines AI-driven insights with Robotic Process Automation (RPA) to deliver error-free, highly efficient process execution at scale.

Haney leverages cutting-edge automation to reshape core pharma operations : boosting accuracy, slashing costs, and unlocking strategic capacity for innovation.

## The Automation Imperative in Pharma

Pharma organizations face:



**Highly regulated production, safety, and quality systems**



**Complex supply chain and inventory flows**



**Intensive financial reconciliation and reporting cycles**



**Manual workflows that strain IT and operations teams**

These factors create significant operational drag and exposure to human errors — often in mission-critical processes such as batch record processing, regulatory reporting, inventory tracking, and demand forecasting.

## Automation isn't just a competitive advantage. It's a strategic necessity to:

- Enhance operational accuracy
- Reduce human workload
- Improve compliance and traceability
- Free expertise for higher-value tasks

## What Is Robotic Process Automation (RPA)?

Robotic Process Automation (RPA) is technology that automates repetitive, rule-based tasks traditionally performed by humans, enabling "bots" to execute workflows across systems with speed and precision. Combined with AI and machine learning, RPA becomes a key element of **hyperautomation**, enabling end-to-end digital transformation.

## Introducing Haneya AI and RPA for Pharma

**Haneya AI and RPA** is an intelligent automation platform that combines:

- *AI/ML-powered predictive insights*
- *Robotic Process Automation for execution*
- *Integration with SAP and non-SAP systems*

The solution drives full process digitization across pharmaceutical ERP environments; eliminating manual bottlenecks and driving consistent accuracy in mission-critical workflows.

Haneya's AI/ML capabilities analyze patterns from real data to generate decision triggers like : inventory thresholds, procurement needs, or financial close alerts; while RPA executes those decisions automatically and at scale.

## How Haneya AI & RPA Works

The Haneya automation lifecycle typically follows:

### **Step 1 : Predictive Insight Generation**

Haneya's AI models analyze historical data to forecast needs in supply chain, finance, and operations.

### **Step 2 : Rule Definition & Workflow Automation**

Automated workflows are defined based on business rules and predictions.

### **Step 3 : Robotic Execution**

Bots execute high-volume tasks such as transaction processing, data entry, reconciliation, and reporting.

### **Step 4 : Continuous Improvement Loop**

Performance metrics feed back into AI models for ongoing optimization.

# Pharma Use Cases Powered by Haneya

**Haneya AI and RPA can transform core pharma workflows, including:**

#### **Supply Chain Automation**

- Automated inventory replenishment
- Predictive demand planning and procurement triggers

#### **Financial Operations**

- Automated accounts reconciliation
- AI-driven financial forecasts
- Enhanced accuracy in budgeting/closing

#### **Regulatory & Compliance Workflows**

- Automated batch record checks
- Process-driven compliance documentation
- Audit-ready traceability

#### **Customer & Order Fulfillment**

- High-volume order processing
- Automated shipping and tracking updates

*Each of these use cases reduces manual work while enhancing overall operational precision.*



# Business Benefits for Pharma Enterprises

Haneya delivers measurable value:

- **Up to 80–90% workforce efficiency savings** through automation of repetitive tasks
- **100% process accuracy**, eliminating manual errors
- **Lower operational costs**
- **Faster cycle times** for finance, supply chain, and compliance
- **Greater compliance confidence and auditability**

By integrating AI with RPA, pharmaceutical organizations can transform operational bottlenecks into structured, automated workflows that run with precision and scale.

# Differentiators : Why Haneya AI & RPA

Haneya stands out in the automation space due to:

## **AI-First Predictive Logic**

AI models generate actionable triggers that RPA executes automatically.

## **Seamless Integration with SAP Landscapes**

Works across SAP S/4HANA and non-SAP systems.

## **End-to-End Automation**

From forecasting to execution and continuous learning.

## **Tailored for Pharma Complexity**

Designed to handle compliance-centric data, multi-system workflows, and regulatory reporting needs.

## Conclusion

For pharmaceutical enterprises navigating intricate regulatory environments and data-intensive processes, **Haneya AI and RPA — Pharma Industry Robotic Process Automation** provides a powerful automation foundation that delivers accuracy, efficiency, and strategic agility.

With combined AI insights and robotic execution, organizations can unlock operational excellence and focus on delivering core business value.



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