UiPath®
Agentic automation

Revolutionize inventory management

Ensure real-time tracking, precise demand forecasting, and seamless reordering

Predict inventory shortages faster with AI-driven insights

Inaccurate demand forecasting often leads to stockouts or overstocking that disrupt operations and impact service quality. Manual tracking and backorder resolution processes are inefficient and error-prone, delaying fulfillment and reducing accuracy. Supply chain volatility and limited real-time visibility further complicate efforts to maintain optimal stock levels for critical supplies.

Machine learning forecasts demand, automates supplier alerts, and resolves backorders. Real-time tracking cuts stockouts and ensures fulfillment accuracy for critical supplies.

MetroHealth
Devoted to Hope, Health, and Humanity

90%
Reduction in processing time for back-ordered products

35%
Improvement in resolution time

Systems impacted:

- Inventory management software
- Supply chain systems
- ERP systems
- EHR systems

The benefits of AI-powered automation

Data-driven decisions
Integration with ERP and EHR systems provides valuable insights into costs, usage patterns, and operational efficiency, enabling informed financial decisions.

Optimized purchasing
Accurate demand forecasting and inventory tracking allow hospitals to order only what is needed, reducing excess inventory and associated storage costs.

Reduced waste & environmental impact
Effective inventory management minimizes expired or unused medical supplies, reducing waste and associated disposal costs. This not only saves money and supports environmental sustainability.

Better availability of supplies
Inventory management ensures that essential medical supplies are always available, enabling prompt and uninterrupted workflows without disruption.

Evolution of inventory management with AI-powered automation

Whether your process is fully manual or partially automated, you can do more with UiPath. Use the chart below to benchmark your progress and discover the technology that can support your automation journey.

Manual

| Export backorder data | Classify order type | Identify template | Populate/send vendor template | Send replacement email to requestor | Send replacement approval to vendor |

Utilizing RPA

RPA retrieves backordered product information from updates in the Inventory management system. Populates and emails vendor template for replacement product.

| Export backorder data | Classify order type | Identify template | Populate/send vendor template | Send replacement email to requestor | Send replacement approval to vendor |

Utilizing RPA and IDP

RPA & IDP review and identify the product type that is backordered. Product replacement / alternative product email is sent to vendor. Approval email is sent to requestor when vendor provides an alternative product.

| Export backorder data | Classify order type | Identify template | Populate/send vendor template | Send replacement email to requestor | Send replacement approval to vendor |

Utilizing agentic automation

Agentic automation uses backorder data to to identify vendor or alternative vendor template to request replacement product. Makes a vendor recommendation to employee if original vendor does not have a replacement product.

| Export backorder data | Classify order type | Identify template | Populate/send vendor template | Send replacement email to requestor | Send replacement approval to vendor |

Manual effort: Automation: Employee review (if needed):

RPA - Robotic Process Automation
IDP - Intelligent Document Processing

Why UiPath?

As the world moves into an agentic future, the UiPath Platform™ enables AI agents, robots, people, and models to work together harmoniously to revolutionize healthcare. Create a new reality for inventory management with:

Real-time tracking: UiPath can track inventory in real-time, ensuring accurate stock levels.

IT system integration: UiPath is a vendor-agnostic enterprise AI and automation program that seamlessly integrates with existing ERP and related supply chain software.

Automated reordering: AI powered RPA can monitor and automatically generate orders based on inventory thresholds.

Enhanced forecast accuracy: Leverage AI and machine learning to analyze historical data, consumption patterns, and market trends, enabling demand forecasting that minimizes stockouts, reduces overstocking, and optimizes inventory levels.

Ready to take the next steps?

Contact us to get started with AI-powered inventory management today.

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