



Inventory Replenisher

Analyzes purchase requisitions in ERP to help manage real-time stock adjustments, reducing stock-outs, over-stockings and planning effort.



| **IFS** Loops

The Challenge Today

Inventory teams spend countless hours tracking stock levels, managing supplier responses, and manually adjusting replenishment plans. Disconnected systems and reactive order handling make it difficult to manage complex supplier rule sets and constraints, leading to overstocking, stock-outs, and missed opportunities. The result is rising carrying costs, delayed production, and planners stuck in spreadsheets instead of focusing on strategic supply management.

How it Works?

The Inventory Replenisher Agent transforms manual, reactive replenishment into an intelligent, autonomous process that ensures material availability by converting purchase requisitions into purchase orders. It continuously monitors ERP systems and applies supplier rule sets and considerations at the PR line level to automatically generate purchase orders.

Intelligent replenishment



Scans ERP PR lines and converts them into POs when supplier rules are met.

Recommendations



Suggests optimal order quantity and time based on service targets and lead times.

Periodic replenishment scan



Timed triggers to assess PR lines, supplier rules, and conditions for processing.

Generate and POs



Drafts, submits, and updates purchase orders automatically.

Handle exceptions



Flags forecast deviations, delays, or shortages for planner review.

Coordinate delivery



Ensures timely shipment and inbound visibility with logistics updates.

Automated Replenishment Decisions



Optimizes inventory by reallocating stock across sites to avoid shortages and excess.

Integrations

Email



Collaboration



Enterprise Applications



Documents



Agentic Skills



Actionize Planning Outcomes



Supplier Validation

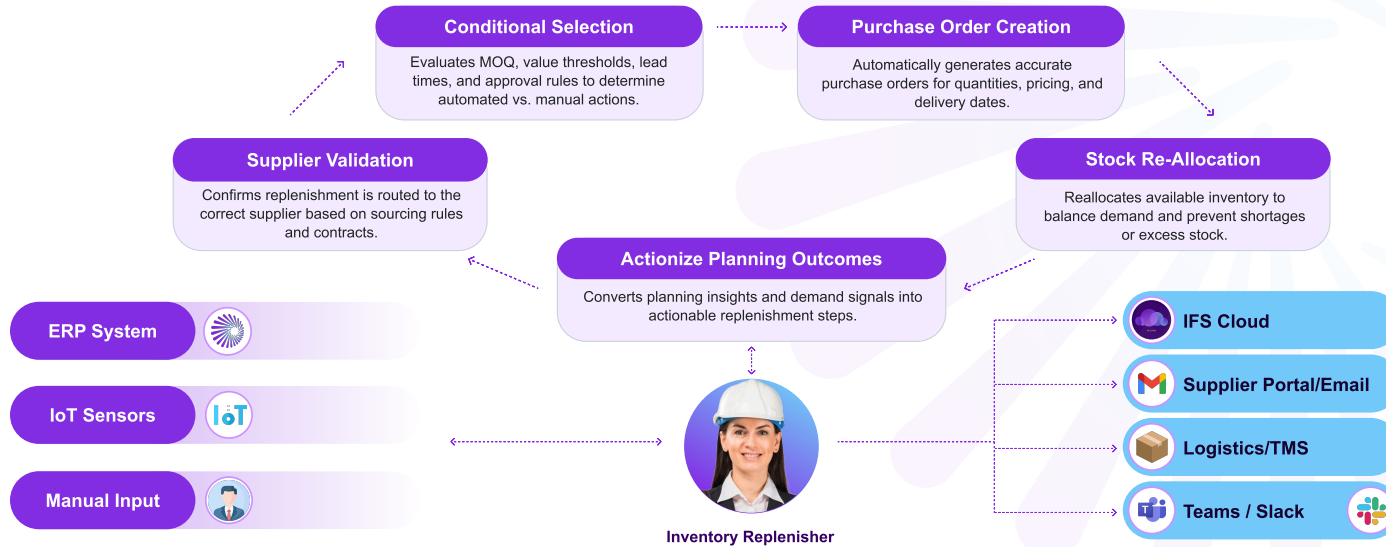


Conditional Selection



Purchase Order Creation

Smarter Inventory Replenishment



Key Problems Solved

- ✓ Reduces stockouts and excess inventory through predictive planning.
- ✓ Eliminates repetitive, manual order management tasks.
- ✓ Improves supplier reliability and replenishment speed.
- ✓ Enhances visibility across warehouse, ERP, and supplier data.
- ✓ Frees planners to focus on exceptions and strategic decisions.

Business Value & Impact



Higher availability

Proactively prevents shortages and disruptions.



Lower costs

Reduce inventory carrying and ordering expenses.



Greater efficiency

Automates 30% to 40% of planner workload.



Improved supplier performance

Strengthens on-time delivery and accuracy.



High scalability

Adapts across industries, suppliers, and sourcing models



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