



Replenishment & Allocation

Proactively allocate and replenish inventory to meet demand, maximize availability and improve inventory efficiency.

Invent.ai's Replenishment & Allocation optimizes inventory positioning to meet omni-channel demand, reducing stockouts and excess while improving sell-through and fulfillment efficiency. With AI-driven decision-making, it enhances service levels and maximizes margins to help planners achieve financial goals.



Invent.ai's partnership approach is vastly different from our previous experiences. It changed our mindset. Rather than endless parameter maintenance, invent.ai's economic approach automated more profitable inventory levels freeing business teams to adjust and change strategies based on insights gleaned from invent.ai's science."

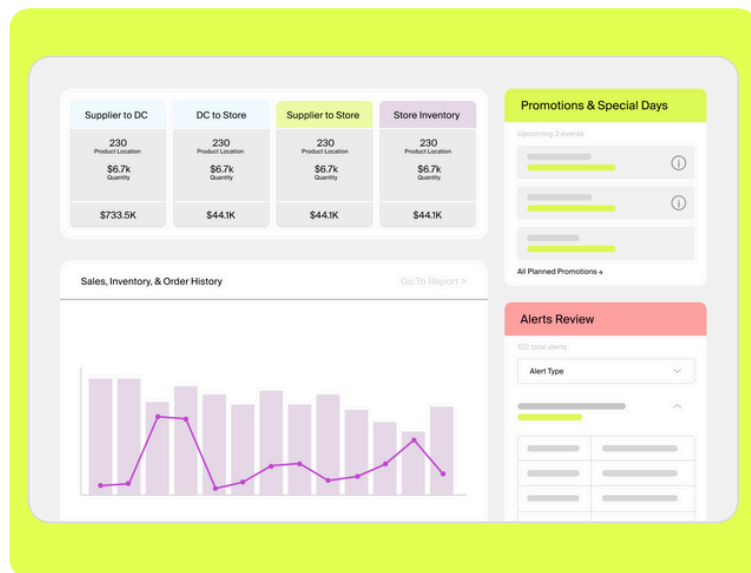
John Jarrett,

VP of Merchant System Operations,
Academy Sports + Outdoors

Academy[®]
SPORTS+OUTDOORS

Why invent.ai's Replenishment & Allocation solution?

Invent.ai's Replenishment & Allocation Optimization uses AI to position inventory across stores and hubs, reducing stockouts and excess, and boosting efficiency, sell-through and revenue.



AI-driven forecasting & optimization



Constraints applied automatically



Profit-driven



Streamlined fulfillment process



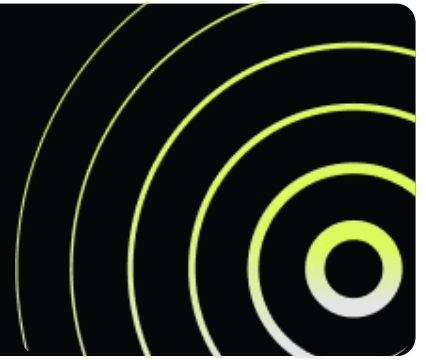
End-to-end integration



Scenario-based & data-driven decision making

Key Features

- Demand-driven & profit-optimized decisions
- Advanced forecasting & inventory optimization
- Supercharged planning & fulfillment
- Enhanced inventory productivity



10-30 %

reduction in
inventory



15-30 %

less stranded
inventory



20-30 %

reduction in
lost sales



5-20 %

reduction of
waste

About invent.ai

Invent.ai is an AI-decisioning platform that enables retailers to turn data into real-time decisions and intelligent actions across inventory, pricing and merchandising. Powered by a multi-agentic AI architecture, the platform predicts outcomes, refines strategies and executes merchandising decisions at scale—driving measurable sales, revenue and margin performance. By combining advanced AI with deep retail expertise, invent.ai helps retailers across the globe navigate dynamic markets, improve operational efficiency and achieve sustainable financial outcomes.

Invent.ai is recognized in the Gartner® Market Guide for Retail Forecasting, Allocation and Replenishment Solutions and for Retail Unified Price, Promotion and Markdown Optimization Applications – Short Life Cycle. The company has also received the RetailTech Breakthrough Awards' Customer Experience Award, SupplyChainBrain's Great Supply Chain Partner recognition and Supply & Demand Chain Executive's Top Supply Chain Projects award. With SOC 1 Type II, SOC 2 Type II, and ISO 27001 certifications, invent.ai ensures security and data protection across all AI-powered solutions. For more information visit www.invent.ai.