OMNI-STORE & DC REPLENISHMENT

Make profit-optimized inventory decisions every day

Replenishment solutions with the service-level frameworks are built for the old world of retail. They can no longer help retailers manage the complexity of the omni-channel world. **Only a profit-optimizing replenishment solution holds the key to win in an omni-retail future.**

Our Omni-Store and DC Replenishment solution **frees you from the continuous parameter setting and calibrations**. It upgrades inventory decisions from a judgment-driven, KPI-measured process to a **financial optimization-driven** and measured process.

Omni-Store and DC Replenishment accelerates your replenishment capabilities, enabling you to make profit-optimized inventory decisions every day. Now you can deliver superior customer service while squeezing every last basis point of margin from your business.

Replenishment, Reengineered.

Maximizes profitability by lowering inventory levels

Takes your channel strategy and customer expectations into consideration

Reduces lost sales and increases customer satisfaction

Positions inventory smartly to reduce overall fulfillment costs

Anticipates omni-fulfillment of demand from various locations & optimizes inventory positioning accordingly

Uplift promotions and estimate the effect of competing and complementary products (Cannibalization and Halo)
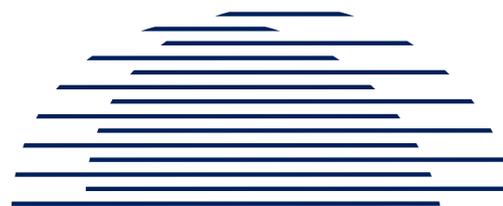
Balance product availability with waste probability

Improves in-store availability

Foresee the potential impact of future decisions and compare what-if scenarios in real-time

Fits into your business models & e-commerce management constraints

Why Use Omni-Store and DC Replenishment?

Omni-Demand and Omni-Fulfillment Act as Your Replenishment Backbone

- Use **AI-powered forecasting** to achieve highly accurate forecasts at the levels of granularity

- Take advantage of **demand sensing** and **probabilistic forecasting** capabilities

- Replenish stores, DCs, hub-stores and dark stores with the right amount of inventory at the right time in anticipation of omni-channel demand that could be fulfilled from every possible source.

Supercharge Your Planning

- Use our **tailor-fit** capabilities to optimize replenishment decisions to your specific needs

- Automatically and continuously monitor KPIs

- Consider demand shift and adapt quickly

- See the potential impact of future decisions through **what-if** analysis & simulations.

Use Dark Store Inventory Optimization to Meet Your Omni-Customer Demand

- Manage uncertain future demand in an omni-channel environment

- Increase availability of products in each **delivery zone**

- Respond **faster to online** orders

- Improve **last-mile** delivery.

Take Dynamic Inventory Optimization to the Next Level

- Achieve better inventory planning at store level by using real-time online orders

- Balance lost margin from out-of-stocks and the cost of carrying inventory

- Calculate optimal inventory levels for each item-store-day

- Plan for **peak-demand** or increasing/decreasing inventory demand situations (e.g. Christmas planning)

- Determine the **optimal reorder points** and order quantities taking account of product profitability, strategic considerations, changing demand patterns, and supply chain constraints.

A/B Test Proven Client Results

10-30% ↓
Reduction in Inventory

20-30% ↓
Reduction in Lost Sales

20-30% ↓
Reduction of Waste

20-50% ↑
Higher Forecast Accuracy

About Invent Analytics

Invent Analytics' Omni-AI **delivers significant financial improvement** by empowering retailers to **profit-optimize** their supply chain. It orchestrates a retailer's entire supply chain **by unifying network planning, inventory and price optimization, and fulfillment in one framework.**

Invent Analytics puts your **omni-customers at the heart of its tailor-fit solutions.** It **proves the financial benefits** with pre-go-live simulations and rigorous **A/B testing.** Invent Analytics' over 30 clients have experienced a **2-6% increase in profitability.**

Invent Analytics' Omni-AI SaaS solutions are:

- Omni-Network Design
- Omni-Plan Suite
  - Omni-Demand Forecasting
  - Omni-Store and DC Replenishment Optimization
  - Omni-Allocation Optimization
  - Omni-Transfer Optimization
  - Markdown Optimization
  - Assortment Optimization
  - Dynamic and Competitive Price Optimization
- Omni-Fulfillment

Invent Analytics has been selected as the **Top Supply Chain Technology Company by Retail Industry Leaders Association (RILA)** and **won the 2020 Innovation Awards for Supply Chain.**

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