



# OMNI-FULFILLMENT

Minimize fulfillment costs and maximize inventory availability with forecast-driven, profit-optimized fulfillment of omni-customer orders

From where should a retailer fulfill omni-customer orders, given different inventory levels at stores, hub-stores, and DCs?

The lowest fulfillment cost option is possible, but it may hurt availability for future orders in that store/demand area.

The highest inventory location may be an option, but the fulfillment cost might be too high.

DC is usually the cheapest option, but then it runs out of inventory for replenishment too quickly.

Minimizing split shipments might be preferred to reduce costs and increase customer satisfaction, but it does not account for fulfillment forecasts from all alternative locations and future inventory availability.

Omni-Fulfillment provides the optimal answer that maximizes retailers' profitability. It reduces fulfillment costs today while increasing availability and delivery speed in the future by taking fulfillment forecasts into account.

It reinvents retailers' supply chain with a fulfillment engine that meets changing needs, now and in the future.

## Omni-Fulfillment for an Omni-Future



Characterizes the financial impact of pulling inventory from each location



Gives the optimal answer to "fulfill from where?" by financial optimization of conflicting KPI's



Lowers fulfillment costs for both current and future customer order



Reduces overall split shipments and lowers logistics costs



Increases inventory availability and delivery speed in the future



Increases customer satisfaction and net promoter score from fulfillment.

# Why Use Omni-Fulfillment?

## Real-time Financially Optimized Order Fulfillment

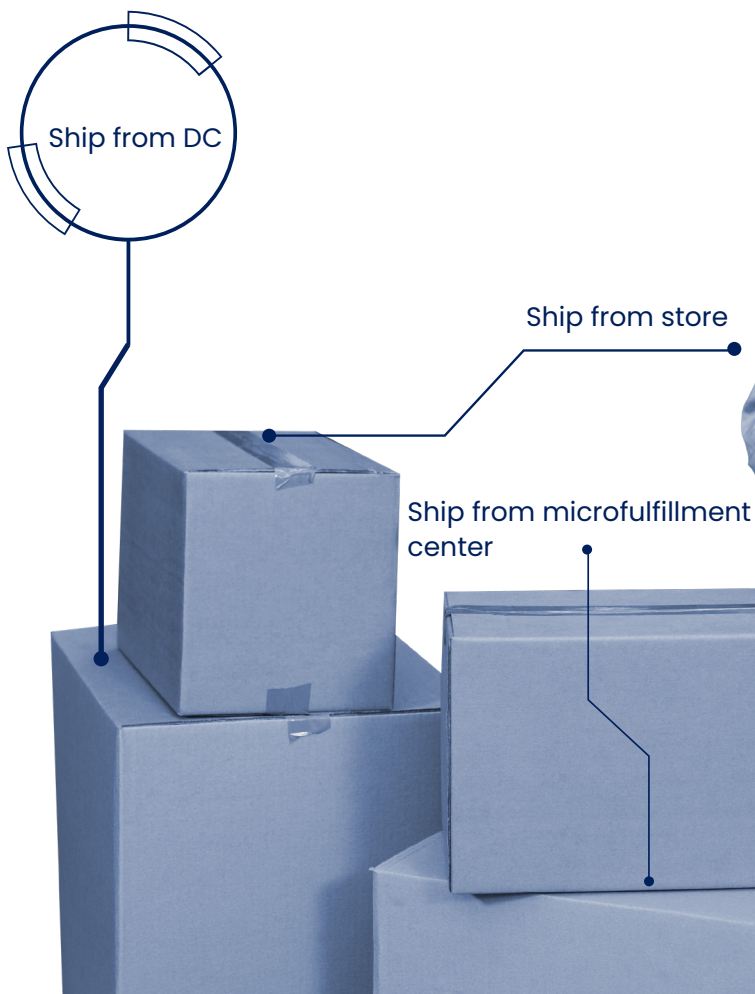
- ✓ Forecast driven fulfillment decisions balancing today's fulfillment costs vs. future availability of inventory to all the customers
- ✓ Increases net profitability of your omni-network by financially optimizing conflicting KPIs
- ✓ Maximizes the utilization of inventory in a financial optimization framework  
Minimizes fulfillment costs through dynamic optimization of today vs the rest of the season
- ✓ Provides a real-time, integration-to-order management systems.

## Forecast Future Fulfillment

- ✓ By product-day-store/catchment area
- ✓ With an end-to-end perspective to be more proactive
- ✓ To make future-looking fulfillment decisions.

## Delight Your Omni-Customers

- ✓ Fulfill your orders effectively, while improving speed, efficiency and responsiveness
- ✓ Meet your omni-customers' growing demands
- ✓ Find the most profitable inventory transaction point, from storage location to customer's delivery location.



# A/B Test Proven Client Results



**Reduce  
Fulfillment  
Cost**



**Increase  
in Revenue**



**Lower  
Inventory  
Decrease**



**Fulfillment Cost  
Reduction**



**Higher  
Sell-Through**

## 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.**

inventanalytics.ai  
info@inventanalytics.ai



**PHILADELPHIA**  
100 S Juniper Street Fl 3  
Philadelphia PA 19107-1316  
T: +1 484 423 4433

**LONDON**  
7 Bell Yard  
WC2A 2JR, London  
T: +44 20 3289 7264

**DUBAI**  
540 A Al Ghurair Centre  
Dubai, UAE  
T: +971 4 223 6565

**ISTANBUL**  
ITU Teknokent, ARI-2 A Blok  
No:302, Maslak, Istanbul  
T: +90 212 286 1025

**AMSTERDAM**  
Science Park 608  
1098XH Amsterdam  
The Netherlands  
T: +31 97010260098