

Make your Supply Chain Responsive with Dynamic Order Allocation

Frequently, businesses discover that their main warehouse cannot fulfill customer orders, necessitating time-consuming manual order transfers. A data-driven solution is essential for preserving OTIF and customer satisfaction due to the frequent occurrence of inventory stockouts and disruptions.

Introducing Tredence's Dynamic Sourcing Tool – During stockouts, our optimization engine dynamically assigns customer orders to alternate sourcing locations.

Firms can use our Sourcing Optimization tool to:

- Dynamically allocate customer orders to warehouses depending on business criteria and constraints
- Develop better labor and shipping capacity plans
- Provide planners with trade-off options to help them finalize their decisions
- Keep track of the KPIs and financial impact with order allocation and alternate sourcing

Reach out to us at alliances@tredence.com for a demo.

Tredence is an AI engineering and analytics company that focuses on the last-mile delivery of insights into actions by uniting its strengths in business analytics, data science, and software engineering.

Identify the optimal location to fulfill your customer orders



Stockouts Management

Handle stockouts by automatically allocating orders to the optimal DC



Optimized Fulfillment Costs

Maximize fill rates while accounting for customer penalties, shipping costs, and lead times



Improved Forecasts

Improve short-term and long-term forecasts by accounting for alternate allocations and ensuring that previous demand is realigned



Visualization

Keep track of fulfillment KPIs and the cost of sourcing from alternate locations



Analytics Augmented Workflows

Provide optimal reallocation recommendations and the impact of overriding them to planners

Business Impact



10% increase in order fill rate



10% reduction in the overall cost of order fulfillment

Tredence maximizes order fill rates at the lowest possible fulfillment cost, even during shortages.