

Atlas Planning Suite

Inventory Management

Inventory Management helps balance supply and demand in consumer-driven supply chains to decrease inventory cost while increasing service levels. It is an integral part of any successful end-to-end supply chain planning software solution.

- ✓ Optimize and Manage Inventory
- ✓ Automate and Manage by Exception
- ✓ Compare Inventory Scenarios

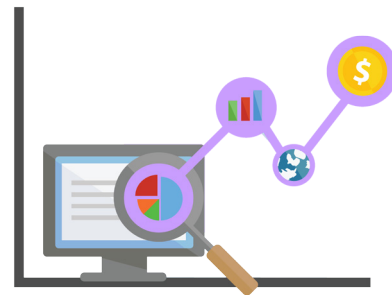


MEET DEMAND WHILE LOWERING INVENTORY

Today's demanding consumers won't tolerate stock outs and manufacturers need to turn inventory into cash. That's why advanced supply chain organizations use our Inventory Management module to meet varying customer demand and optimize their inventory investment.

AUTOMATE AND MANAGE BY EXCEPTION

The best way to focus on your business is to manage the inventory process by exception. John Galt Inventory Management gives planners visibility to existing orders that can be expedited, or excess inventory that can be transferred to meet a potential inventory shortage instead of opening a new order. This visibility and control lowers inventory needs while mitigating the risk of stock outs.



COMPARE INVENTORY SCENARIOS

Knowing where to invest in safety stock is a key component supply chain planning. John Galt Inventory Management provides simulation to see the impact of service level, coverage days, or lead time on inventory costs. These changes can then be applied as policies at each node or tier to your automatic calculation for replenishment.



Key Capabilities

INVENTORY PLANNING

- Aggregate inventory and projected inventory levels via inventory hierarchies
- Plan inventory replenishment on a monthly, weekly, or daily basis using synchronized time buckets
- Automatically calculate economic order quantities, lead times, and inventory levels using the intelligent planning advisor and user-defined business rules
- Consider profitability when determining optimal service level versus working capital
- Automatically determine supply side lead time variability
- Optimize inventory levels by product or product group
- Plan and model across your entire supply chain network

REPLENISHMENT PLANNING

- Automatically calculate time phased inventory projections as well as the recommended purchase, manufacturing, and transfer orders
- Provide automatic or user approved purchase or manufacturing order release based on revenue, cost, and margin
- Base calculations on lead time, customer service level, and inventory optimization parameters including multiple order quantity policies
- Manage multi-echelon distribution and replenishment with dynamic networks
- Combine both demand streams to reduce risk allowing for reduced variability
- Allocate inventory across locations and customers with Deployment Strategies
- Account for product shelf-life when considering inventory and projected inventory

VENDOR MANAGED INVENTORY

- Automatically define inventory levels required at each customer location
- Determine forecasts for your customer locations using POS and shipment data
- Calculate customer order release schedule
- Build truck and container loads for product movement
- Manage multi-level distribution and inventory replenishment plans by creating dynamic hierarchies

SAFETY STOCK ANALYSIS & SIMULATION

- Consider both demand and supply side variability when optimizing safety stock
- Take advantage of multiple types of safety stock calculations to handle both slow moving and fast moving seasonal and intermittent models
- Optimize safety stocks, service levels, reorder points, periods of coverage, and lead times to ensure peak inventory management performance
- Compare “What If” scenarios to analyze the trade-off between service level and inventory investment
- Use time phased safety stock to account for demand and supplier variability over the planning horizon

REPORTING & ANALYTICS

- Slice and dice information using sophisticated analytic reports to provide a complete inventory management picture

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