



Powering Efficient, Effective, & Competitive Supply Chain Plans

Atlas Planning Suite® Inventory Management

Meet Demand While Lowering Inventory Investments

Inventory is one of the largest capital investments every business makes. 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.

Planning Throughout the Entire Supply Chain

Whether your manufacturers and suppliers are local or abroad, the further out you can firm up requirements, the more they can prepare for future needs. Using a replenishment plan driven by orders and forecast, time-phased safety stocks, and a model of your multi-tiered network, planners can communicate needs to manufacturers and suppliers. The result is that lead times begin to shrink since they don't have to wait for an actual order to begin executing. Many retailers now want their suppliers to take an active role in planning their replenishment. With customer inventory positions and Point-of-Sale or shipment data, Inventory Management can determine if demand has shifted and modify plans as needed.

Operate at Peak Efficiency

Inventory misalignment is a constant struggle in consumer-driven supply chains. Without the right tools in place, companies frequently have high inventory levels and still miss customer service level requirements. With John Galt Inventory Management, you can proactively handle issues using Action Messages and resolve the most

critical exceptions first. Planners are alerted when there are critical under-stocks in the future as well as when orders should be delayed or cancelled. Options for alternate sources or expedite modes can be configured by product and location.

Streamline Planning Processes

There are two important aspects related to the finished product replenishment plan: material planning and load building. Getting dependent demand right is critical for many businesses, especially regarding kits, accessories, and key raw materials or active ingredients. John Galt Inventory Management time-phased bill of materials handles these cases and contributes to improved supply chain performance. Once the recommended orders are ready for release, the Load Builder assigns orders to shipments using constraints like cost, weight or cubic footage. Planners can build full containers with the right mix of products by supplier to avoid consolidation costs.

Solution Benefits

- Immediate visibility into excess inventory with alerts
- Transfer recommendations reduce excess inventory
- 5-10% initial inventory reduction plus ongoing annual reductions
- Automated replenishment planning for multi-tiered networks.
- Configurable Action Messages for handling exceptions
- Seamless integration with order management, demand planning, and procurement.
- Optimized safety stock levels account for demand uncertainty
- Multi-tiered network with time-phased shipping and receiving calendars

Automate, Manage by Exception and Alert

With constantly increasing products and locations, 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. Likewise, if customer orders have not materialized as planned, purchase orders can be delayed, avoiding unnecessary inventory build. The key is to allow planners to see potential future problems and take action now.

Safety Stock Simulation

Knowing where to invest in safety stock is a key component of 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.

Integrate Data from Internal and External Sources

With our Inventory Management it's easy to manage data from other systems as well as external sources, such as Point-of-Sale (POS) and data from customers or expected receipts from suppliers. The Data Loader provides quick and easy integration with other enterprise applications including SAP, Oracle, Microsoft and JDE. Customer orders, forecast, purchase orders, and master data are imported into Inventory Management and replenishment plans are published to ERP.

Powerful Capabilities Create Improved Inventory Plans

With Inventory Management, your team will have the tools to improve inventory turns, eliminate obsolete inventory and reduce unnecessary logistics costs. Inventory Management includes the ability to:

- Automatically calculate inventory replenishment and manufacturing orders based on lead time, customer service level and inventory optimization parameters.
- Provide automatic or user approved purchase or manufacturing order release based on revenue, cost and margin.
- Plan inventory replenishment on a monthly, weekly or daily basis using synchronized time buckets.
- Manage multi-echelon distribution and inventory replenishment plans.
- Apply calendars for shipments and arrivals by location or lane for accurate lead times.
- Optimize safety stock, service levels, reorder points, periods of coverage and lead times to ensure peak inventory management performance.
- Consolidate orders into logical shipments by optimizing on constraints like cost, weight or dimensions.

A Foundation for Inventory Management Programs

At John Galt we've helped hundreds of customers build a solid foundation for advanced inventory management programs. Regardless of whether your organization is involved in Vendor Managed Inventory (VMI), Just-in-Time Inventory (JIT), Efficient Consumer Response (ECR) or Collaborative Planning, Forecasting and Replenishment (CPFR), our Inventory Management module is ready to support your needs.

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More than ever before, companies must be able to sense and respond to the dynamics of a consumer-driven supply chain. The Atlas Planning Suite provides a comprehensive demand planning and inventory management solution that helps you increase forecast accuracy, optimize inventory levels and maximize supply chain performance. These results are achieved with unsurpassed speed since each one of our modules is designed to be implemented in 4 weeks or less without a large scale consulting effort.