

New Horizon Supply Planning

Plan with Agility from End to End

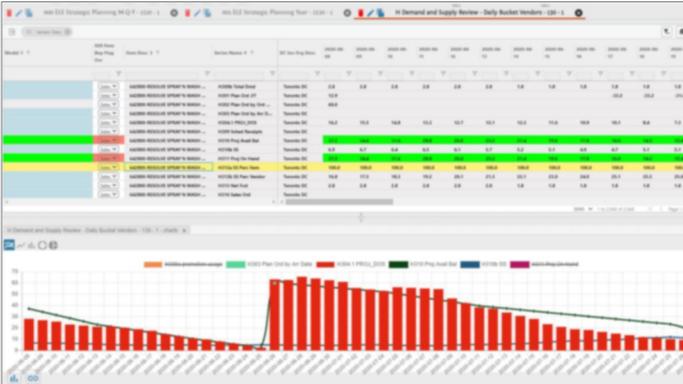
Comprehensive Planning Across Your Supply Chain

Today’s increasingly complex supply chains, combined with heightened demand and supply uncertainty, require that companies invest in becoming more agile. Organizations must be able to quickly adapt supply plans in response to changes in both demand and supply to maintain product availability and minimize costs.

New Horizon Supply Planning (SP) provides an end-to-end supply planning solution for companies to plan capacity, procurement, distribution, truck loading, and allocation. With SP, you can increase the agility of your supply chain and be more responsive to business conditions.

Plan Future Supply Needs Using Rough-Cut Capacity Planning

When planning for the long term, companies need to project resource and labor needs at an aggregate level so they can plan capacity accordingly. SP’s rough-cut capacity planning enables you to plan supply at the product family level on a monthly, quarterly, or annual basis. This way, you can evaluate alternative scenarios quickly and focus on the big picture.



New Horizon Supply Planning

Generate Supply Plans That Meet Multiple Constraints

SP automatically generates supply plans based on configurable supply and safety stock policies. Supply policies include reorder point, economic order quantity, and min-max.

SP also respects a range of constraints at the planned order (e.g., batch run), line item (e.g., minimum batch quantity, order multiple), and item group (e.g., minimum batch quantity for related items) levels.

After SP generates plans, planners need only review and approve them. The result is plans that minimize inventory and costs while increasing planner productivity.

Determine Safety Stock More Accurately

Robust safety stock optimization is critical for minimizing inventory while meeting service level commitments. New Horizon has introduced a number of enhancements in this area. Our Adaptive Selection™ technology excludes outlier demand data to calculate demand variance more accurately. The solution automatically selects the best approach for lead time variance computation and reports any abnormalities. Safety stock is adjusted based on seasonality.

Rebalance Inventory Before Increasing Production

Organizations with multiple distribution centers (DCs) often purchase goods or make new batches when they



KEY CAPABILITIES

- Rough-cut capacity planning
- Automatic generation of ordering plans
- Conformance with order, line item, and item group requirements
- Reorder point, economic order quantity, and min-max supply policies
- Automatic outlier detection for more accurate demand variance calculation
- Automatic selection of best lead-time variance computation
- Automatic safety stock adjustment based on seasonality
- Automated truck and container loading optimization
- Automatic balancing of inventory across DCs before increasing production
- Alternate sources recommended where profitable
- Consolidation of orders for international purchasing
- Post-mortem analysis

KEY BENEFITS

- Increase service levels by 5-15%
- Reduce inventory by 4-20%
- Increase revenues
- Reduce freight costs
- Improve supply chain agility
- Improve planner productivity by automating order planning, analysis, and truck loading processes

might be better off simply transferring goods from one DC to another. SP enables planners to evaluate transfer scenarios. Where appropriate, you can balance supplies across DCs before resorting to new purchases or production, thus reducing working capital and inventory carrying costs.

Reduce Costs Through Optimal Batch Runs

Often there is a need to make products in optimal batch mode to reduce labor costs, reduce changeover times, and increase asset utilization. This can be done by increasing production quantities or combining similar products in the same run. New Horizon addresses batch runs during the planning process to take full advantage of all possibilities.

Plan for Contract Manufacturing With Optimal Truck Loading

In outsourced manufacturing environments, most supply chain teams leave load planning to the time of transportation execution, at which point it may be too late to carefully load trucks to minimize freight costs. New Horizon addresses truck loading during the planning process in order to optimally build full truck and container loads for delivery to multiple drop-off points. SP takes into account weight, cube, pallet, and case constraints to come up with an optimal loading plan.

Continuously Improve Operations Using Post-Mortem Analysis

Even with the best plans, stock-outs and inventory excesses occur. SP gives you the ability to analyze the root cause of exception conditions. Users can look back in time and see how a decision was made and how demand and supply changed over time. With the resulting analysis, you can take corrective action to minimize repeat problems.

New Horizon – The AI Planning Suite

Supply Planning is just one application in New Horizon's comprehensive planning suite. The New Horizon Suite brings a more modern approach to supply chain planning software. We leverage the latest advances in AI, machine learning, and cloud technologies to offer better plans, a more intuitive user experience, and quicker, less expensive implementations. The result is superior service levels, reduced inventory, faster time to value, and lower TCO. New Horizon – The AI Planning Suite™.

To learn more:

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