

SADDLE POINT TECHNOLOGIES

Cloud Based Integrated Supply Chain Planning and Optimization Suite

Building Operational Efficiency in Complex Supply Chains



Inventory Optimizer

Saddle Point Technologies offers an integrated cloud based supply chain planning and optimization suite that are used for optimizing complex supply chain planning processes.

- Addresses processes like Sales, Distribution, Production and Procurement
- Caters to Strategic, Tactical and Operational levels of planning
- Extremely easy to use with spreadsheet like functionalities
- KPI dashboard for industry standard Supply Chain metrics
- Cloud solution with a SaaS offering
- Integrated with leading ERP systems like SAP, Netsuite and Exact

<p>SCP Cloud Suite</p>  <p>Cloud based end-to-end integrated Supply Chain Planning and Optimization Suite with a SaaS offering.</p>	<p>Demand Planner</p>  <p>Collaborative Demand Planning with Forecasting, Promotions Planning, NPI and Sentiment Analysis modules.</p>	<p>Supply Chain Optimizer</p>  <p>Generate a low cost fulfillment plan by reducing supply chain costs like production, transportation, inventory and procurement .</p>	<p>Inventory Optimizer</p>  <p>Reduce inventory cost by determining optimal inventory levels based on SLAs, lead time and demand and supply variability.</p>
<p>Procurement Optimizer</p>  <p>Minimize total procurement cost across all vendors by considering volume discount and constraints like Lot size, MOQ, Min-Max quota</p>	<p>Production Planner</p>  <p>Generate capacity and material feasible production plans (Rule based Heuristics) or optimal production plans (Optimizer based)</p>	<p>Transportation Optimizer</p>  <p>Minimize total transportation cost by using fleet capacity efficiently, consolidating loads and better rake/truck requirement planning.</p>	<p>Production Scheduler</p>  <p>Create constrained production schedule with make span minimization based on job shop, flow shop and hybrid layout.</p>
<p>Vehicle Route Planner</p>  <p>Generate feasible and optimal routes based on constraints like delivery time windows, pickup or delivery, vehicle capacity etc.</p>	<p>Workforce Optimizer</p>  <p>Allocate workforce optimally to multiple projects based on resource costs, skill-set levels, learning curve, transition cost.</p>	<p>Shift Scheduler</p>  <p>Generate a feasible shift schedule by adhering to shift assignment rules like maximum consecutive night shifts, forbidden shifts etc.</p>	<p>Facilities Planner</p>  <p>Find the best location for a new plant or warehouse from a list of candidate locations that optimizes the supply chain.</p>



Inventory Optimizer

Inventory optimizer uses advanced statistical formulations and simulation techniques to arrive at the optimal inventory level at a particular location or in a multi-echelon network.

Features:

- Determining location specific optimal inventory levels
- Optimal inventory levels in a multi-nodal and multi-echelon network
- Optimal Raw Material inventory levels through BOM explosion and Simulation
- Safety stock requirement for Demand variability
- Safety stock requirement for Supply lead time variability
- Inventory level to meet Customer Service level agreements
- Inventory requirement during Replenishment lead time
- Integrated with demand planning and downstream planning modules

