

Saddle POINT Technologies

Cloud Based Integrated Supply Chain Planning and Optimization Suite

Building Operational Efficiency in Complex Supply Chains



Demand Planner

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

SCP Cloud Suite



Cloud based end-to-end integrated Supply Chain Planning and Optimization Suite with a SaaS offering.

Demand Planner



Collaborative Demand Planning with Forecasting, Promotions Planning, NPI and Sentiment Analysis modules.

Supply Chain Optimizer



Generate a low cost fulfillment plan by reducing supply chain costs like production, transportation, inventory and procurement .

Inventory Optimizer



Reduce inventory cost by determining optimal inventory levels based on SLAs, lead time and demand and supply variability.

Procurement Optimizer



Minimize total procurement cost across all vendors by considering volume discount and constraints like Lot size, MOQ, Min-Max quota

Production Planner



Generate capacity and material feasible production plans (Rule based Heuristics) or optimal production plans (Optimizer based)

Transportation Optimizer



Minimize total transportation cost by using fleet capacity efficiently, consolidating loads and better rake/truck requirement planning.

Production Scheduler



Create constrained production schedule with make span minimization based on job shop, flow shop and hybrid layout.

Vehicle Route Planner



Generate feasible and optimal routes based on constraints like delivery time windows, pickup or delivery, vehicle capacity etc.

Workforce Optimizer



Allocate workforce optimally to multiple projects based on resource costs, skill-set levels, learning curve, transition cost.

Shift Scheduler



Generate a feasible shift schedule by adhering to shift assignment rules like maximum consecutive night shifts, forbidden shifts etc.

Facilities Planner



Find the best location for a new plant or warehouse from a list of candidate locations that optimizes the supply chain.



Demand Planner

Demand planner is a collaborative demand planning solution that uses advanced statistical algorithms for forecasting on a collaborative platform that is used by multiple stakeholders to generate a consensus forecast.

Features:

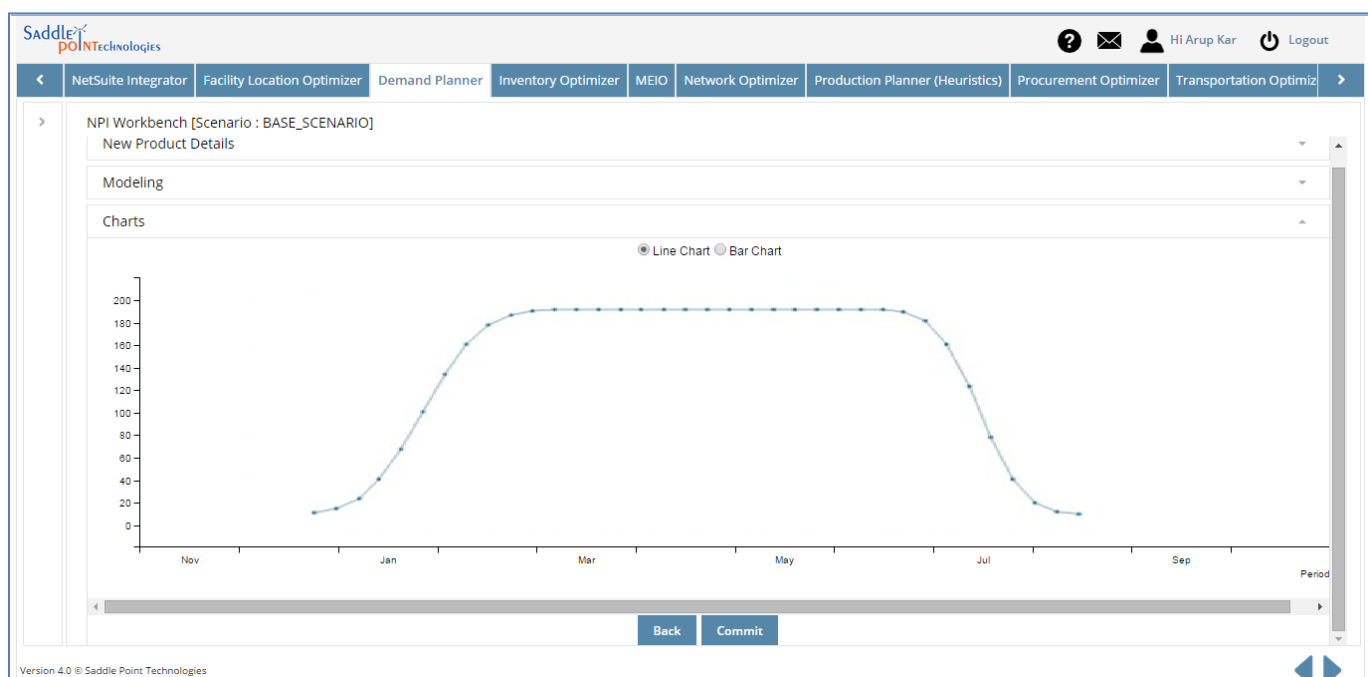
- Collaborative demand planning on the web
- Statistical forecasting with causal and time-series methods
- Multiple levels of aggregation/disaggregation
- Algorithms for sporadic and intermittent demand
- Automatic outlier detection
- Selection of best-fit model
- NPI modeling based on Alike and Graphical methods
- Promotions planning
- Integrated Sentiment analysis from social media
- Spreadsheet like functionality (Formulae and Functions)



New Product Introduction (NPI):

For new products or for products where historical data is not available, the NPI sub-module is used to forecast the sales so that downstream processes can be planned.

- Alike modeling with automated adjustments for horizon and volume
- Graphical modeling based on projected volume or run-rate



Promotions Planning:

Demand shaping using promotions and finding the impact of promotional budget on the uptake.

- Estimating the impact of promotional budget on the uptake
- Forecasting the Baseline forecast that captures the true data pattern sans promotions

Sentiment Analysis:

Sentiment analysis gathers social intelligence from social media platforms like twitter and builds the competitive intelligence into judgmental forecasts.

