

## Transport Optimizer

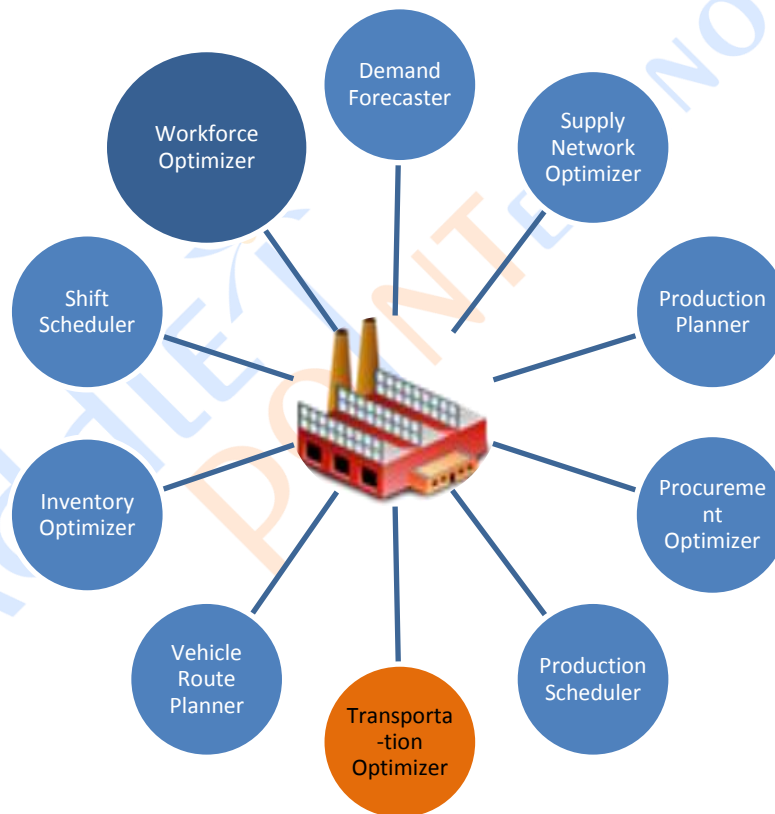
The objective of the Transport Optimizer is to select the optimal transport modes and optimal quantity to be shipped on each mode between nodes in a network while minimizing total cost without violating capacity, inventory, lead time, full truck load, rake size constraints etc.

### Key Questions answered

- What is the optimal transport mode?
- What is the optimal quantity to be shipped on each mode?

### IBP Cloud Suite

Saddle Point IBP Cloud Suite is a fully integrated, easily configurable and feature rich cloud based planning suite with a SaaS offering. Transport Optimizer module is part of the planning suite helping in selecting optimal transport modes and quantities to be distributed on them.



### Features

- Integrated planning for a multi echelon transport network
- Multiple transport modes (trains, trucks, air etc.) with different capacities

- Fixed and Variable cost for each transport mode
- Option to select full load or partial load for each mode
- Transport lead time
- Target inventory or safety stock in units or days of sales inventory (DSI)
- Averaging period for days of sales inventory
- Possibility for late delivery and permissible late horizon
- Customer and product specific non delivery penalty
- Option for planning in daily, weekly and monthly buckets
- Possibility to integrate with 'Saddle Point Vehicle Router and Scheduler' to get a detailed route and schedule for each vehicle
- Scenario planning with multiple versions of data