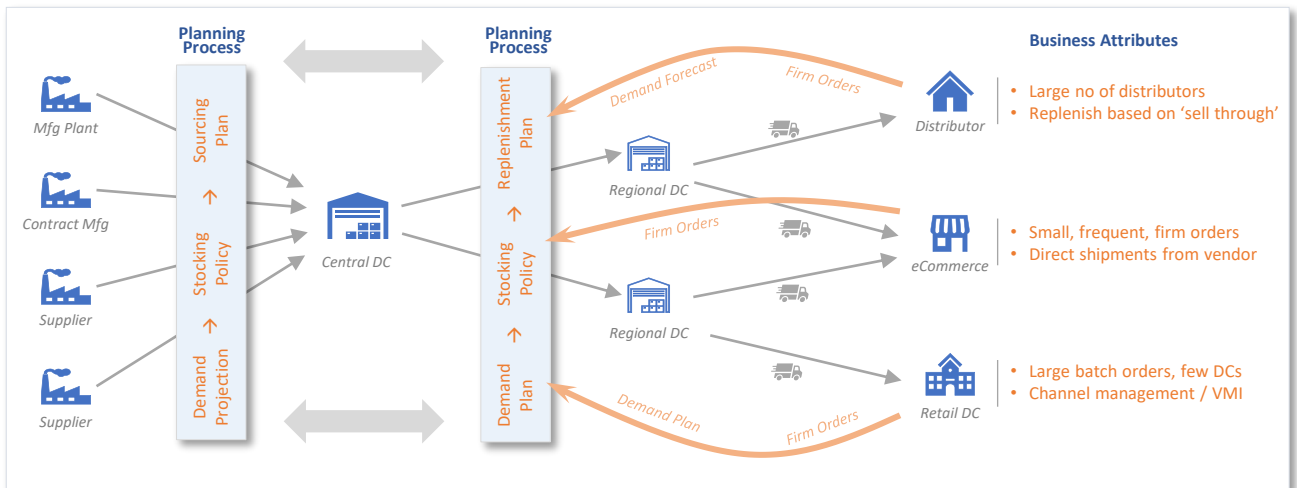


Replenishment Planning: Optimize demand fulfillment



Meet demand. Manage inventory. Optimize supply.

Inputs & Considerations

- **Customer demand** ... types, firm orders, demand forecasts across time (weeks, months, etc.)
- **Time buckets** ... demand & supply data across telescoping time periods (days, weeks, months, etc.)
- **Stocking policy** ... safety stock levels by SKU & location
- **On-hand inventory** ... current & in-transit
- **Transportation** ... modes, costs & lead times
- **Business rules** ... sourcing rules, customer priorities, allocations, batch sizes, etc.

Solution Output

- **Demand fulfilment** ... plan for satisfying maximum customer demand based on priorities & constraints
- **Replenishment plan** ... detailed plan of incoming supply to a stocking location by quantity & timing
- **Shipment plan** ... optimal choice of mode & quantity of product shipped from a source to a destination
- **Inventory levels** ... right quantity of stock at each location to satisfy demand & meet stocking policy
- **FG requirements plan** ... optimal plan for sourcing & manufacturing products to meet business needs

Operating Costs

Minimize shipping & storage costs by having right product at right place

Revenue

Ensure on-shelf product availability to maximize order fulfilment

Cash Flow

Maximize inventory turns through 'agile stocking & replenishment'

Spashta Replenishment Planner

- **Efficacy** ... consider *all dimensions* of the problem with a *self learning* solver
- **Speed** ... solve large & complex problems *in minutes* (vs. hours & overnight runs)
- **Agility** ... perform rapid "*what-if scenarios*", fine tune *business rules* & use "*anchored planning*"

Highlights

- ❖ **Fluid architecture** with components & layers to easily address your unique business problems
- ❖ **High performance solvers**, algorithm libraries & interactive scenario management
- ❖ **Boundaryless planning** ... leverage standard "solution templates" + customize to business problem
- ❖ **Flexible integration** options & implementation within existing IT ecosystem

Quick Implementations | Executable Plans | Improved ROI