Planning | BaxterProphet

Customers are demanding faster service responses while corporate directives are dictating less inventory at a lower cost.

Organizations balancing these two competing objectives require a sophisticated planning solution that intelligently comprehends changes in products, customer installed base, and inventory availability.

BaxterProphet, part of the BaxterPredict platform, provides inventory planning for Service Supply Chains (SSCs).

Forecast demand, optimize target stock levels, and integrate with other systems to execute supply, replenishment, and repair orders for each part across your entire SSC.
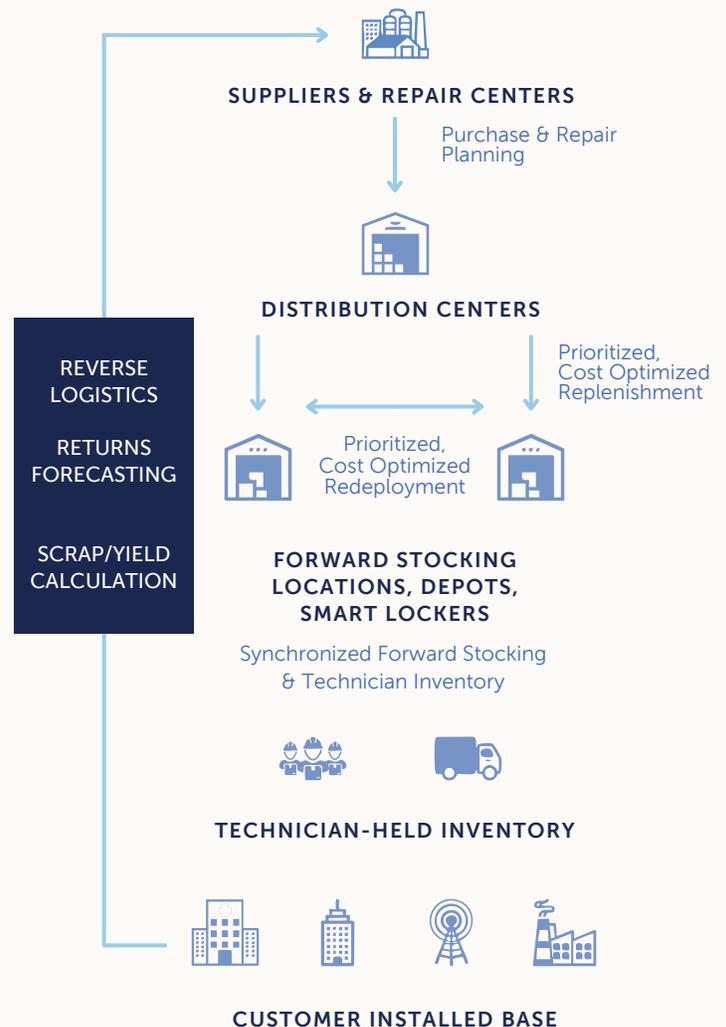
Our Total Cost Optimization approach accounts for stockout costs such as service penalties, expedited freight, and lost sales, in addition to other common inventory planning variables, like forecasted and outlier demand, order cost, carrying cost, and lead times.

Exceed same-day and next-day service level goals with the minimum level of inventory and expediting with our planning solution.

Our planning solution enables you to:

- Minimize inventory & transportation costs while achieving optimal service levels.

- Model cost & service performance trade offs.

- Free up working capital locked in excess inventory.

- Improve inventory planner productivity by 40%.

- Reduce inventory carry costs by as much as 35%.

Service Supply Chain Complexity

SUPPLIERS & REPAIR CENTERS

Purchase & Repair Planning

DISTRIBUTION CENTERS

Prioritized, Cost Optimized Replenishment

Prioritized, Cost Optimized Redeployment

REVERSE LOGISTICS

RETURNS FORECASTING

SCRAP/YIELD CALCULATION

FORWARD STOCKING LOCATIONS, DEPOTS, SMART LOCKERS

Synchronized Forward Stocking & Technician Inventory

TECHNICIAN-HELD INVENTORY

CUSTOMER INSTALLED BASE

BaxterProphet in Action

Automatically see if a part or material needed was available (hit) or not available (miss) in the optimal location at the time a customer demand occurred.

BAXTER PLANNING™

Key Features

AUTOMATE NPI AND EOL PLANNING WITH AI

Leverage AI and large data sets to accurately predict product installed base and spare parts demand far into the future.

LOGISTICS NETWORK OPTIMIZATION

Identify and maintain the ideal logistics network and associated rules to accurately map demand and service contracts to sites based on business objectives.

FORECASTING

Forecast demand based on historical data in addition to current and projected service contracts to prevent excess and backlogs.

INVENTORY OPTIMIZATION

Calculate ideal target stock levels using our Total Cost Optimization approach by modeling part, site, and customer criticality attributes.

REPLENISHMENT & REDEPLOYMENT

Execute replenishment and redeployment orders to balance field service inventory planning within the logistics network. Calculate the real and potential costs of each backlog to optimally deploy spare parts inventory.

SUPPLY ORDER AUTOMATION

Fulfill purchase and repair orders to ensure inventory availability while considering calculated scrap rates, supplier performance, and budgetary constraints.

LIFECYCLE MANAGEMENT

Plan for the key service lifecycle management events of new product introduction (NPI) to ensure inventory availability at first customer ship and end-of-life (EOL).

EXCESS MANAGEMENT

Identify surplus material that can be utilized, sold, or scrapped.

PLANNING ANALYTICS

Improve operations with ongoing review of hit rate service misses and KPIs such as fill rate and service level. This helps to prioritize corrective actions and continuously identify opportunities for improvement.

WHY BAXTER PLANNING?

Practitioner Expertise
Decades solving real-world Service Supply Chain problems

Purpose-Built Technology
End-to-end platform embedded with specialized AI and Data Core

Industry-Leading Outcomes
Combination of technology and partnership yield accelerated results

ABOUT BAXTER PLANNING

Baxter Planning is a global leader in Service Supply Chain software, delivering a Service Experience Advantage to the world's most innovative enterprises for over 30 years.

The end-to-end BaxterPredict platform empowers organizations to optimize service parts planning, execution, and resolution, driving superior customer experiences, fostering long-term loyalty, and fueling business growth.

By combining purpose-built technology, award-winning AI, decades of practitioner expertise, and a commitment to true partnership, Baxter Planning consistently delivers industry-leading outcomes for its clients.

The company is headquartered in Austin, Texas, United States, with offices around the globe.

For more information, visit www.baxterplanning.com.