BaxterProphet.ai

Predicting how much inventory to buy for a new product (NPI) or a product nearing the end of its lifecycle (LTB), is a difficult decision.

Buy too much inventory and you increase the likelihood of absorbing unnecessary excess and obsolete part costs. Buy too little inventory and your customer satisfaction and brand may suffer. Planning complexity increases when spare parts are found on multiple bills of materials (BOM) for products at different stages in their lifecycle.

The miscalculation of these buys can reduce revenue, increase costs, add risk to meeting service level agreements (SLA's), and impact achieving sustainability goals.

With our AI-powered planning solution, BaxterProphet, planners can take the guesswork out of the equation and make more confident product lifecycle inventory purchase decisions.

Al helps achieve more accuracy with very little sales history or even when a product is 25% or less through its lifecycle. The ML models are trained to identify similarities in the lifecycle shapes and produce a series of predictive clusters. Historical demand is mapped to a cluster and used to generate the rest of the lifecycle curve with unprecedented accuracy compared to standard forecasting approaches.

With BaxterProphet's AI solution, Service Supply Chain leaders, can:

- Reduce On-Hand Inventory Spend by 12% – Minimize excess stock and free up capital.
- Improve Lifecycle Inventory Purchase Forecasts by 95% – Ensure more accurate planning at every stage.
- Increase Planner Productivity by 43% Empower planners with Aldriven efficiency.
- Maximize Uptime Ensure service parts availability to keep operations running smoothly.
- Enhance Customer Satisfaction Deliver on service commitments with confidence.



BaxterProphet.ai In Action

See lifecycle projections for one material used in two different products at two different stages in a single view

Key Features

PRODUCT LIFECYCLE PROJECTION ON INSTALLED BASE (IB)

Achieve 90%+ accuracy in new lifecycle projections automatically based on high quality installed base data.

MATERIAL LIFECYCLE PROJECTION **ON DEMAND HISTORY**

Reduce errors and develop more accurate lifecycle projections using models trained on demand history data.

ADVANCED NPI WORKFLOWS

Increase planner productivity with automatically generated NPI lifecycle projection using sales forecasts, BOM explosion, and fail rate data.

ADVANCED EOL/LTB WORKFLOWS

Identify excess inventory earlier in the lifecycle by understanding the difference between repair yield and demand in your installed base.

UNIFIED WITH BAXTERPREDICT

Maintain plan integrity with unified forecasting data to make purchase order suggestions while keeping your NPI supply plans up to date.

PREDICTIVE ALERTS & ANALYTICS

See potential problems in lifecycle plans sooner to take corrective actions on stockouts post-LTB, projected excess at end of service (EOS), product support cost projections and more.

WHY BAXTER PLANNING?



Practitioner Expertise

Decades solving real-world Service Supply Chain problems

Purpose-Built **ຳ**ເຈົ້ 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.