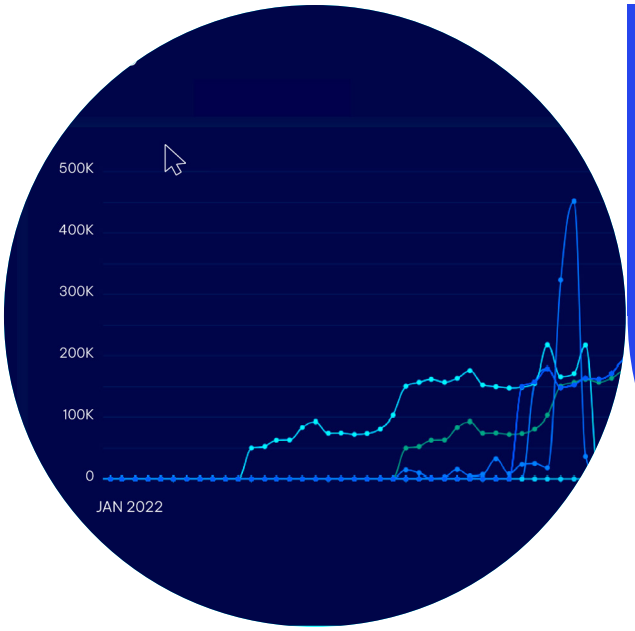
BlueCherry
by CGS

BlueCherry AI Planning solution



Overview

BlueCherry AI Planning is an advanced demand-supply planning solution tailored for the fashion, retail, and consumer lifestyle products industry. It leverages AI-powered forecasting and inventory optimization to help businesses stay agile, profitable, and competitive in a rapidly evolving market.

The platform addresses challenges such as unpredictable consumer behavior, complex supply chains, and short product cycles by providing actionable insights and automating key planning processes.

Key features and benefits

AI-powered forecasting engine

- Accurately predicts market demands using advanced AI algorithms that factor in external influences like weather, events, and economic indicators. Make data-driven decisions to optimize inventory levels and reduce stockouts or overstocking.

Advanced inventory optimization

- Dynamically calculate inventory targets based on demand volatility, lead times, and carrying costs. Reduce costs, improve cash flow, and minimize markdowns by maintaining optimal inventory levels.

Collaborative supply planning

- Enable real-time collaboration with suppliers through a dedicated portal and optimize procurement planning based on cost, lead time, and reliability. Mitigate supply chain risks while enhancing operational efficiency.

Integrated business planning (IBP)

- Align financial planning with operational strategies through seamless integration and real-time impact analysis of decisions. Achieve better alignment between departments while improving profitability

Only BlueCherry offers

Industry-specific AI algorithms: BlueCherry AI Planning is uniquely tailored for the complexities of fashion, retail, and consumer lifestyle products industries.

Omni-channel planning capabilities: Incorporates sales data across retail, e-commerce, wholesale, and other channels for comprehensive visibility.

Seamless integration with BlueCherry ERP: Fully integrates with BlueCherry ERP for centralized data management and automation.

Decades of industry expertise: Our team brings decades of hands-on experience in fashion, retail, and consumer goods, providing clients with best practices, proven guidance, and support tailored to the industry's unique planning challenges.

Use cases

Demand forecasting for seasonal trends: Retailers can use AI-powered forecasting to predict demand during peak seasons (e.g., holidays) and adjust inventory levels accordingly.

Supplier collaboration for risk mitigation: Businesses can leverage the supplier portal to reduce variability in orders and ensure consistent product availability across locations.

Multi-channel inventory optimization: Balance inventory across retail, e-commerce, and wholesale channels with real-time data, ensuring optimal stock levels and a consistent customer experience.

Financial and operational scenario planning: Run "what-if" scenarios to align financial and operational plans, enabling proactive decisions and rapid response to market changes or supply disruptions.

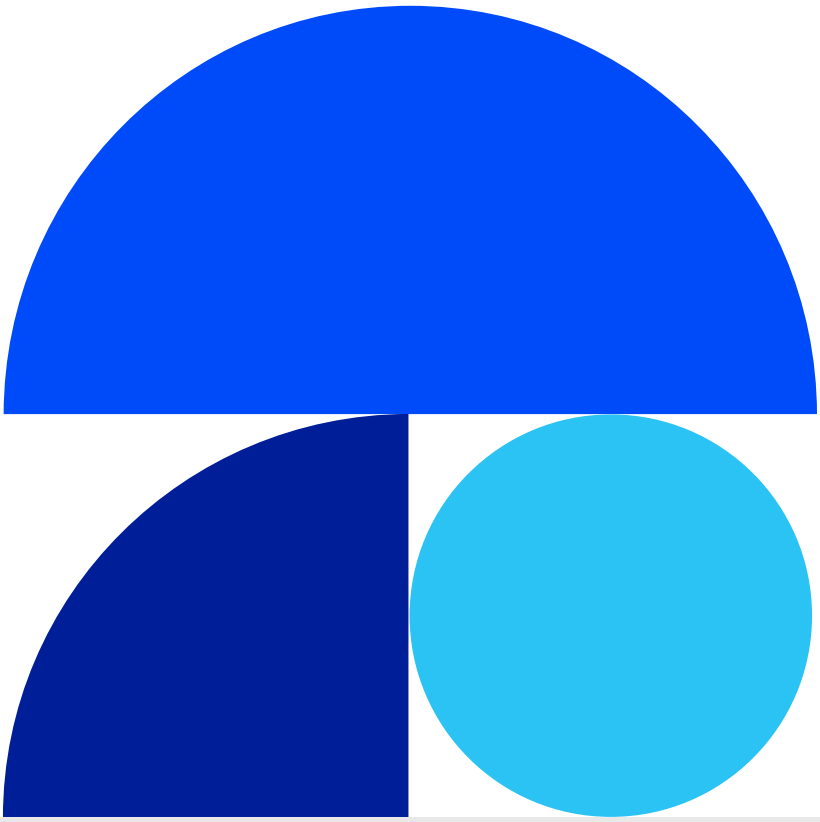
Technical specifications

Cloud-native architecture: Built on a secure, scalable cloud platform, enabling real-time access, centralized management, and rapid deployment across global business units.

Advanced AI/ML engine: Utilizes proprietary and open-source machine learning libraries for demand forecasting, inventory optimization, and scenario modeling, supporting integration of external data sources (e.g., weather, events, economic indicators).

RESTful API framework: Provides secure, standards-based APIs for real-time data exchange with ERP, CRM, POS, and third-party systems, supporting JSON and XML data formats.

Role-based access control (RBAC): Implements granular user permissions and audit trails to ensure data security, compliance, and controlled collaboration across internal and external stakeholders.



Ready to transform your production process?

Schedule a personalized demo today to see how BlueCherry AI Planning can make your business more profitable, agile, and competitive!

