



Assortment Planning

AI-powered. Highly visual.
Built for precision.

Business context

Assortment planning is no longer a seasonal task—it's a strategic lever. Merchants are expected to shape brand identity, drive margin and localize assortments with surgical precision. But increasing complexity—from SKU proliferation and regional variability to omni-channel execution—makes that mandate harder to fulfill.

Success now hinges on how quickly teams can adapt. When preferences shift or constraints hit, merchants must act with intelligence, not just urgency. The challenge is shrinking the gap between insight and execution—without compromising strategy.

The Blue Yonder solution

Blue Yonder's Assortment Planning solution empowers merchants to plan with precision and purpose—translating strategic intent into store-specific execution. Built on the Blue Yonder Platform, it delivers seamless interoperability across financial, allocation, space, and replenishment planning—ensuring every product decision is aligned, executable, and profitable.

The solution's visual cockpit gives merchants a curated, image-rich view of every product, plan, and performance metric—all in one actionable interface. Instead of toggling between disconnected tools, planners work from a unified source of truth that keeps them focused on what matters: shaping assortments that balance customer demand, brand identity, and financial targets.



Key benefits

- Align strategy and execution across assortment, financial, space, and supply plans
- Reduce markdowns and overbuying with smarter, localized assortment choices
- Empower merchants to shape strategy—not manage spreadsheets—with AI guided workflows
- Improve planner productivity by eliminating manual steps and version control headaches
- Create assortments that reflect customer demand and brand identity—store by store

At the heart of the experience is an intelligent, agentic workflow—acting as a built-in copilot. It guides users through key decisions step by step, surfacing AI-driven recommendations, flagging risks, and applying financial guardrails. Whether they're phasing in new items or fine-tuning store clusters, planners make smarter choices faster—with confidence and control.



Where legacy tools demand manual updates and static spreadsheets, Blue Yonder automates the routine and accelerates the strategy. Planners gain access to real-time insights, dynamic rollups, and “what-if” simulation tools that bring financial clarity to every scenario. No more versioning chaos. No more reconciling data across silos.

Instead of spending time maintaining plans, teams spend time shaping them—curating localized assortments, adapting to market signals, and making decisions that drive growth. For the business, that means shorter planning cycles, better inventory investments, and tighter alignment between what's planned and what performs.

Capabilities

Visual planning workspace

Empowers planners with a centralized view of product details, images, financial targets, and performance—so they can plan in context, not in silos

AI-guided decision-making

Delivers embedded intelligence that recommends actions, flags risks, and ensures each step aligns with financial and strategic objectives

Localized assortment creation

Supports flexible clustering, phased launches, and demand-based ranging—tailored down to the store level to drive relevance and margin

Strategic placeholder planning

Enables teams to plan ahead with placeholders, maintaining flexibility until closer to launch when real-time signals can guide finalization

Scenario simulation and hindsight analysis

Allows planners to model future scenarios and learn from past outcomes—improving decisions and reducing repeated mistakes

Cross-functional planning

Connects seamlessly with MFP, allocation, space, and replenishment to ensure every plan is executable and financially aligned



Key features

- Assortment line cockpit provides unified, image-rich planning interface
- Agentic workflows offer guided decision support
- Automated clustering and demand scoring generate store-level assortment logic
- Placeholder item support allows for planning early, and finalize late
- What-if simulation engine to test impacts of plan decisions
- Dynamic rollups and reconciliation aligns plans to financial targets
- Buy quantity and pack size optimization
- Interoperable architecture on Blue Yonder. Platform allows for seamless integration and scale across planning layers