



Cognitive Integrated Business Planning

It Is Time To Move Beyond the Traditional Sales & Operations Planning

Business context

Businesses and supply chains continue to face unprecedented challenges and opportunities, making end-to-end business planning more critical to get right than ever before. But when supply chain managers get bogged down in tedious data collection, creating complex scenario plans in offline spreadsheets, manually creating and evaluating options, and following up in between meetings, speed and agility remain out of reach.

To successfully balance profitability, market realities and volatile customer expectations, enterprises need to move to an integrated process that prioritizes agile and effective decision making — driven by intelligent automation, AI-powered insights, real-time stakeholder collaboration and end-to-end coordination. It's time to move beyond fixed planning cycles and functional silos towards a solution that enables accurate and optimized planning with real time decision-making that delivers an immediate improvement on strategic KPIs.

The Blue Yonder Solution

Cognitive Integrated Business Planning (Cognitive IBP) is a cloud-native, microservices-based SaaS solution for strategic business and supply chain planning. It brings together Blue Yonder's market-leading planning technology and expertise across demand, supply, and inventory with the latest cloud technology from Microsoft and a unified data cloud, Powered by Snowflake, to deliver seamless coordination across planning teams, higher quality plans, more relevant AI-driven insights, and autonomous scenario planning. The result is real-time decision-making that drives increased revenue, higher profitability, improved customer satisfaction and cost savings through inventory and waste reduction across the supply chain.

Measurable Impact

Higher growth

2.5%

Increase in revenue

More savings

40%

Reduction in costs related to inventory and logistics

25%

Savings through one time reduction of inventory

Better performance

50%

Improvement in strategic planner efficiency

50%

Boost in plan quality and accuracy

Solution Capabilities



Embedded risk and opportunities: Institutionalize and improve risks and opportunities management through true digital capabilities to record, enrich with data and analyze all relevant assumptions embedded in the planning tool.



Autonomous scenario planning: Super charge forecast adaptability through rapid configuration of external data feeds and influencing factors, with actionable insights to support explainability.



Network subsetting: Accelerate decision-making by contextualizing scenarios to specific parts of the supply network without wasting time analyzing the entire network.



Process drumbeat orchestration: Facilitate more effective and timely stakeholder collaboration across functional teams, centered around unified data and focused on insights and actions.



Plan variance & trade-off analysis: Track Target-to-Plan variances inline while assessing different contingency plans to drive desired business outcomes.



Intelligent insights: Improve planner performance with a strategic focus on the critical (pervasive and persistent) few rather than the trivial many.



Unified data cloud: Make data-driven decisions faster, collaborate seamlessly across clouds and run all planning processes on a single source of truth — with speed and scale.



Unified user experience: Simplify integration, collaboration, and reporting across supply chain planning functions with a unified service architecture, user interface, and in-memory cube.



AI guided decision support: Uplevel team performance and unlock productivity with embedded generative-AI insights, recommendation, and process automation.

Key Benefits

- **Accelerated decision-making**
Respond faster to frequent market complexities by compressing the planning cycle from days to minutes.
- **Increased plan accuracy and quality**
Reduce waste and drive cost savings by leveraging market-proven AI, ML and industry-leading solvers to develop more accurate, higher quality plans.
- **Greater supply chain resilience**
Collate risk and opportunities from across the enterprise into a unified planning process, leveraging integrated collaboration and scenario planning.

