



# Analyst Workbench

## Warehouse management built for the future

Evolve how you run the warehouse with cognitive capabilities for complex dynamic warehouse operations with endless adaptability and continuous improvement

### Business challenge

Precise supply chain orchestration has become a business imperative.

Achieving this requires visibility across the end-to-end supply chain, coupled with the ability to drive rapid, data-informed resolutions when exceptions arise.

Digitalization provides companies with access to volumes of near real-time data from across their supply chains.

Yet, many companies remain overwhelmed by the sheer volume of available data and lack structured processes to collect, analyze and integrate it into everyday decision-making. Data often remains scattered across the extended supply chain, rendering it neither accessible nor actionable.

### Analyst Workbench Capability

As a part of the Warehouse Management Solution (WMS), Analyst Workbench (AWB) is built on the Blue Yonder Platform and powered by Snowflake. It is a comprehensive data acquisition framework that can ingest near real-time data from any source, apply advanced analytics and then deliver it in an actionable format.

It positions companies to access, share and consume live governed data, industry-specific datasets and data services at scale—without the latency, cost and effort required with traditional marketplaces.

Built for today's omni-channel world, AWB lets companies mix, match, and analyze data from any digital touch point in their ecosystem.

This capability creates a digital twin of the physical supply chain that enables companies to monitor and improve their overall health—including the warehouse operations and utilization of inventory, labor and transportation assets.

Companies can easily apply near real-time data to improve key performance indicators (KPIs) that directly impact cost and service outcomes.



### Key Benefits

- Centralized KPIs and transparent insights that drive strategic growth with data driven decisions
- Single source of truth with streamlined processes across Warehouse Management
- Customized analytics with persona-based insights and KPI repository for tracking performance
- Continuous monitoring through automated data quality checks for faster issue resolution



### Key Features

- Comprehensive, near real-time visibility: Digital twin capability enables proactive monitoring and rapid issue resolution
- Anomaly detection: Identify anomalies in key performance indicators, enabling data-driven decisions
- Enhance cross-functional collaboration- drive team alignment with access to reliable, shared data.
- Intuitive self-service analytics – Empower users with easy interface that allows seamless navigation.

## Capability offerings

### A unified approach to data

How data is structured on the back end plays a key role in the analytics space. Across the supply chain, individual functions may have different microservices that store data in different formats.

Blue Yonder has adopted a “one data” policy for its unified analytics landscape, where data gets stored based on different omni-channel functions—for example, order, warehouse performance, inventory, labor, or transportation management—resulting in a robust data landscape with enhanced usability.



Data is collected from the moment a customer lands on a website and continues through inventory management, warehousing, order management, fulfillment, and transportation, thereby reducing the data onboarding time.

This provides a full 360-degree view of supply chain data, as well as end-to-end insights into the overall product journey and customer experience.

### Advanced visualization of data

Analyst Workbench framework leverages unified data in Snowflake and delivers an interactive, consumer-grade interface that enables users to easily visualize how current results align to key KPIs.

Analyst Workbench empowers users to create custom tailored dashboards. As their reporting needs evolve, users can quickly build new reports or adapt existing ones. Enabling a personalized, self-service view of the data that keeps pace with changing business demands.

### A personalized, role-based perspective

Across the supply chain, stakeholders have different data needs, and AWB provides a role-based perspective that reflects those varying needs.

Using AWB, users across the supply chain can slice and dice different data elements across different dimensions—e.g., selling channel, product category, location, and time of day—to study problems in depth. AWB also enables users to configure alerts based on thresholds that they define.

Reports can be saved in a personalized dashboard and revisited as conditions evolve.

### Seamless integration with other solutions and systems perspective

Today's complex supply chains typically include a range of systems and tools. AWB is included as part of the WMS, but it comes pre-integrated with other Blue Yonder software and microservices to bring near real-time data from across these functions together in a unified Snowflake data repository.

Users have access to the same data, dashboards and reports, enabling a true digital transformation of the end-to-end supply chain.

### One solution for the entire warehouse

Advanced Slotting is just one of the many cognitive capabilities included with Warehouse Management.

Our next generation warehouse management solution builds on 25 years of proven, robust capabilities with paradigm shifting innovation to better predict, plan, adapt, and unify warehouse operations.

## To learn more about building the warehouse for the future

Contact your Solution Rep or visit [blueyonder.com](https://blueyonder.com)