Blue Yonder Luminate® Cognitive Platform

The industry's next-generation supply chain platform

Business context

Today's supply chains face storms on all fronts—real and metaphorical. From cancelled flights and port delays to tighter border rules, international conflicts and weather catastrophes, the environment has never been more complex or disruptive. Add the challenges of eCommerce, omnichannel and seesawing consumer preferences, and it's clear why traditional supply chain solutions simply can't keep up.

Most technology stacks still span hundreds of applications from planning to execution, resulting in disconnected workflows and disparate data silos. Organizations are patching in new artificial intelligence and machine learning technologies—but despite the investment, the promise of resilience remains out of reach. It's time for an entirely new approach.

The next level of supply chain performance

Blue Yonder's breakthrough Luminate® Cognitive Platform is a cloud-native, microservices-based solution that connects the breadth of Blue Yonder's portfolio to synchronize your entire supply chain ecosystem. Luminate® Cognitive Platform combines the latest data-management technology and leading-edge AI and ML with Blue Yonder's best-in-class IP and solutions to transform every aspect of supply chain operations.

Leveraging a common data cloud, Luminate® Cognitive Platform enables end-to-end visibility and a connected experience to deliver seamless coordination across everything from supplier orders to inventory flow and fulfilling customer commitments. The goal: empowering your organization to boost business performance—driving more revenue and greater profitability, improving team productivity, accelerating decision-making, and building truly resilient supply chains.

Luminate® Cognitive Platform benefits

- **Faster time to value, lower cost of ownership**
  Accelerate digital transformation and innovation with faster deployment times, and upgrade-safe platform extensibility for workflows, data models and functions

- **Rapid, higher-quality decision-making**
  Make faster, smarter decisions catalyzed by natively embedded, leading-edge AI and ML and unconstrained computing power.

- **Increased collaboration and resilience**
  Optimize performance and supply chain resilience through true end-to-end visibility, a unified data model and user experience.

- **Unlocked team productivity**
  Accelerate adoption and mastery for even junior planners through generative AI that delivers faster insights and guidance.

Capabilities

Secure, high-performant architecture
Mitigate risk while reducing IT costs with enhanced observability, security and auditing, reliability, and cost management.

Upgrade-safe platform extensibility
Streamline integration efforts and extend or configure workflows, data models and functions as needed with no-code, low-code and pro-code options—worry free.

Common data model and simplified data management
Reduce the cost and complexity of managing and sharing data by leveraging our single semantic data model and common data cloud.

Seamlessly integrated, industry-leading AI & ML
We go beyond the basics by integrating cutting-edge technology like deep meta learning, generative learning and predictive machine learning into all Blue Yonder solutions.

Robust reporting and analytics services
Standardize reporting across all Blue Yonder solutions and extend out-of-the-box offline reports via an easy-to-use interface.

Exceptional user experience
Flatten the learning curve and increase adoption with beautiful user interfaces, a unified database and natively integrated generative AI and large language models.

The industry's first cloud-native supply chain platform

Luminate® Cognitive Platform uses Microsoft Azure for its core cloud and infrastructure services and operates seamlessly on the Snowflake data cloud. Its cloud-based architecture delivers major benefits in performance, security, resilience and scale, enabled by:

- **Domain-centric, composable microservices** to support continuous deployment and accelerated innovation—without disruption or downtime.

- **A single data cloud, powered by Snowflake,** which makes it easy for customers to share data, act on insights and build a more collaborative network around a single source of truth.

- **Unmatched computing power and scalability** that accelerate data-driven insights and decisions without compromising performance.

The result: Incredibly smart, fast, agile and responsive supply chains.

Transform your supply chain operations with Luminate Cognitive Platform

To learn more, visit blueyonder.com/platform

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