BlueYonder

Luminate Platform

Risk Manager

A Control Tower Solution

Business Context

Supply chain operations remain challenged amid today's climate of inflation, port congestion, resource shortages, and perpetual disruptions due to geopolitical, weather events and more. In addition to ensuring end-to-end visibility into current operations, understanding and responding appropriately to potential risks will be mission-critical to establishing and maintaining a resilient supply chain. To increase agility and better manage risk while still controlling costs, supply chain managers will be expected to evaluate global risk signals, apply those signals to their own network, and calculate the likely impact on their business.

Solution Description

Risk Manager delivers customers a proactive approach to risk management by empowering them to identify and resolve potential issues before they become detrimental to on-time in full (OTIF) objectives. Risk Manager is purpose built to identify threats and vulnerabilities across the complex global supply chain network, including suppliers, ports, inventory locations, stores, cross-dock facilities and other operating nodes. It gathers data from internal and external sources, including best-in-class risk data providers, then applies advanced data science and predictive analytics to transform this unstructured data into strategic insights. It then assigns quantitative, weighted scores to every supply chain partner and node based on its risk factor, turning invisible disruptions into predictable events – before they impact production, fulfillment and delivery.

Control Tower already provides comprehensive supply chain visibility, disruption insights, and collaboration functionality, and now Risk Manager empowers organizations to be even more resilient with the ability to anticipate future issues, identify alternative sourcing options, and better manage customer expectations.
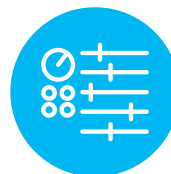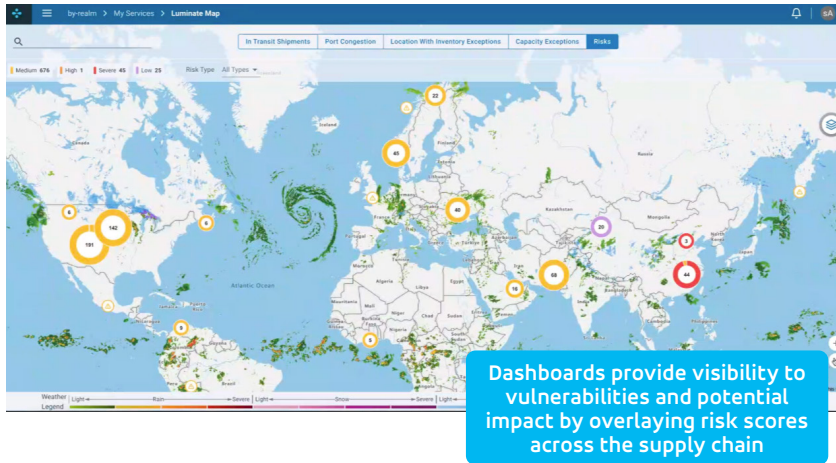
Key Benefits

Identify, assess and act on potential vulnerabilities more quickly

Adapt faster to potential risk and consistently meet objectives

Establish a resilient supply chain that is proactive instead of reactive to events and disruptions

Dashboards provide visibility to vulnerabilities and potential impact by overlaying risk scores across the supply chain

Key Capabilities

Predict Cost and Shipping Impact

Predictable costs and performance for ocean and air cargo allow firms to confidently build geographically distributed supply chains, leverage cost, and scale advantages. With Risk Manager, dramatic increases in air cargo and spot market ocean container rates are visible. The ability to identify patterns at the beginning of an ocean-shipping-transit cycle rather than at the end gives managers as much as a 30-day head start on problems such as:

- Ocean and air freight cost changes
- Highway closures
- Port congestions
- Logistics disruptions

Maintain Supply Chain Resiliency

Supply chain resilience provides companies with the ability to withstand disruptions and minimize the effects on revenue, cost, and customers. Acts of God, trade wars, cross-border dependencies, and trade restrictions are some of the many disruptions that affect supply chain health – and are nearly impossible to predict. By alerting companies in near real-time of upcoming issues, Risk Manager allows companies the ability to pivot around disruptions caused by:

- Geopolitical conflicts
- Weather events
- Natural disasters
- Labor shortages

Keep a Pulse on Supplier Health

Understanding potential supply chain disruptions and applying risk scores to them gives companies a clearer view of their supply chain and their suppliers' health. Risk Manager provides the ability to overlay risk scores across the supply chain map within Control Tower to identify opportunities to adjust shipments, inventory, or suppliers to ensure customer expectations are met. Risk Manager provides insights around:

- Suppliers of components and finished goods
- Production delays and delivery performance
- Price increases due to material shortages or inflation impacts
- Quality issues impacting downstream production
- Supplier financial health and bankruptcy

Let Risk Manager help you manage at the edge of uncertainty

To learn more, visit

blueyonder.com/platform/control-tower

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