

4 Steps to Manage Supply Chain Risk and Uncertainty

Organizations are being hit from all sides with new disruptions, volatility, and uncertainty, but consumers are still asking for more. As companies solve for the “now” and plan for the future, companies are turning to technology to help sort out their current challenges and predict what’s next.

Blue Yonder, a leader in the Nucleus Control Tower Technology Value Matrix for the past six years, collaborated with Nucleus on the current state of the supply chain, upcoming challenges, and four clear steps to mitigate risks and uncertainties to help organizations better prepare for the unknown.



Step 1: Predict Upcoming Disruptions

Increasingly global and complex, supply chains are going to have to withstand more shocks and disruptions, both of which may be more frequent and potentially more severe.

Are port congestions resulting in shipment delays?

Will limited container capacity cause inventory shortages?

What is the impact of world conflicts to my supply chain?

Step 2: Understand the Impact

The company that has full visibility into its supply chain will be best positioned to identify the problem quickly, evaluate the impact and tailor solutions.

Over the course of a decade, companies can expect disruptions to erase 50% of profits or more¹



Step 3: Action a Response

Companies need an end-to-end view of supply chain operations to better understand impacts, pivot quickly and make more informed decisions to mitigate risks.

Armada, a \$4 billion provider of supply chain solutions, cut disruption response times by 65% with Luminate Control Tower²

“By proactively identifying alternative strategies and quantifying the financial impacts upfront — instead of taking a reactive stance — we’ve achieved an estimated \$1 million in cost savings from just one program that targeted specific lanes.”

Step 4: Continuously Learn

It is imperative for companies to learn from historical performance to optimize for the future. Blue Yonder’s Luminate Control Tower leverages ML to continuously learn from previous actions and decisions to better predict future outcomes and suggest the best plans of action.



Why Blue Yonder?

At Blue Yonder, we provide end-to-end visibility from planning to execution, powered by a cognitive digital twin. We’re also aligning the impact of supply chain actions to strategic business goals like revenue growth, cost-to-serve, cash-to-serve, and sustainability metrics. Finally, we take an end-to-end view of the control tower, knowing that the combination of good planning and execution helps shape the most resilient, risk-averse supply chains.

Want to learn more?

Read the full Nucleus Research report to learn what you can do to prepare your supply chain for the unknown:

[Read the Control Tower Technology Value Matrix 2023 Report](#)

¹ McKinsey
² <https://blueyonder.com/knowledge-center/collateral/armada-cuts-disruption-response-times-by-65-percent>