

# C3 AI Supply Network Risk

## Increase Resilience and Anticipate Supply Disruptions

C3 AI® Supply Network Risk empowers supply chain managers and executives with detailed visibility into delivery risks and actionable recommendations to ensure on-time and in-full delivery.



**5-10%**

Increase in OTIF performance



**3-6%**

Increase in product availability



**99+%**

Inventory service levels



**65%**

Reduction in critical stockouts

C3 AI Supply Network Risk provides supply chain managers, order managers, and supply chain executives with granular visibility into the status and delivery risks of customer orders and a set of actionable recommendations to mitigate risks and ensure on time and in full (OTIF) delivery of customer orders.

Supply chains are constantly challenged by disruption and volatility, driven by the complex interdependencies among nodes in the supply chain as well as due to external shocks (e.g., weather, geopolitical events). Order managers and supply chain planners must effectively navigate this environment but are faced with numerous challenges when using traditional supply chain visibility solutions. These solutions are unable to accurately predict lead times for customer orders, lack the ability to rapidly identify remediation options (e.g., shipping a product from another facility to meet a service level target) and often times are unable to identify the root cause of a supply chain disruption.

### Feature Summary

- **Operational dashboards** provide visibility into the biggest delay risks across the business and at any level of granularity (E.g., global, region, facility, etc) with a comprehensive set of KPIs (e.g., OTIF %, avg. lead time, value of open order lines, etc)
- **AI predictions of order lines at risk that leverage machine learning models** to enable supply chain managers and order managers to rapidly identify which customer orders at risk of delay
- **AI evidence packages** provide context on the key contributing factors driving machine learning lead time predictions to enable users to understand how the models are identifying orders at risk due to longer than expected lead times
- **Remediation options for at risk orders** enable users to quickly identify at risk orders, and take concrete action to ensure a seamless customer experience (e.g., shipping from an alternate facility, reprioritizing a sales order line, fulfill an order for another line, identify new mode of transportation)

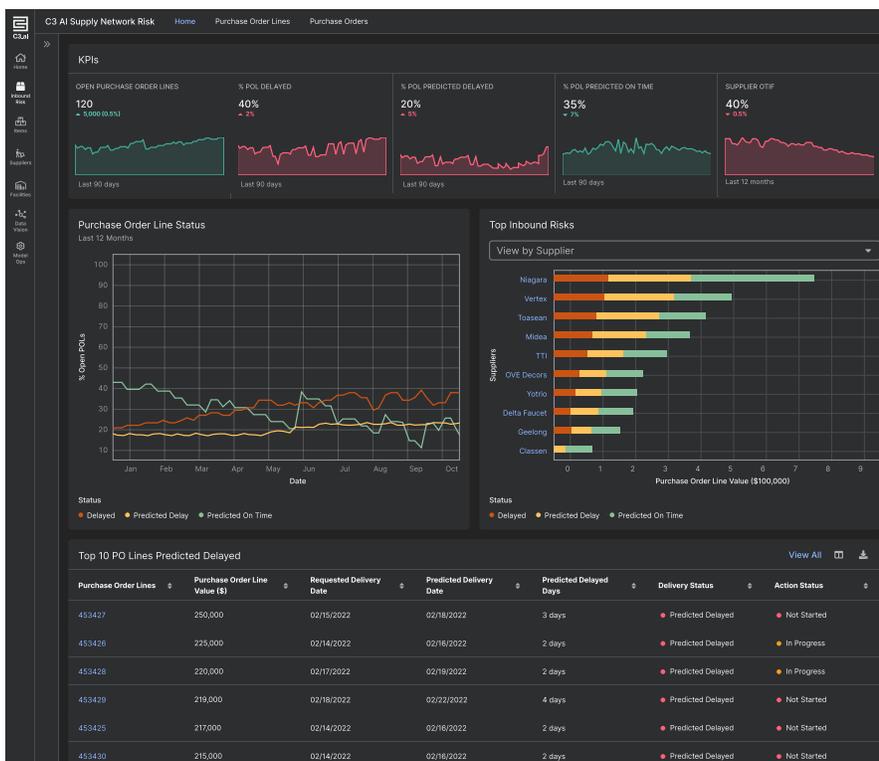


Figure 1. C3 AI Supply Network Risk displays a comprehensive, up-to-the-minute dashboard highlighting supply network status, order lines at risk, customer and product delivery risks, and a global view visualizing the nodes at risk across the supply chain

Leveraging advanced machine learning algorithms and models, C3 AI Supply Network Risk predicts customer order line lead times to identify orders at risk of delivery. To identify the drivers influencing lead times, C3 AI Supply Network Risk integrates internal data (such as order volume, customer characteristics, order characteristics, inventory levels) and external data (e.g., weather, news events) and shows users an AI-evidence package to explain the predictions of machine learning models. For orders at risk of disruption, C3 AI Supply Network Risk rapidly identifies remediation options for users to action.

Using C3 AI Supply Network Risk, users can identify alternative sources of inventory that can be rerouted to a plant to ensure successful assembly of a product for the end customer, reprioritize sales order lines, or expedite supplier orders. These recommendations enable users to proactively manage their supply chain risks.

By increasing the consistency and availability of information on potential disruptions to the entire supply chain, C3 AI Supply Network Risk helps supply chain managers and order managers to shorten lead times for customer orders, improve key performance metrics such as OTIF and enhance the overall customer experience.

C3 AI Supply Network Risk can be configured and deployed across a wide range of industries such as energy, process or discrete manufacturing, agribusiness, healthcare, and retail among others. C3 AI Supply Network Risk is interoperable with other C3 AI Supply Chain Suite applications.

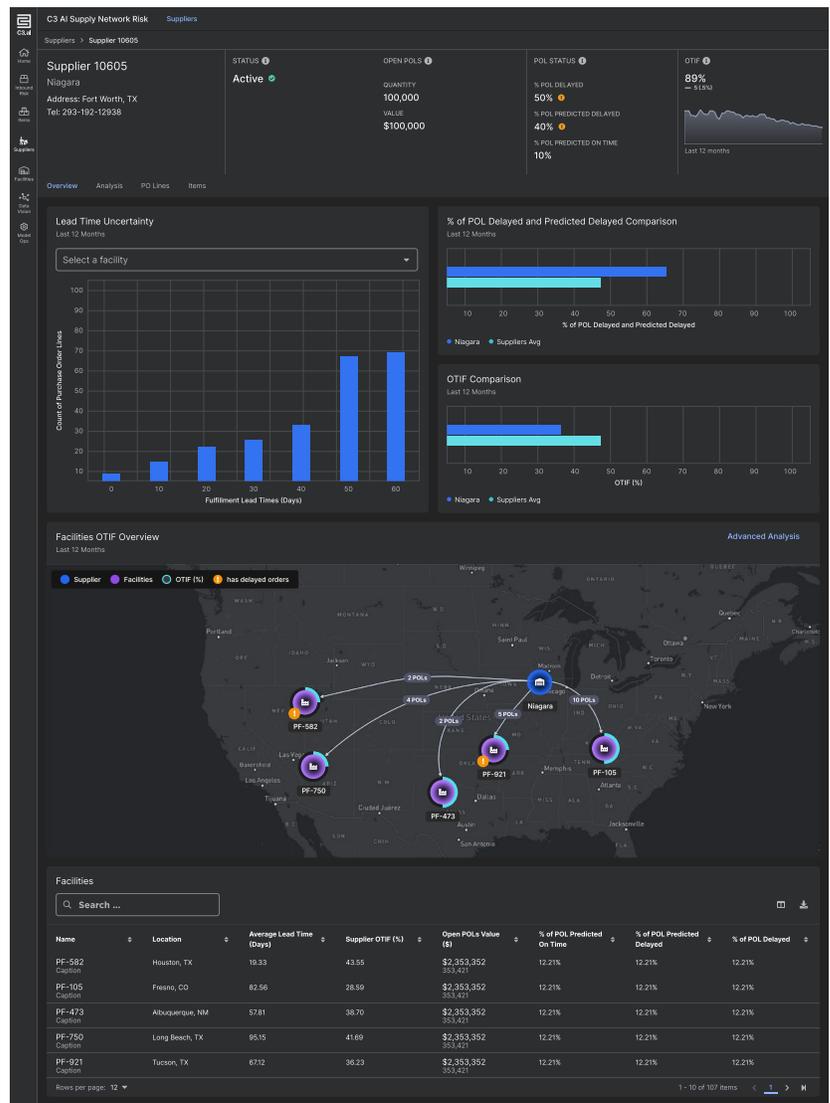


Figure 2. C3 AI Supply Network Risk enables supply chain managers to identify orders at risk due to supplier delays and view key KPIs such as OTIF across the customer base

## Increase Customer Satisfaction and Ensuring OTIF Delivery

- **Improve customer satisfaction** by ensuring on time and in full (OTIF) delivery by identifying customer orders at risk and leveraging AI to identify and execute remediation options
- **Increased flexibility of the supply chain** through predictive identification of specific portions of the POL of the supply chain with extra capacity or available redundancy
- **Improved production reliability and quality** through earlier advance notification and preparation of backup supply options, specific to individual product lines and geographic supply and delivery chains

Proven Results in 8-12 Weeks

Visit [C3.ai/get-started](https://C3.ai/get-started)