



3 ways to help your supply chain be more resilient to disruption



Successfully navigating disruptions is an ongoing challenge for all organizations, but adaptable supply chain leaders can learn and grow from the impact of these challenges.

Focus on these 3 areas to help make your supply chain more resilient to disruptions:

- 1 Structural risk and flexibility**
Develop smarter supply chains with optionality
- 2 Rapid reaction and resolution**
Harness AI and collaboration while troubleshooting issues
- 3 Global visibility and insights**
Enhance transparency across your network with data

1. Structural risk and flexibility



Smarter supply chain modelling and scenario analysis

Implement digital twins and assess the immediate and long-term ability to continually balance lean operations and risk mitigation.



Flexible structural supply chains with optionality

Harness [analytics](#), [artificial intelligence \(AI\)](#) and visualization tools to allow structure modeling before a build.



Alternative sourcing methods and logistics routes

Evaluate geo-political risks, climate change risks, cyber security risks, and natural disasters and develop plans for multiple scenarios across your supply chain.

3. Global visibility and insights



Actionable insights from real-time data

Use AI to assess unstructured data and provide alerts that help predict possible disruption and its impacts on your supply chain upstream and downstream.



Enhanced end-to-end visibility of supply chain flows

Put in place a global tool, like the [IBM® Sterling™ Supply Chain Insights](#), for long-term insight across supply chain flows.



Additional opportunities to integrate emerging technologies

Combine a control tower with a [blockchain solution](#) that employs IoT and AI, like IBM Hyper Insights, to understand the location of products in near-real time.

2. Rapid reaction and resolution



Strategic partners working together

Leverage collaboration rooms and data sharing platforms among partners to understand the impact of disruptions across the joint supply chain.



Quick responses and resolutions

Make faster decisions using machine analysis of structured and unstructured data.



AI-supported rapid scenario planning

Unlock hidden insights to improve the supply chain planner's abilities to determine options and act faster than competition.

Structural flexibility, rapid reaction and scenario planning, and global visibility will help create the smarter, more resilient supply chains of today and tomorrow.

By performing rapid assessments to identify near-mid-and-long-term opportunities, you can ensure your supply chain is able to effectively withstand and respond to disruptions.

If you would like to learn how to make your supply chain more resilient, IBM experts are here to help. Visit ibm.com/services/process/supply-chain or speak with a representative.

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