

Dynamic Supply Chain Risk ScoringSM

Ensuring Transparent, Reliable, and Sustainable Supply Chains

Why Supply Chain Risk Scoring?

Here are just a few of the inherent risks that technology supply chains often face:

- Stockouts
- Component Obsolescence
- Raw Material Shortages
- Excess Inventory
- Black Swan Events such as COVID-19

Compounding these risks...many companies lack supplier visibility that's necessary to keep them informed of potential liabilities in the supply chain.

That's why we created Dynamic Supply Chain Risk ScoringSM.



Benefits and Advantages of Supply Chain Risk Scoring

The need for sustainability, reliability, resiliency, and transparency within the technology supply chain is more critical now than ever before. Based on our 40 years of experience, and our deep knowledge of supply chain best practices, we created a data-driven, disciplined risk management process that identifies potential supply chain risks and delivers best-practice mitigation solutions.

Tailored to customer needs, Dynamic Supply Chain Risk ScoringSM provides comprehensive insights into the strengths and weaknesses of any technology supply chain, empowering objective, actionable insights and decision-making. Other methodology delivers:

- An expert partnership focused on keeping customer supply chains effective and efficient
- Value-engineered solutions to optimize product supply while meeting customer needs
- Analysis within each customer's specific business context and product demand
- Peace of mind and customer confidence in the stability of your technology supply chain

How Dynamic Supply Chain Risk ScoringSM Works

- We conduct an in-depth analysis of your Bill of Materials (BOM) and the supply chains associated with each material
- We evaluate 5 major risk categories, based on FEMA (Failure Mode and Effects Analysis)
- We identify any weaknesses and vulnerabilities, and subsequently assign risk priority numbers (RPNs) to each of the 5 categories
- We provide a comprehensive written assessment of our risk scoring, enabling you to proactively mitigate possible risks to your technology supply chain

Our 5 Risk Scoring Assessment Categories

Category	Benefits
1. Multisourcing <ul style="list-style-type: none"> • Shows the number of suppliers available for each product • Notes when a product is risky, due to having one or minimal suppliers 	<ul style="list-style-type: none"> • Allows customers to make the best choice to prevent supply chain disruptions, in case of a material shortage, black swan event, or other unexpected scenario
2. Flexibility in Specification <ul style="list-style-type: none"> • Illustrates the customer's flexibility or rigidity in each product specification 	<ul style="list-style-type: none"> • Enables Dynamic to optimize product supply and reduce the risk of material shortages or products going end-of-life
3. Inventory Level Buffers/Safety Stock <ul style="list-style-type: none"> • Demonstrates which products have designated on-hand stock stored in Dynamic's warehouse 	<ul style="list-style-type: none"> • Mitigates the risk of sudden stockout situations for products or raw parts for any component • Prevents delayed delivery, raw material shortages, or an increase in demand
4. Concentration of Custom Products <ul style="list-style-type: none"> • Lists the number of built-to-order products listed in a customer's BOM 	<ul style="list-style-type: none"> • Informs customers on the risks of long lead times, as well as potential supply unavailability, due to the custom nature of products • Allows customers to make a better choice with shorter lead times, supply availability, and product readiness
5. Lifecycle of Components <ul style="list-style-type: none"> • Displays the lifecycle length for each component 	<ul style="list-style-type: none"> • Enables customers to select components with longer lifecycles of at least three years • Prevents unexpected product obsolescence and delivers advance notice for customers to make strategic product purchasing decisions and secure stock