



# Securing Future-Ready Supply Chains

Modern supply chains need to be scalable, flexible, and efficient, so enterprise leaders can focus on protecting margins and other priorities.



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## The supply chain is heading for disruption

Most organizations aren't equipped to handle oncoming disruption to their supply chains.



**64%** of organizations do not believe that they have responded effectively to market changes and disruptions.

The top reasons for concern:

<p><b>1</b></p> <p><b>42%</b> cite supply chain partner constraints and the inability of suppliers or partners to adapt or meet new market requirements.</p>	<p><b>2</b></p> <p><b>35%</b> say they prioritized cost efficiency at the expense of resiliency.</p>	<p><b>3</b></p> <p><b>28%</b> mention that their IT systems are dominated by legacy systems that are neither flexible nor scalable.</p>
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Source: IDC's Supply Chain Survey 2025

## Modern supply chains need flexibility and scale

Digital business platforms are key to establishing a supply chain that supports high-performance operations.

In 2025, 27% of organizations intend to modernize core enterprise applications for outcomes such as:

<p><b>Ensuring that applications are AI-enabled</b> 42%</p>	
<p><b>Improving the cyber-resilience of core applications</b> 37%</p>	
<p><b>Reducing the cost of operating core applications</b> 30%</p>	

Source: IDC's Future of Enterprise Resilience Survey, Wave 11, November 2024

## AI is at modernization's forefront

Some 30% of organizations identify supply chain applications and business processes as among the top three business areas for agentic AI adoption.

Top considerations while evaluating agentic AI for supply chain:

<p><b>1</b></p> <p><b>Clearly demonstrable ROI aligned with supply chain goals</b> 36%</p>	<p><b>2</b></p> <p><b>Integration with existing supply chain solutions</b> 35%</p>	<p><b>3</b></p> <p><b>Security/privacy enhancement</b> 34%</p>
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Source: IDC's Future Enterprise Resilience Survey 2025, February 2025

## The ROI is real

IDC research indicates that organizations have been able to extract measurable from and AI-powered supply chain.

<b>37%</b>	↑ gained	more than <b>10%</b> productivity gains
<b>38%</b>	↓ reduced	more than <b>10%</b> cost and waste
<b>37%</b>	↑ achieved	faster than <b>10%</b> product innovation and time to market

Source: IDC's Supply Chain Survey 2025

## Ecosystems are the way to go

Organizations are looking toward industry ecosystems that bring together companies, ISVs, system integrators, and industry bodies to drive supply chain efficiency, utilizing AI and ML.

<p><b>41%</b> of organizations plan to implement AI/ML/GenAI for industry ecosystem initiatives aimed at improving supply chain efficiency.</p> <ul style="list-style-type: none"> <li><b>42%</b> Manufacturers</li> <li><b>37%</b> Utilities</li> <li><b>52%</b> Oil and gas</li> <li><b>35%</b> Retail, hospitality, and wholesale trade</li> </ul>	<p>Enterprise application providers and service providers are among the top strategic partners for AI implementations:</p> <ul style="list-style-type: none"> <li>➔ <b>26%</b> of product-based companies cite enterprise application providers as among their most strategic AI technology partners.</li> <li>➔ <b>28%</b> mention IT consulting and system integration partners as among their most strategic AI technology partners.</li> </ul>
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Source: IDC's Future Enterprise Resilience Survey 2024, Wave 5 and Wave 10

## Message from the sponsor



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