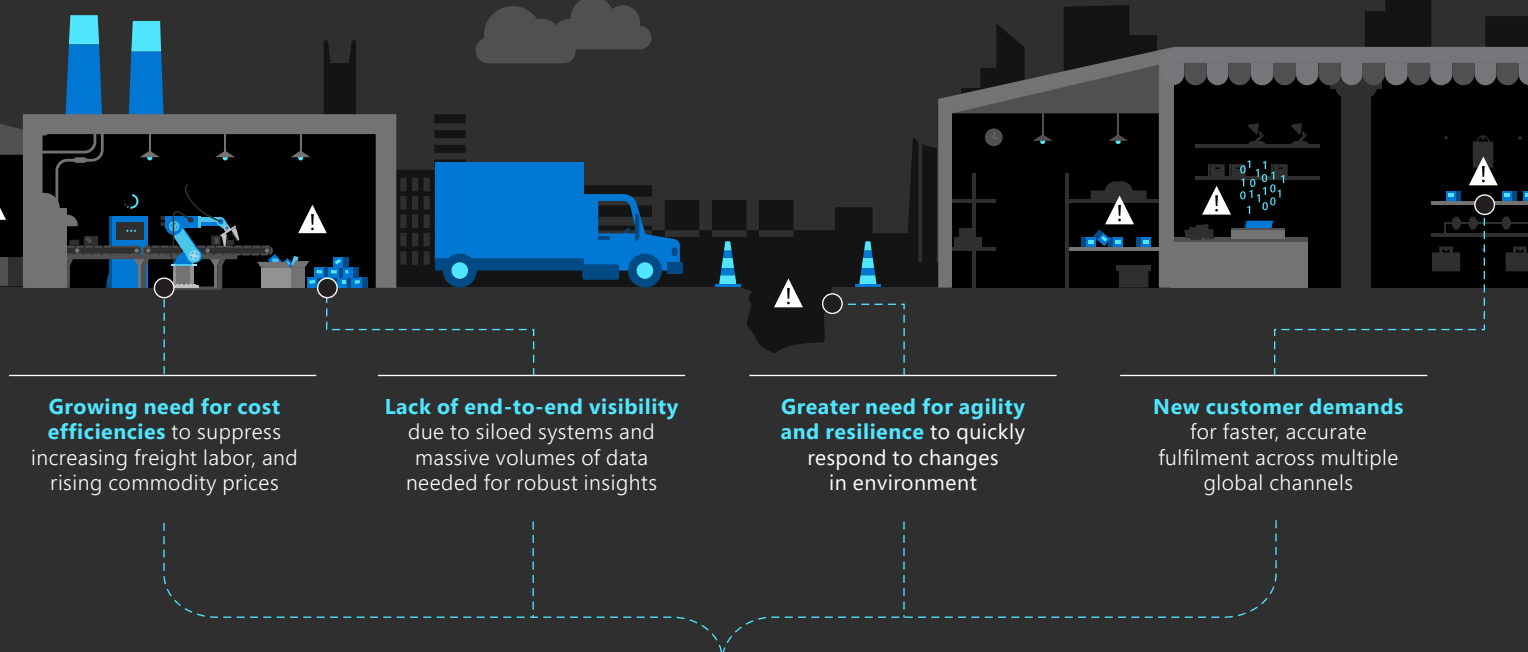**Microsoft**

Make more informed decisions by analyzing, predicting, and acting on insights that optimize your supply chain with Microsoft Azure

Leverage the cloud to connect, automate, and gain an end-to-end view of your supply chain and your business.
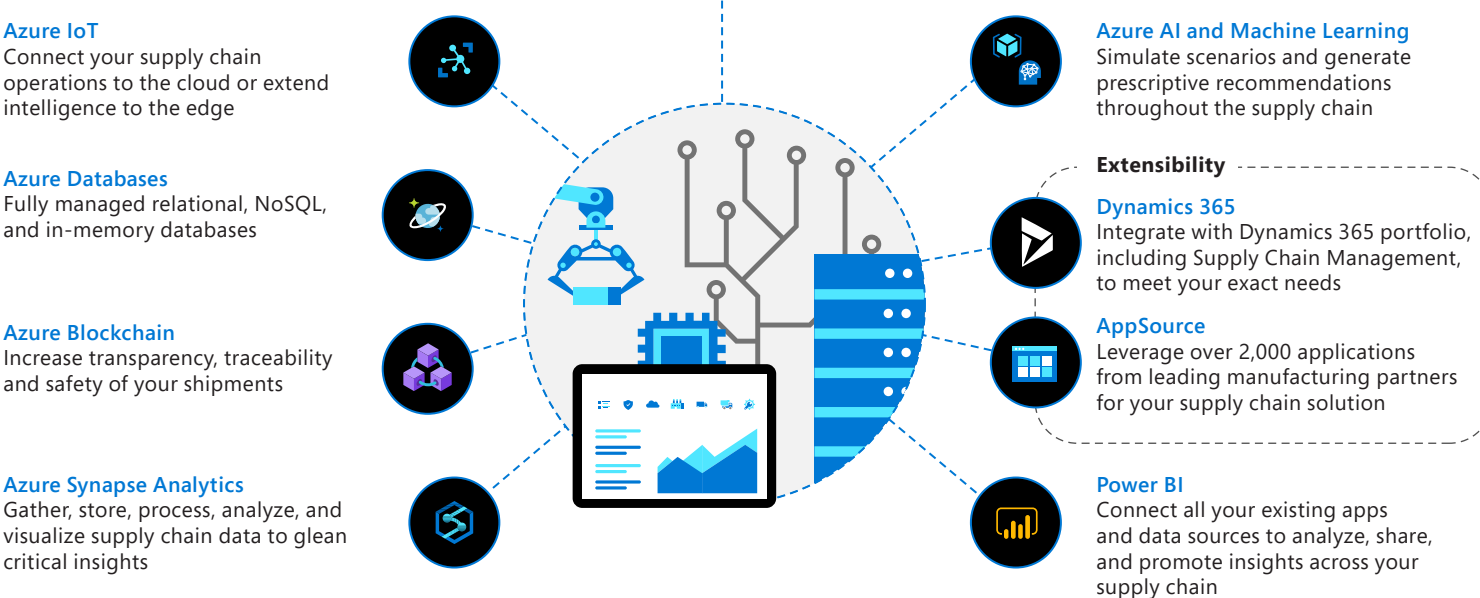
The challenge

Manufacturers must embrace technology that offers agility in the supply chain to quickly respond to changes in environment, customer preferences, competitive forces, or unforeseen crises.
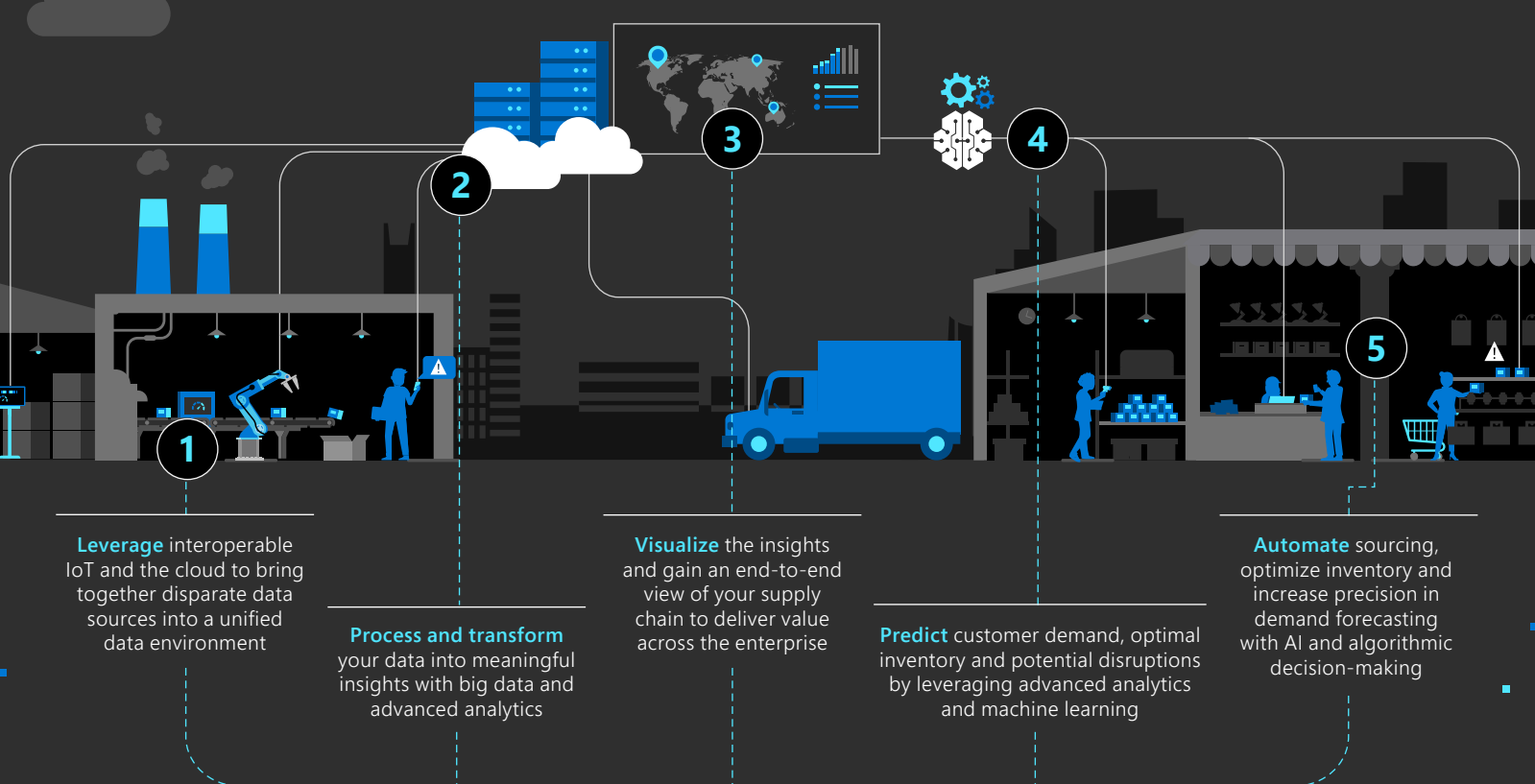
Growing need for cost efficiencies to suppress increasing freight labor, and rising commodity prices

Lack of end-to-end visibility due to siloed systems and massive volumes of data needed for robust insights

Greater need for agility and resilience to quickly respond to changes in environment

New customer demands for faster, accurate fulfillment across multiple global channels

The solution

Azure enables manufacturers to harness data to unlock new efficiencies, reduce costs, and increase the resilience of the supply chain.

Azure IoT
Connect your supply chain operations to the cloud or extend intelligence to the edge

Azure Databases
Fully managed relational, NoSQL, and in-memory databases

Azure Blockchain
Increase transparency, traceability and safety of your shipments

Azure Synapse Analytics
Gather, store, process, analyze, and visualize supply chain data to glean critical insights

Azure AI and Machine Learning
Simulate scenarios and generate prescriptive recommendations throughout the supply chain

Extensibility

Dynamics 365
Integrate with Dynamics 365 portfolio, including Supply Chain Management, to meet your exact needs

AppSource
Leverage over 2,000 applications from leading manufacturing partners for your supply chain solution

Power BI
Connect all your existing apps and data sources to analyze, share, and promote insights across your supply chain

How it works

Manufacturers use Azure to make more informed decisions by seeing, analyzing and acting on insights from supply chain operations.

1 **Leverage** interoperable IoT and the cloud to bring together disparate data sources into a unified data environment

2 **Process and transform** your data into meaningful insights with big data and advanced analytics

3 **Visualize** the insights and gain an end-to-end view of your supply chain to deliver value across the enterprise

4 **Predict** customer demand, optimal inventory and potential disruptions by leveraging advanced analytics and machine learning

5 **Automate** sourcing, optimize inventory and increase precision in demand forecasting with AI and algorithmic decision-making

Results

Greater supply chain agility and ability to respond quickly to disruptions

Lower sourcing, inventory, and delivery costs while maintaining service levels

Increased customer satisfaction, loyalty, and retention

Enhanced sustainability efforts and waste reduction

Improved decision making and risk reduction

New efficiencies gained through increased automation

Benefits

VP of Supply Chain, Chief Supply Chain Officer
Implement resilient supply chains that are predictive, intelligent, and agile
Make informed decisions confidently, quickly, and accurately
Predict and respond to risks or setbacks

Chief Operating Officer, Head of Manufacturing Operations
Garner faster, timelier, and more comprehensive insights
Gain the agility to adjust production schedules as needed
Democratize information to workers everywhere

Chief Technology Officer, Chief Information Officer, Chief Data Officer
Aggregate all operational and business data into a single view
Optimize end-to-end supply chain and business performance
Simplify horizontal and vertical supply chain integration

"Inefficiencies in inventory management cost the industry about $4 billion USD in 2018, and unplanned maintenance cost about $20 billion USD. Blockchain gives us the opportunity to start to solve some of these issues."

-Milesh Gogad, Chief Marketing Officer | GE Aviation's Digital Group

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Cloud computing with Azure

Be future ready
Unified data strategy, unparalleled pace of innovation and mission critical AI capabilities the power innovation across the enterprise and supply-chain

Build on your own terms
Commitment to open ecosystems, enabling system interoperability to develop applications with the tools of your choice

Operate hybrid seamlessly
Consistent performance and scalability across edge, hybrid and cloud, allowing you to bring the cloud to your factory floor

Trust your cloud
Comprehensive security from the shop floor to the cloud, leading compliance industry coverage and best-in-class IP protection

Find a Partner >

Find an ISV solution on AppSource >

Create your Azure free account >