RSM

BUILDING A RESILIENT AND SAFE SUPPLY CHAIN

…utilizing technology

Presenters

Christian Winzeler, Principal
Microsoft Food & Beverage leader
christian.winzeler@rsmus.com

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How do we build a resilient supply chain?

Building a resilient supply chain involves a comprehensive approach that covers several key areas:

1. Risk Assessment: Conduct a thorough risk assessment of the entire supply chain to identify potential risks and vulnerabilities.
2. Diversification and Redundancy: Diversify suppliers, manufacturing sites, and transportation routes to reduce reliance on any single supplier or region. Build redundancy into the system, such as maintaining safety stock or identifying alternative suppliers and transportation routes.
3. Communication and Collaboration: Build strong relationships with suppliers and other stakeholders in the supply chain. Establish open communication channels, share information, and collaborate on risk mitigation and problem-solving.
4. Technology and Data: Leverage technology to improve visibility and transparency throughout the supply chain. Use data and analytics to identify risks and optimize performance.
5. Continuous Improvement: Establish a culture of continuous improvement and regularly review and update the supply chain strategy and risk mitigation plans.

Building a resilient supply chain is an ongoing process that requires ongoing investment and attention. By taking a comprehensive approach and regularly assessing and updating the supply chain strategy, businesses can build a more resilient and robust supply chain that can better withstand disruptions and unexpected events.

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Resiliency is key

97%

of respondents agree that having a resilient supply chain **positively impacts bottom line**.

90%

believe having a modern and **fully integrated** digital infrastructure supporting the supply chain is **critical to business success**.

Data provided by Harvard Business Review Analytic Services commissioned by Microsoft

Today's challenges

53%

feel their supply chain isn't flexible enough to adapt quickly to market demands.

11%

have a single integrated platform of modern, best-in-class applications.

65%

of executives cite lack of access to real-time supply chain data as a technology obstacle.

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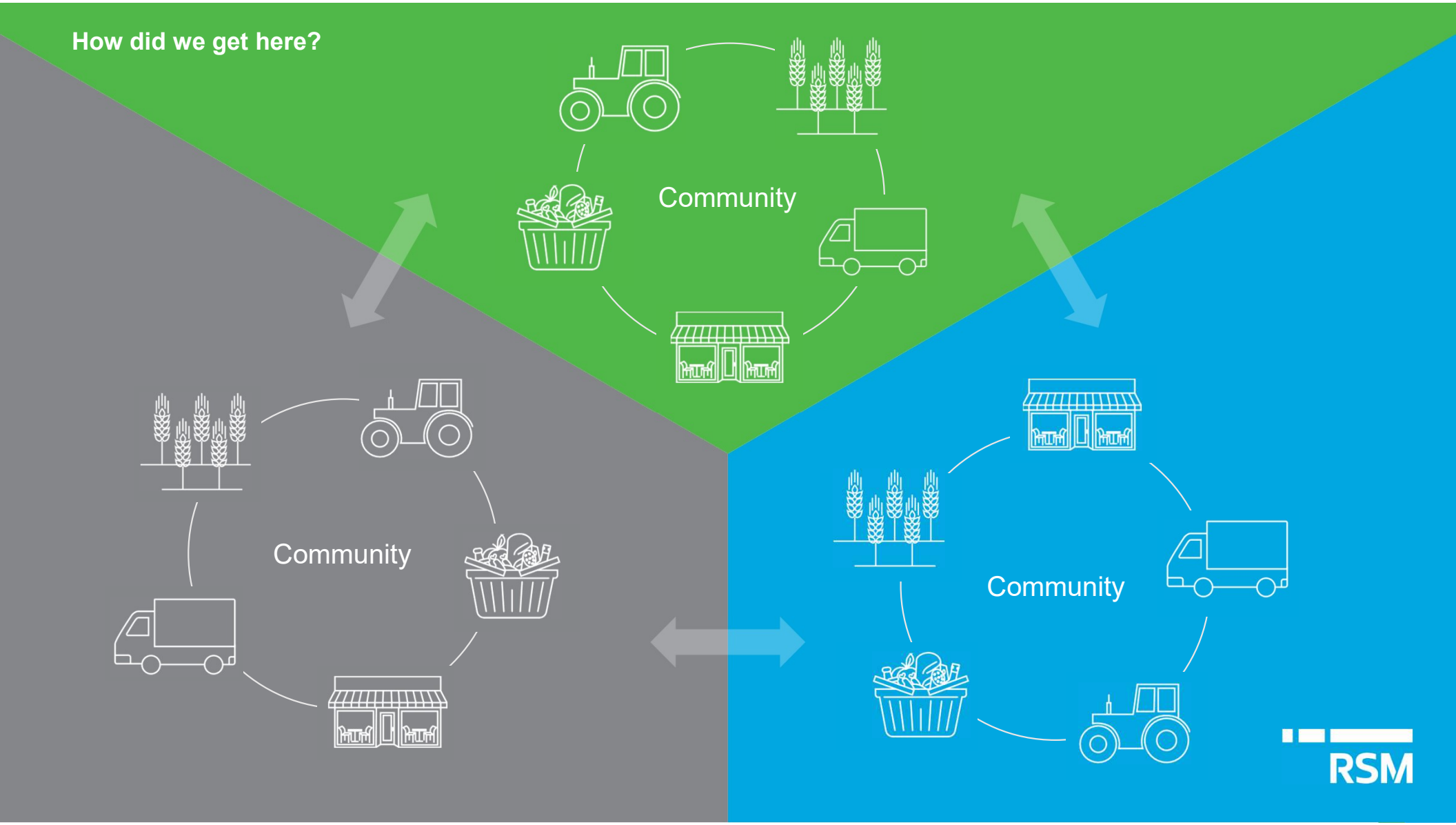
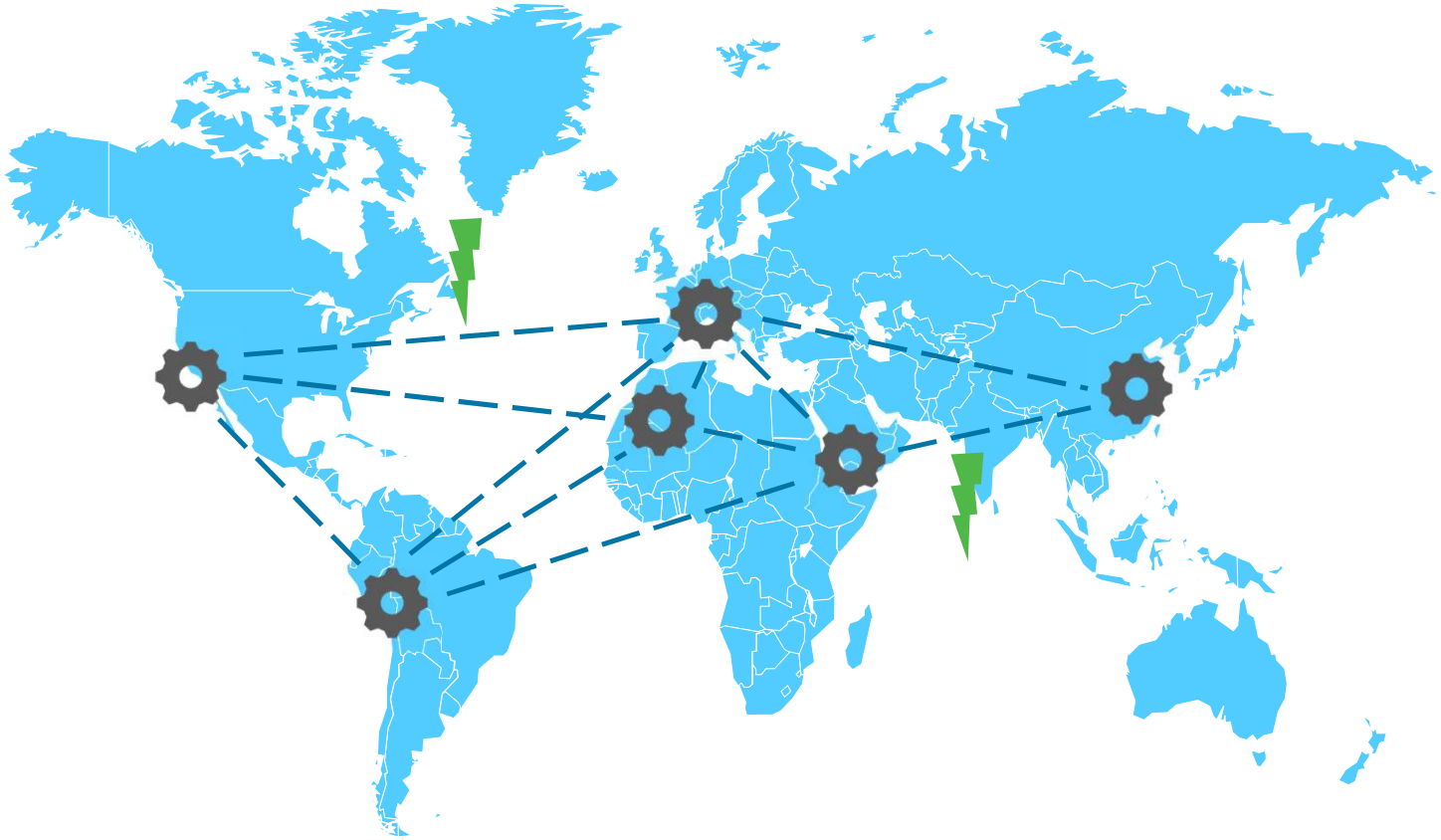
How did we get here?





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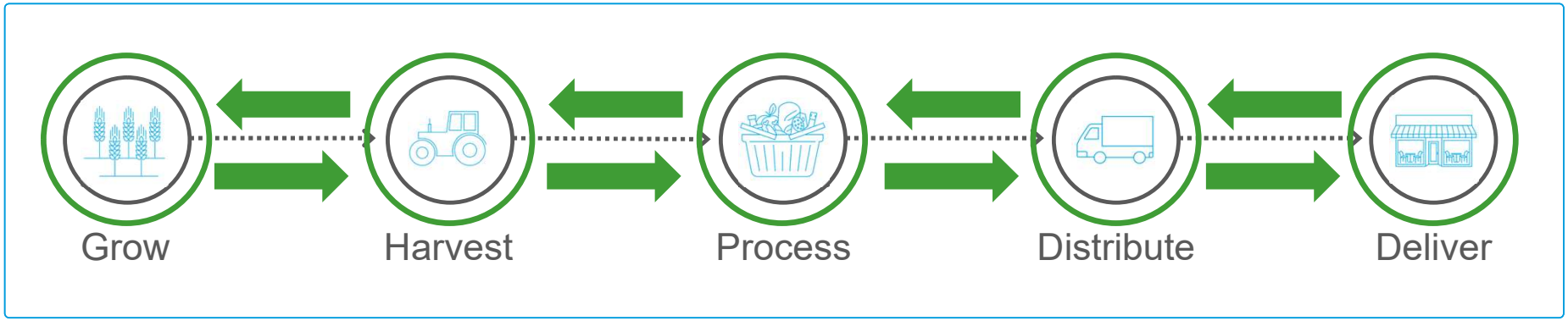

Disconnected processes

Layered planning

Excess inventory

Reactive execution

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Organizational system landscape

Systems of engagement

EDI

eCommerce

CRM

Marketplaces

Systems of execution

ERP

WMS

TMS

Systems of planning

Demand

Supply

S&OP process

Customers

Vendors

Logistics

Other 3rd parties

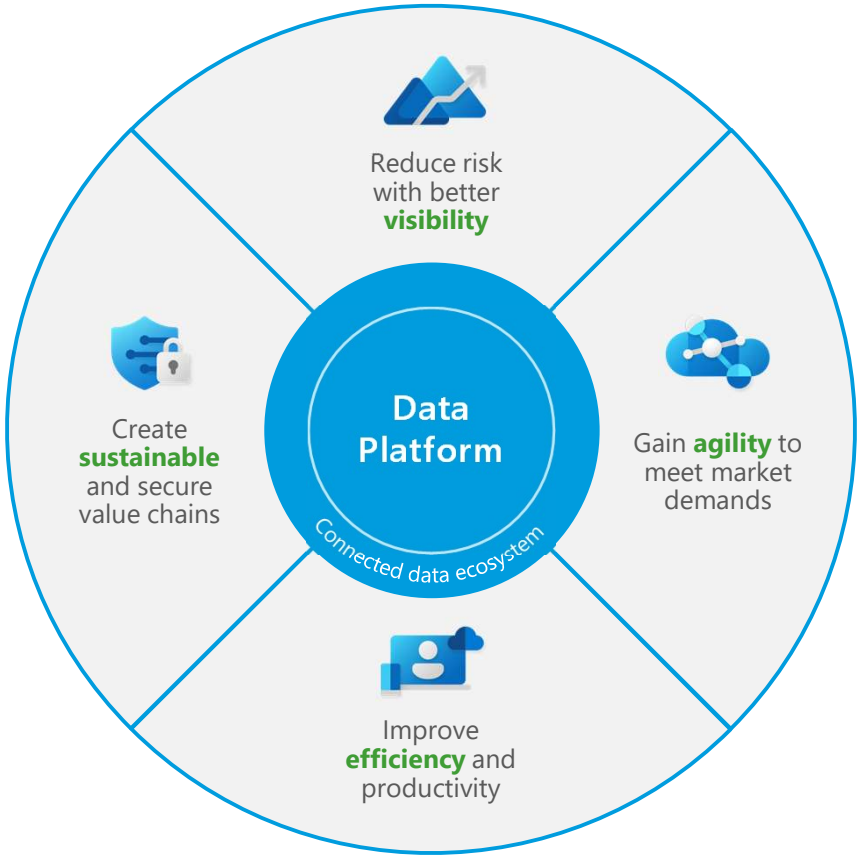
News

Markets

Weather

Regulations

RSM



Build a strong data foundation and create an intelligent data platform

Simplify your processes and focus on value-add

Strategize around the right modularity of your supply chain

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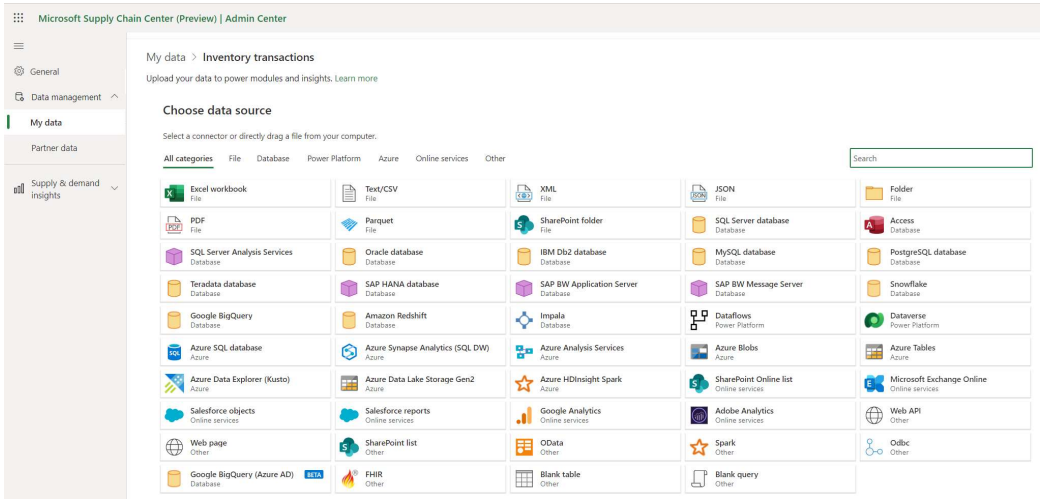
Build a connected supply chain

- Build a supply chain platform that is connected through an open, extensible and adaptive framework
- Streamline interactions across planning and execution system with a centralized data hub
- Build a predictive and pro-active business model utilizing AI



Microsoft Dynamics 365 Supply Chain Management

Power Platform

Azure

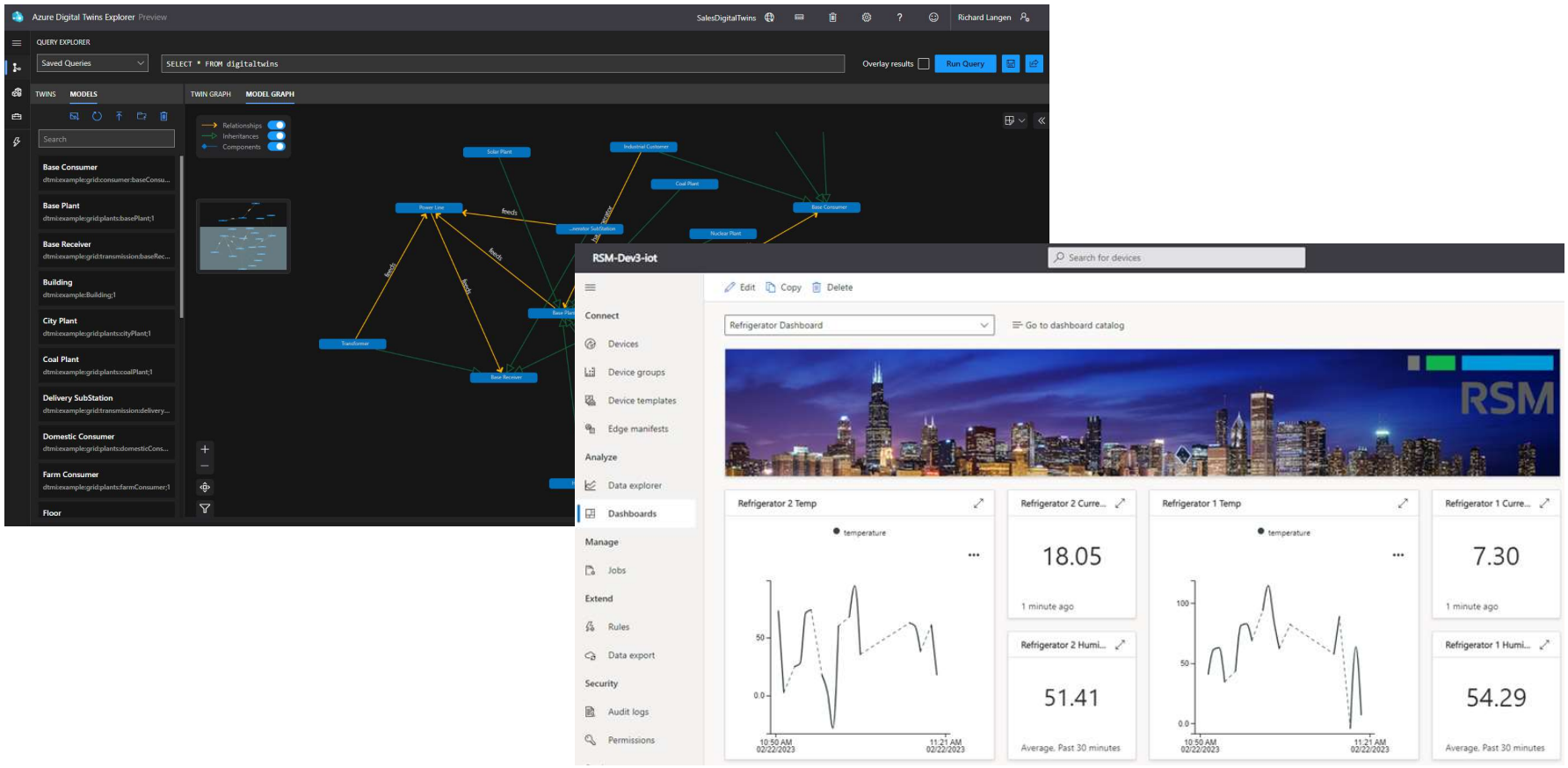
Azure IoT Hub

Digital Twins

Dataverse

RSM

Build a connected supply chain



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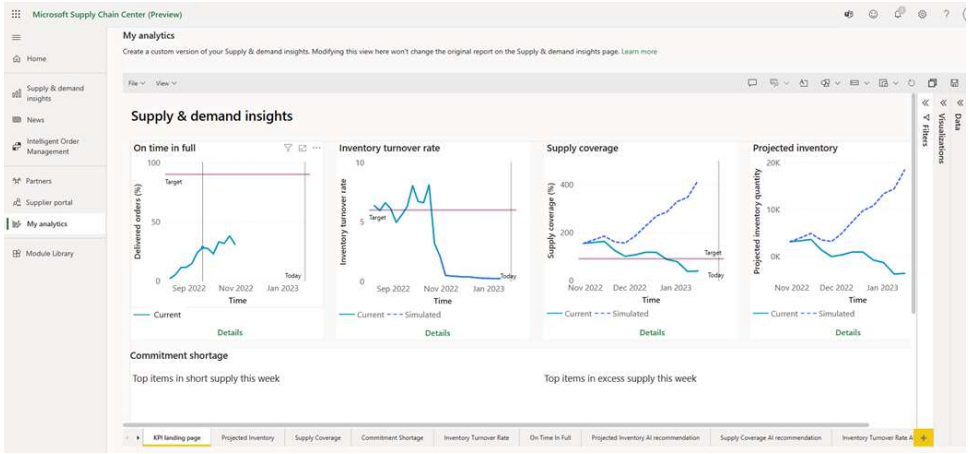
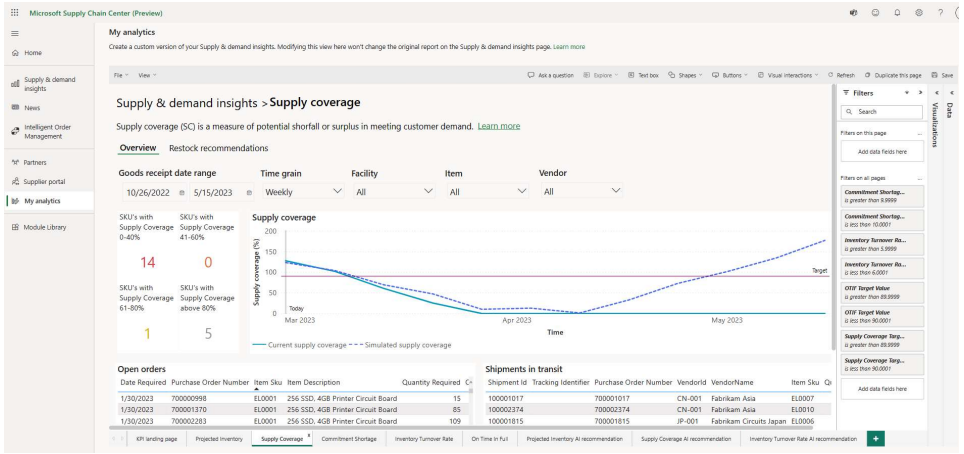
Reduce risk with better visibility

- Predict supplier constraints by gaining visibility into their supply chains
- Improve forecast accuracy with machine learning
- Predict stock-outs with real time inventory visibility and AI powered analytics
- Act on recommended actions in a collaborative manner to mitigate risk





Microsoft Dynamics 365 Supply Chain Management

Azure Synapse Analytics

Microsoft Teams

Microsoft Supply Chain Center

Power Platform

Azure

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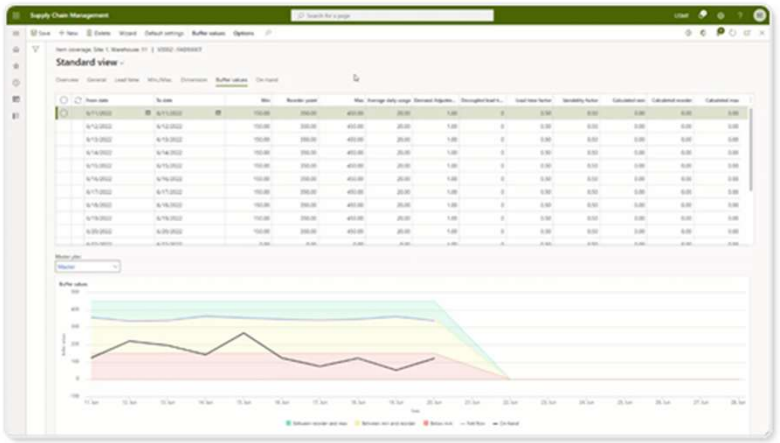
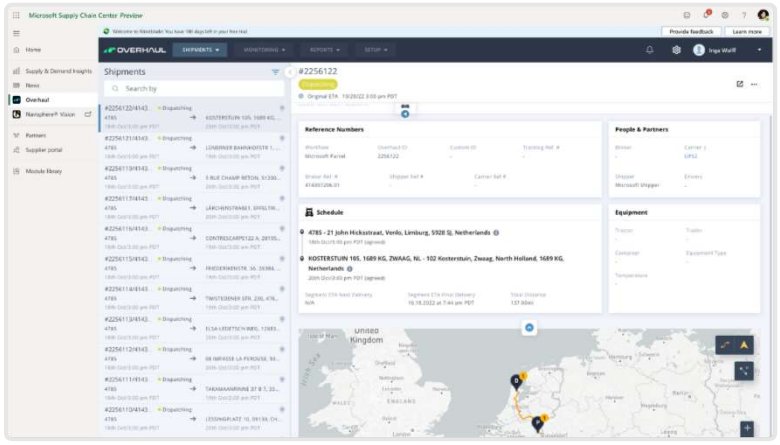
Gain agility to meet market demands

- Adapt to changing conditions by running MRP multiple times a day and automating fulfilling high priority orders
- Place the right inventory at the right location to optimize fulfillment based on reinforcement learning
- Mitigate fulfillment delays proactively by integrating with transportation visibility solutions





Microsoft Dynamics 365 Supply Chain Management

Microsoft Teams

Power Platform

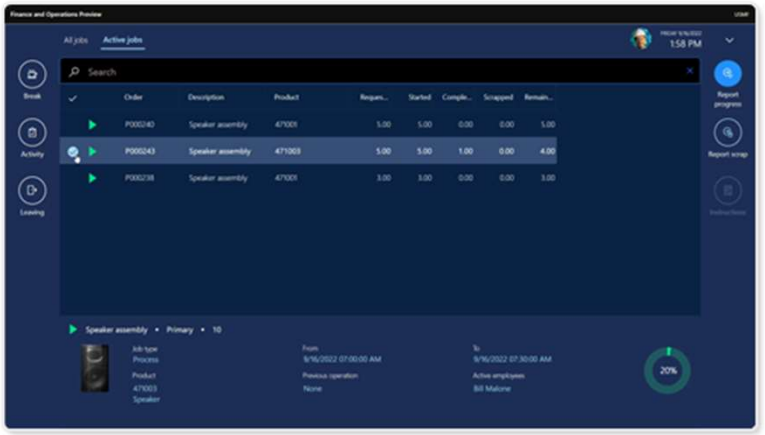
Microsoft Supply Chain Center

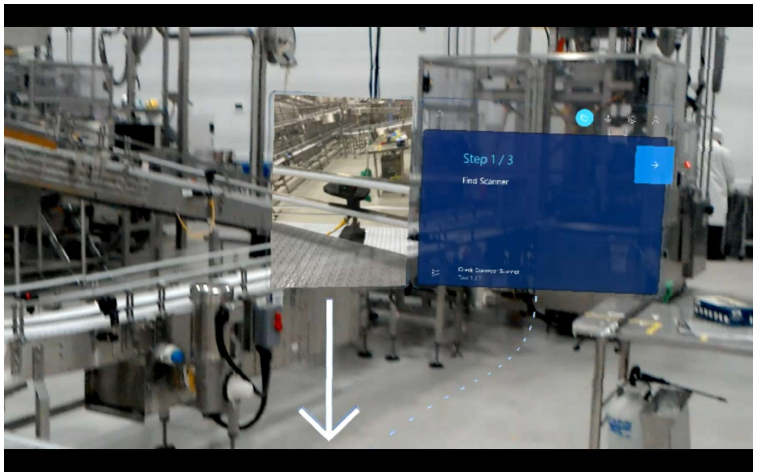
Azure

Office

Improved efficiency and productivity

- Prevent costly failure and improve asset productivity with predictive maintenance
- Enhance warehouse productivity with robotics, easy to use mobile app and embedded performance analysis dashboards
- Improve production floor execution with modern interfaces, connected assets and embedded Teams collaboration
- Accelerate upskilling with holographic work instructions





Microsoft Dynamics 365 Supply Chain Management

Microsoft Teams

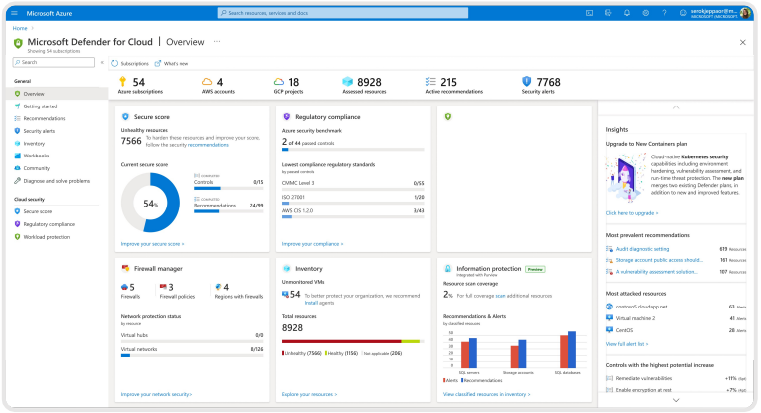
Power Automate

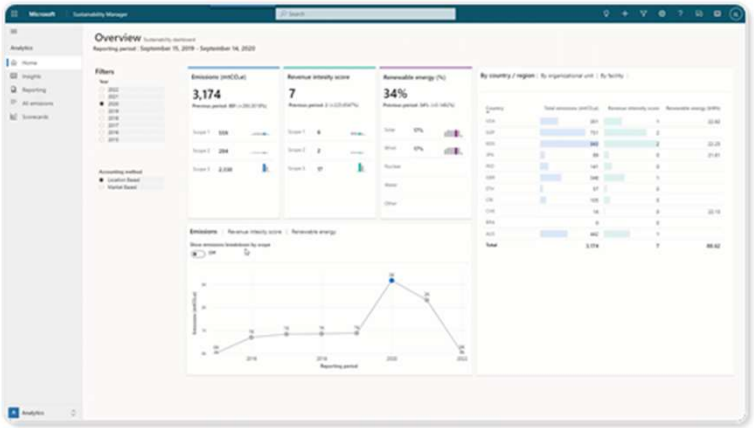
DYNAMICS 365 Guides

Power Apps

Create secure and sustainable value chains

- Record, report and reduce carbon emissions with pre-configured dashboards
- Fulfill order sustainably with a rules-based orchestration engine
- Create a secured supply chain by improving physical, endpoint, and cyber security



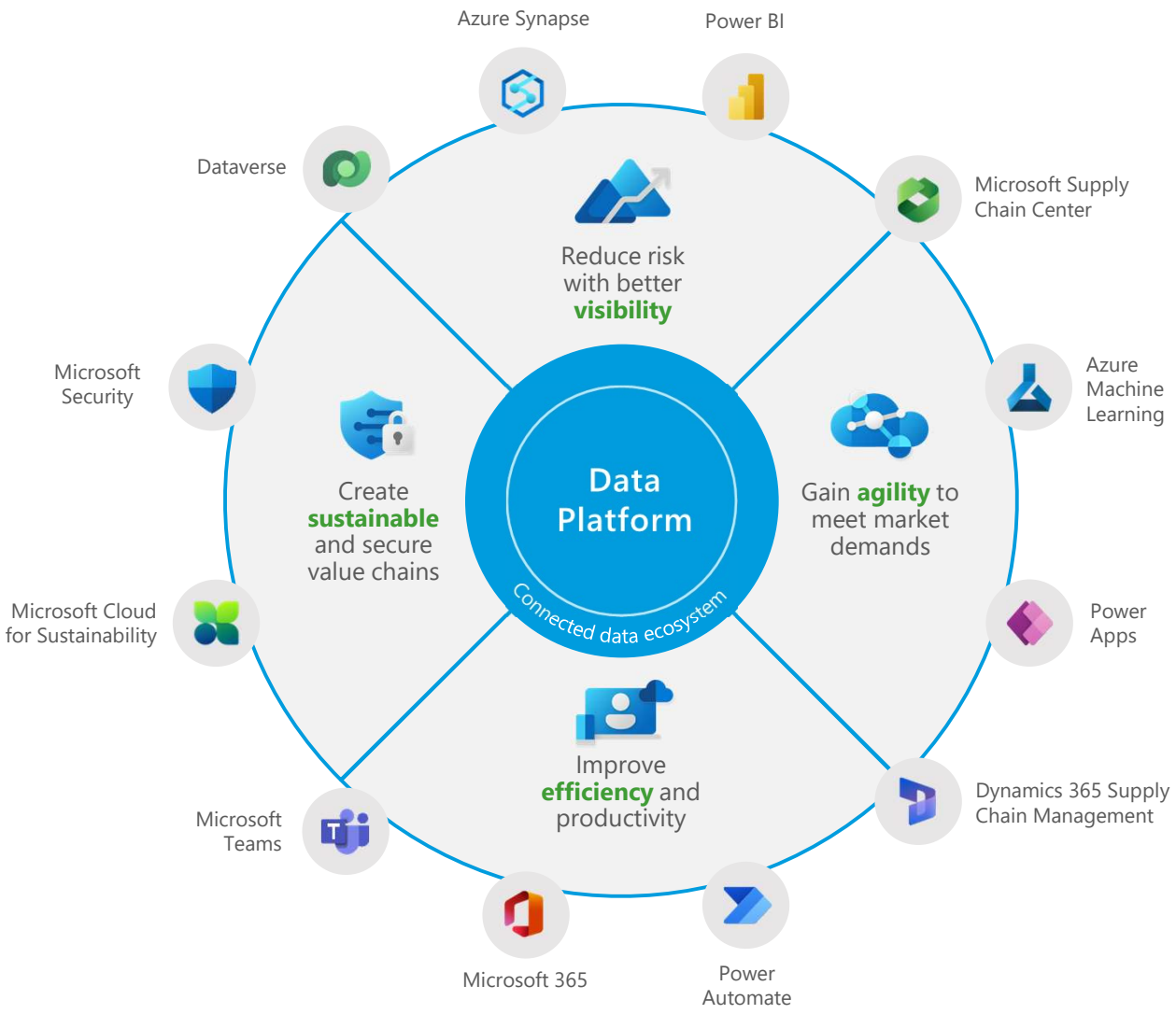


Microsoft Cloud for Sustainability

Microsoft Security

Microsoft Supply Chain Center

Intelligent Order Management


Azure Synapse
Power BI
Dataverse
Microsoft Supply Chain Center
Reduce risk with better visibility
Microsoft Security
Azure Machine Learning
Create sustainable and secure value chains
Data Platform
Gain agility to meet market demands
Connected data ecosystem
Microsoft Cloud for Sustainability
Power Apps
Improve efficiency and productivity
Microsoft Teams
Dynamics 365 Supply Chain Management
Microsoft 365
Power Automate

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Business value

Create a predictive supply chain

Up to **90%** improvement in OEE

Up to **3%** improvement in plant reliability

Up to **65%** increase in labor efficiency

Unlock your revenue potential while reducing costs

Up to **30%** reduced expediting expenses

$16B consumer goods company with 100,000 order lines/month over 5 years

$1.5B in increased revenue from improved customer experience

Build an empowered workforce

$2.3B in reduced expenses from optimizing fulfillment and returns

Up to **35%** Reduction in inventory[1]

$1.5B increase in planner efficiency1

Produce and operate sustainably

Up to **50%** increase in energy efficiency[1]

Up to **5-10%** reduction in waste/scrap[1]

Up to **$1.5B** reduction in energy cost[1]

1 Build a Resilient Supply Chain, IBISWorld

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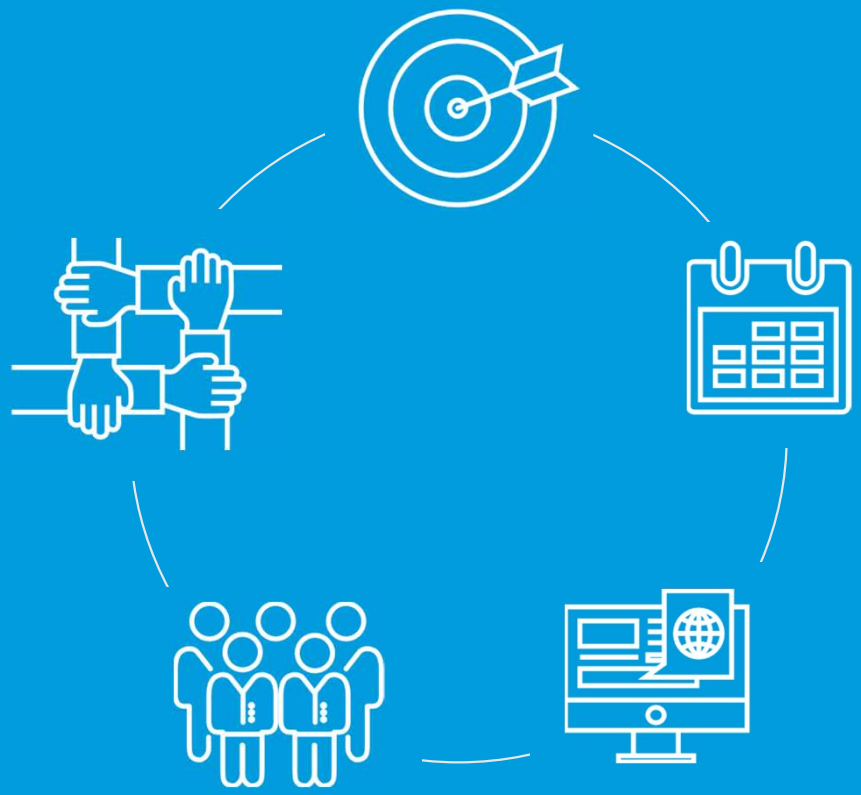
Become part of a resilient and safe supply chain



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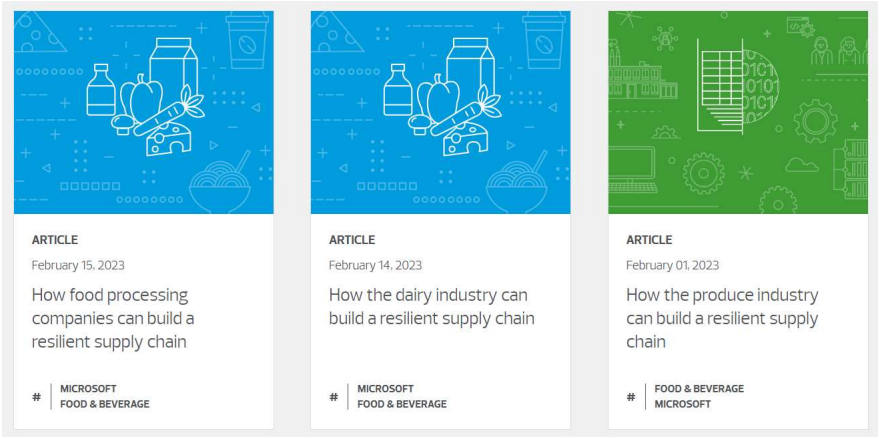
THANK YOU FOR YOUR TIME AND ATTENTION

Learn more at rsmus.com/insights/industries/food-beverage.html



Questions?

christian.winzeler@rsmus.com

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