Today’s Class:
Building a resilient supply chain
Speakers

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Supply Chain Master Class: Disaster Mitigation

Why are we here? What are we trying to accomplish?

Class Schedule:
• October 15: Building a resilient supply chain
• October 20: Post-COVID supply chains: lessons learned
• October 22: Augmenting the workforce with AMR
• October 27: Post-COVID safety measures for employees

Master Class Series – On-Demand
• Addressing Labor Challenges
• Cold Storage Trends
• Warehouse Technology Excellence
• Workplace Efficiencies and Safety
• SAP Supply Chain Excellence
Housekeeping

All phone lines are muted

Recording of today’s class and slides will be emailed to you within 48 hours

Questions:
• Ask questions during today’s class in the GoToWebinar Questions window
• Questions will be addressed at the end of today’s class or we will follow up with questions via email after class

Handout: Flexibility in WMS

Poll Question: How prepared is your supply chain to handle disruptions?
Ready… Set… Go!!!
But, inevitably, ...

When straight-line speed won’t get the job done!
And, inevitably...

"Coronavirus has disrupted supply chains for 100% of U.S. companies."

- Robert Martichenko
Post-COVID-19 Crisis Supply Chain (March 2020)
In today’s globalized and interconnected world, any major disruption – from a disease to a fire – has the potential to cascade through supply chains and permeate other systems.

Today’s supply chains are:
- Interconnected
- Tuned for cost and speed

Many organizations focus on how to make our supply chains more efficient by:
- Reduce operating costs
- Lean manufacturing
- Just-In-Time
- Reduced product lifecycle and outsourcing
- Investing in Technology

Many supply chains are not equipped to manage, mitigate and respond to disruptions…
Causes of disruption in our Supply Chain

**Natural Disasters**
- Global Pandemic (COVID19, SARS, H1N1, etc.)
- Floods, Tsunamis, and Hurricanes
- Earthquake

**Accidents**
- Train Derailments
- Airplane Accidents
- Ocean Container Spills

**Intentional Disruptions**
- War
- Terrorist Attack
- Cyber Attack

**Other**
- Geo Political (Regulations, Strikes, etc.)
- Currency Fluctuations
- Supplier goes out of Business
What is Resilience?

resilience  
noun

Definition of resilience

1  : the capability of a strained body to recover its size and shape after deformation caused especially by compressive stress

2  : an ability to recover from or adjust easily to misfortune or change
“Most supply chain leaders recognize that becoming more resilient is a necessity in the current environment. However, measures such as alternative factories, dual sourcing and more generous safety stocks go against the well-versed philosophy of lean supply chains that has prevailed in recent decades.”

-Geraint John, VP Analyst at Gartner
Why Build a Resilient Supply Chain

- Minimize Risk
- Barriers to Entry
- Prepare for unexpected
- Consumer Expectations
- Manage Compliance
- Drive Greater Efficiency
Strategies to Build a Resilient Supply Chain

- Multisourcing
- Nearshoring
- Manufacturing network diversification
- Inventory and capacity buffers
- Platform, product or plant harmonization
- Ecosystem partnerships

Source: Gartner, Six Strategies for a More Resilient Supply Chain
Strategies to Build a Resilient Supply Chain

- **Beyond the four walls by including suppliers, partners, manufacturers, distributers and retailers**
- **Connected Ecosystem**
  - Predict challenges and respond quickly

- **Supply Chain Visibility**
  - Diversify suppliers
  - Cover multiple geographies and/or regions

- **Multi-Sourcing**
  - Leverage analytics, data and information sharing

- **Information Technology**
Questions & Discussion
Post-COVID supply chains: lessons learned

COVID-19 has presented an unprecedented challenge to supply chains around the world with rapidly evolving customer demand and expectations meeting strained resources and lack of automation.

Join Derek Curtis on Tuesday, October 20th to hear about some of the most valuable lessons learned from supply chain industry experts in this Masterclass; and explore how COVID has reshaped our thinking around disaster mitigation.

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