



SUPPLY CHAIN CONTROL TOWER



Supply Chain (A Century Ago)

33

Countries in which operated.
From ABCD forests to Northern
mines

28

Hours for the iron ore to turn into
finished automobile

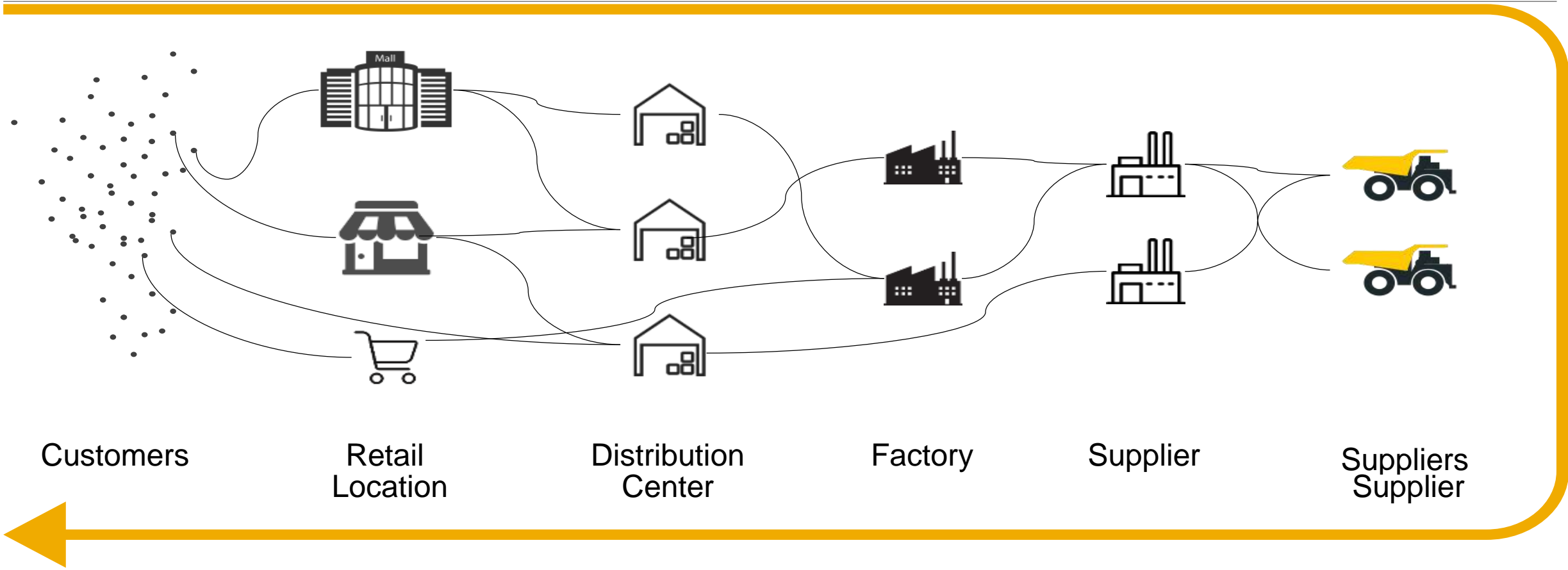
700,000

Acres of timberland

16

Coal mines controlled by Ford
Motor Company

Scope of Supply Chain From First to the Last Mile



Customers

Retail Location

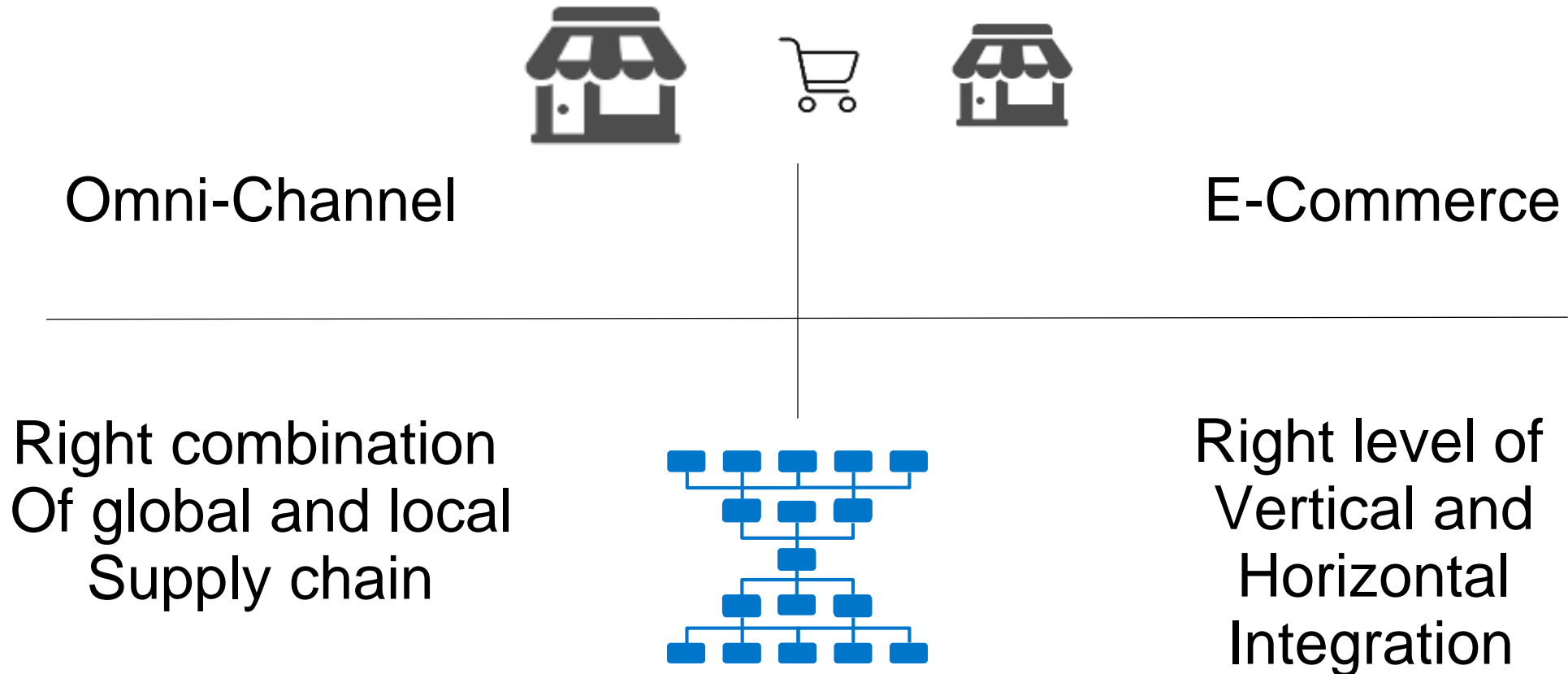
Distribution Center

Factory

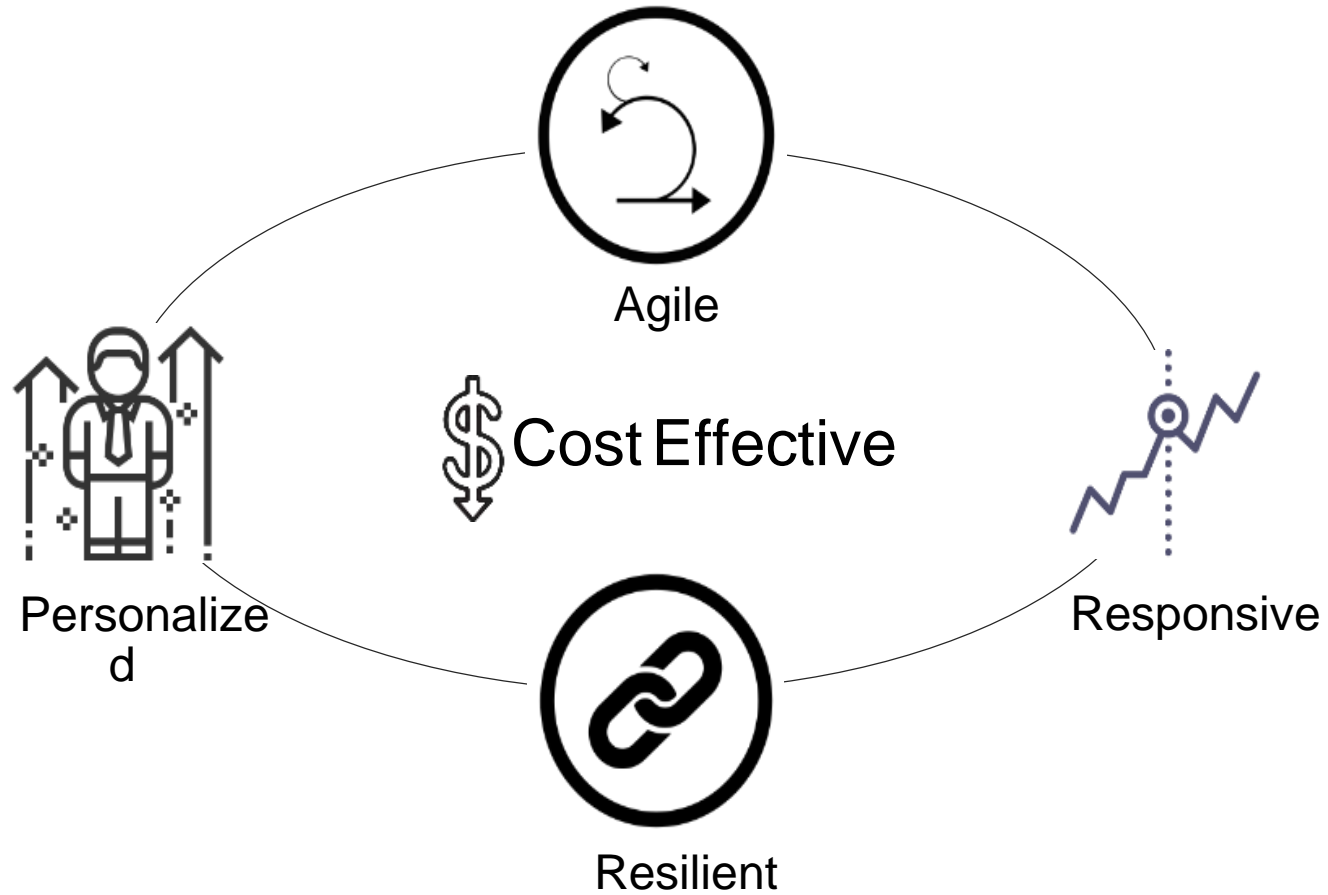
Supplier

Suppliers Supplier

Trends Driving Supply Chains Today



Demands on Supply Chain



The Demands on Supply Chain Can Make or Break an Organization

E-commerce generates a lower operating profit for us than four-wall brick-and-mortar.

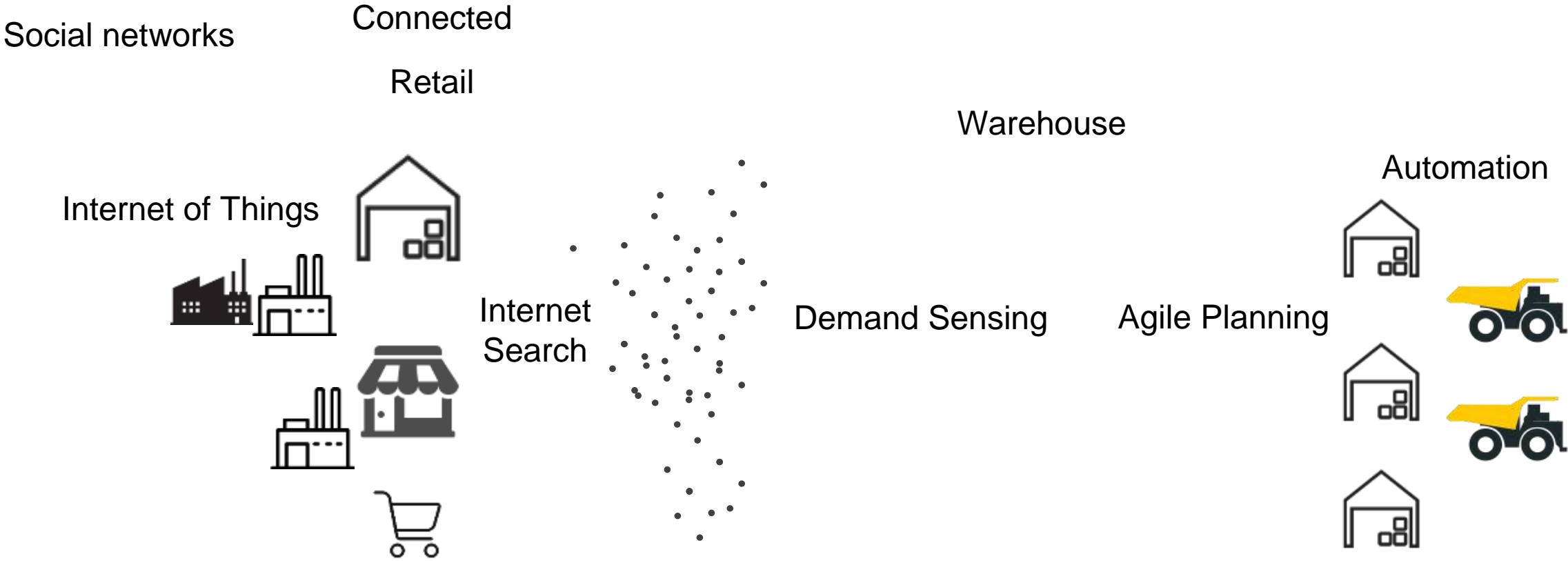
When the consumer requires free delivery, free return, wonderful packaging, plus there's a new trend that people are buying multiple sizes of things to try them out at home and then return them, that all is a negative headwind for us.

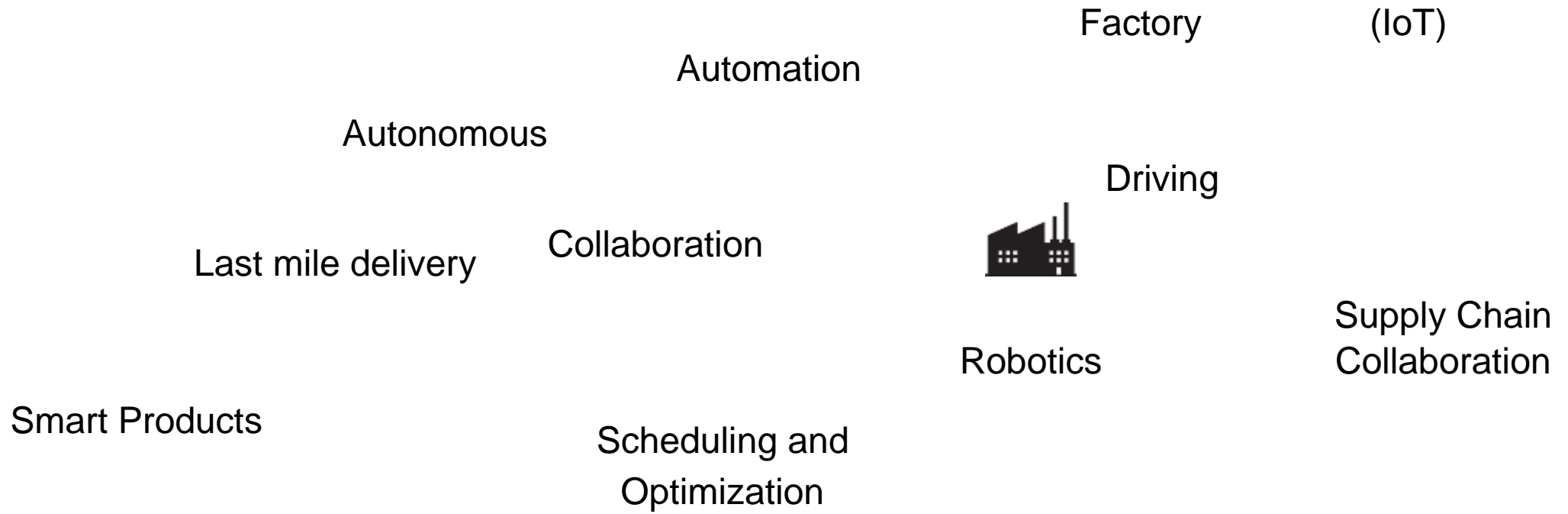
- **John Idol, CEO of Michael Kors**

Only 19 percent of the top 250 retailers (and only 16 percent of all respondents) say they can fulfill omni-channel demand profitability

- **The Omni-channel Fulfillment Imperative**

Elements of Supply Chain Transformation

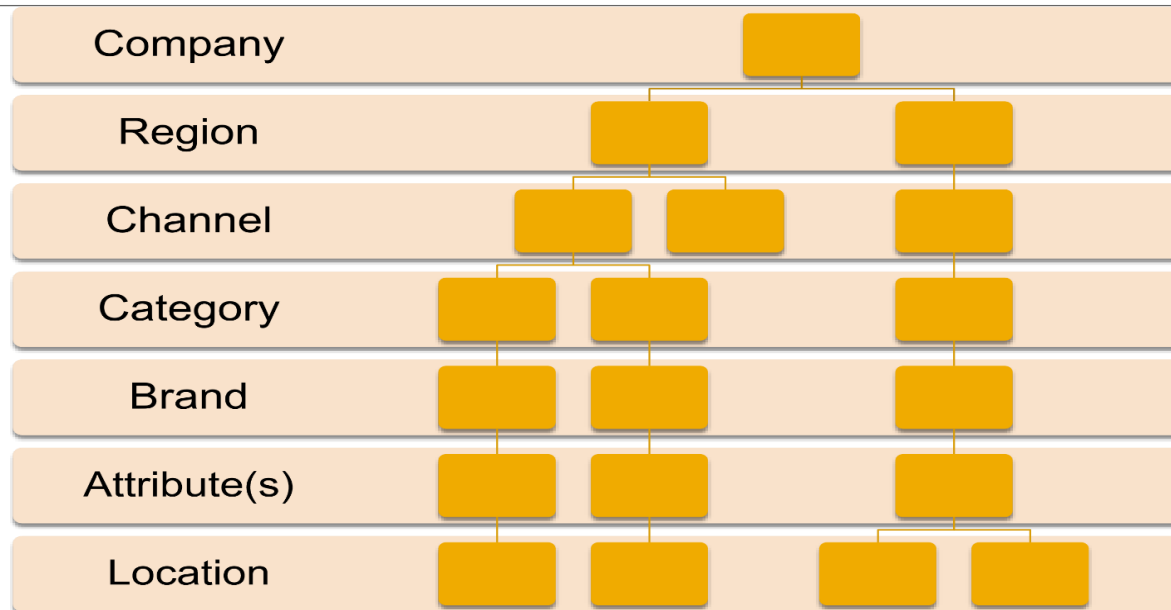




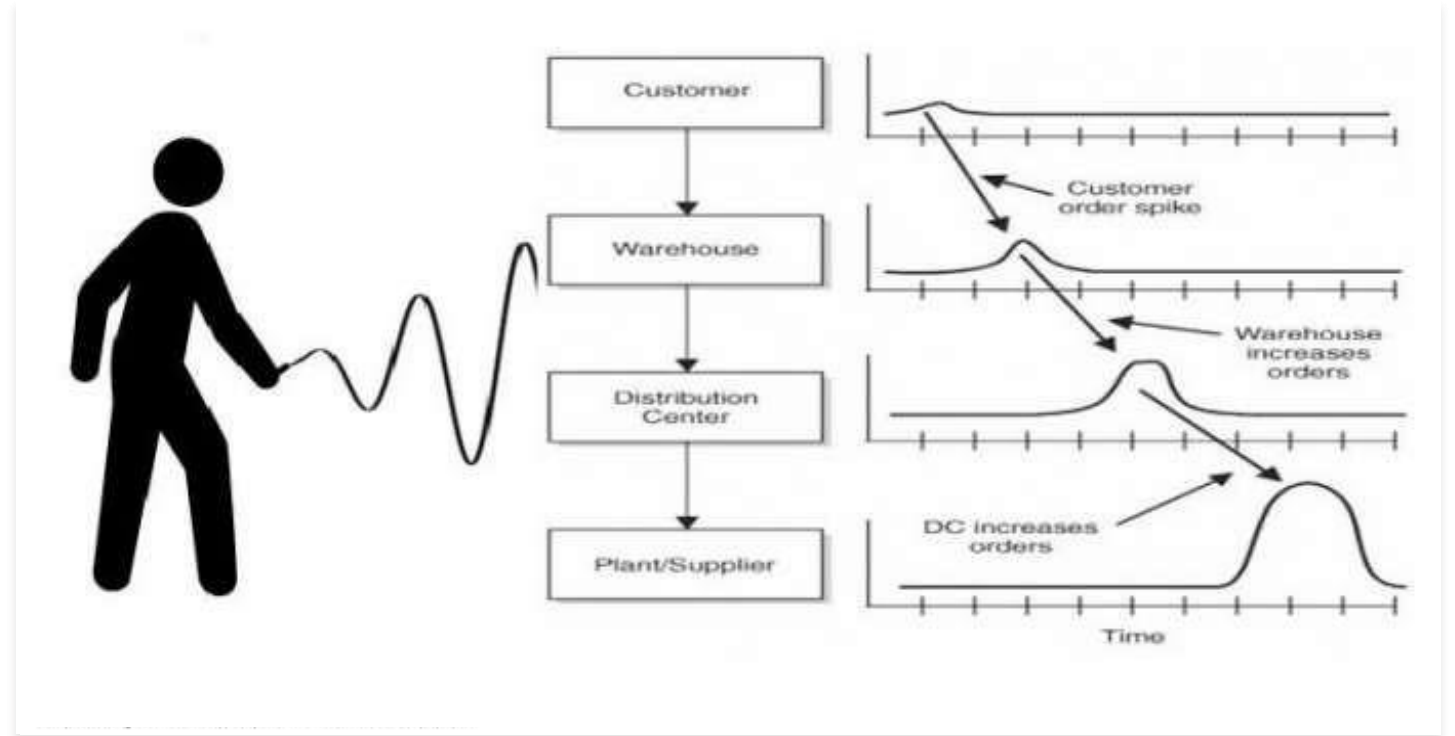
Demand Planning is Getting More Granular Category, Product, Geography, Customer Segment

Demand Factors

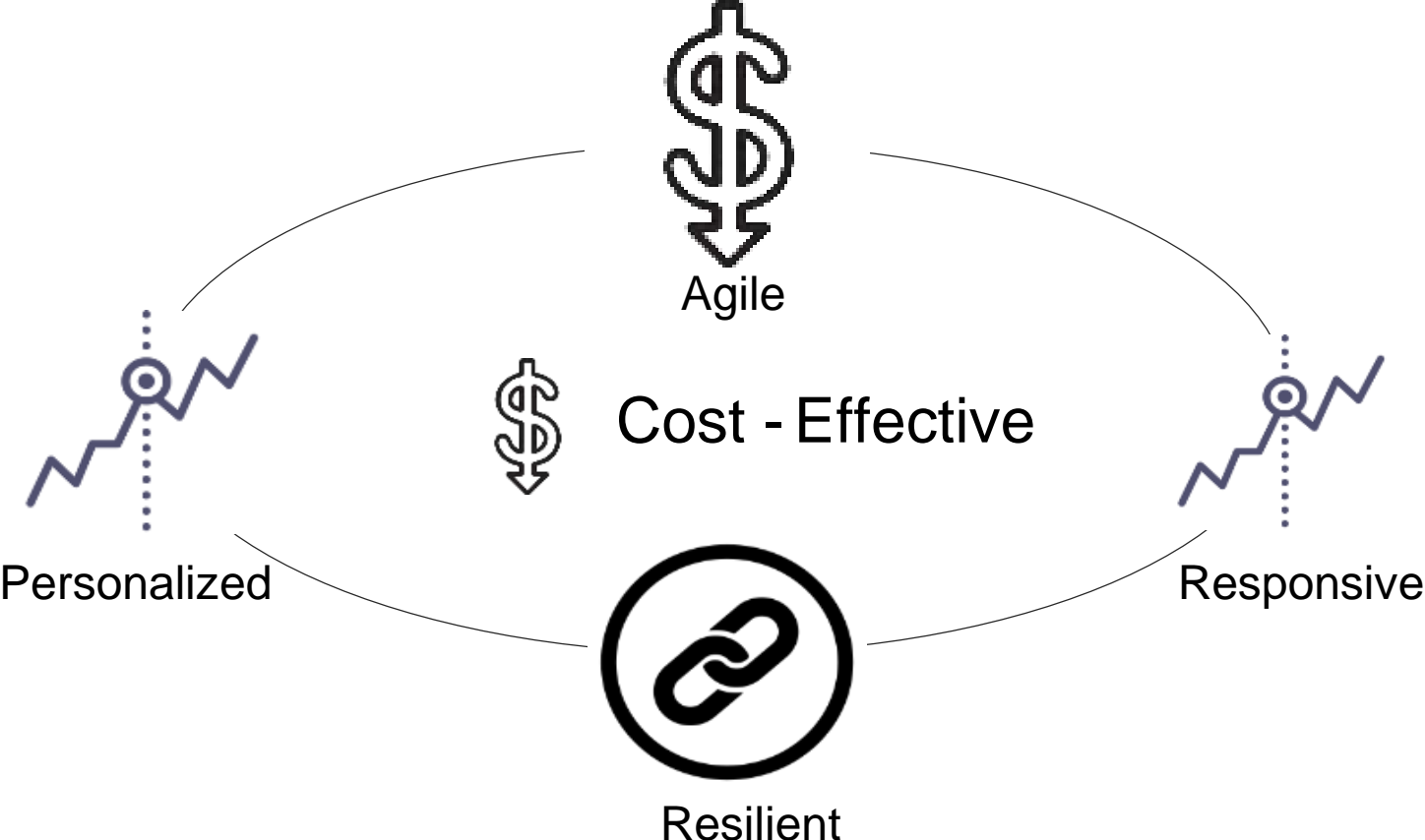
- Simultaneous external demand from multiple customers
- Seasonal, time-varying demand
- Intermittent demand
- Promotions, Outliers
- Over- and under- forecasting
- Consideration of recent process changes



Demand Forecasts have Large Impacts on Deep Supply Chains



Responsive and Intelligent Order Fulfillment



Inventory Management

Requires appropriate inventory positioning and agility

Real world is

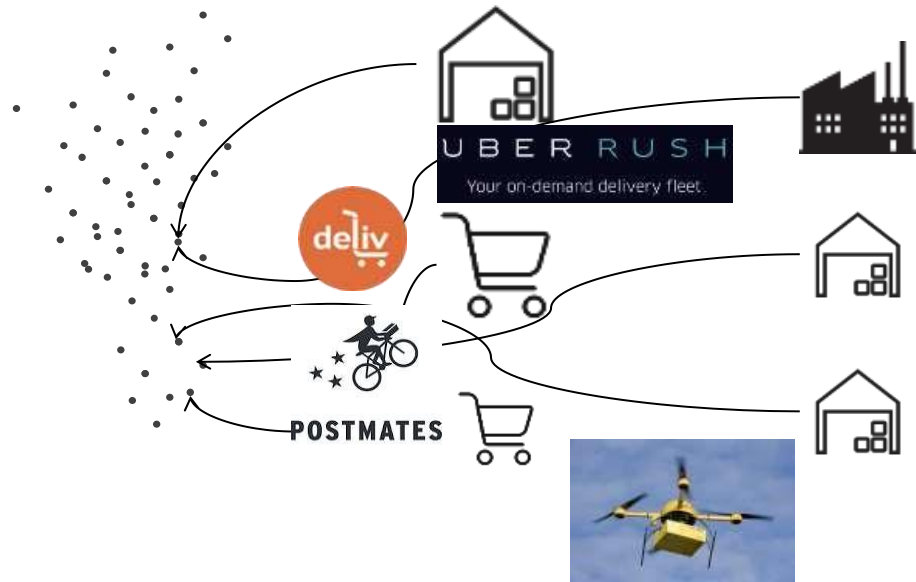
Stochastic

Made of multi-stage networks

Dynamic

Integrated

Last Mile Delivery



- Same-day delivery
- On-demand logistics integration
- Local commerce

Supply Chain Visibility



Jabil Supply Chain Control



- Full to segmented supply chain visibility
- Upstream and downstream supply chain visibility
- Intelligently handle unexpected events

Supply Chain Management is Driving Digital Transformation



Many digital transformation initiatives are related to supply chain management

- Omni-channel
- Connected retail
- Real-time supply chain planning
- Data science
- Robotics Internet of Things (IoT)

How and Where to Get Started

		360 customer view
		Last mile logistics
		Connected retail / Buy online pick up at store
	Multi-channel CRM	
Logistics optimization	Logistics design and optimization	Warehouse strategy
Inventory optimization	Inventory optimization	Inventory optimization
Responsive order fulfillment	Channel specific order fulfillment	Omnichannel order management
Single Channel	Multiple Channels	Unified inventory
		Omni-channel