

What is Retail Today (and Tomorrow)?

- Reshaping Demand
- Reshaping Expectations
- Reshaping Facilities
- Reshaping Delivery









Randall Park Mall
Sources: http://www.cleveland.com/remembers/index.ssf/2011/04/randall_park_mall_and_the_smel.html
http://news.yahoo.com/photos/abandoned-mall-that-was-once-the-largest-in-the-world-1421355579-slideshow/



The Empowered Consumer

- We demand a diverse selection that is always in stock.
 - If the item is not in stock or at the price we want, we'll find it someplace else
- We are informed.
- We require flexibility
 - Order on line, through the mail, on the phone, or in stores.
 - Take home from stores, delivered to the house or office, delivered to someone else.
 - An equally flexible return policy.
- We demand service.
- We care about the environment.
- We want delivery to be free.



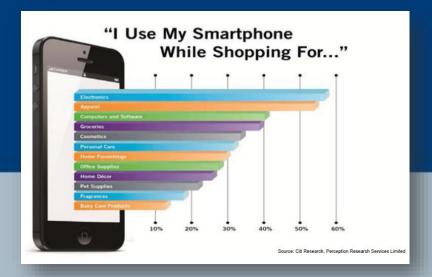




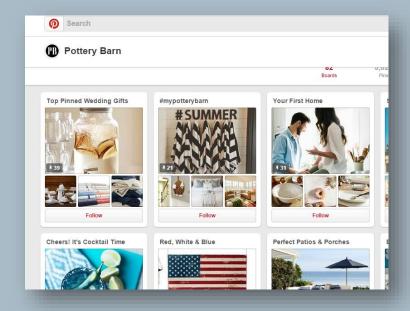


Retail Channels

- Omni-channel defined as retail merchants that use multiple channels to reach and serve their customer base.
- M-commerce defined as mobile commerce and refers to the increased use of tablets and smart phones role in retail trade.
- Social commerce defined as the use of social media sites such as Facebook and Pinterest to market products, build awareness and increase demand.
- Since 2010, more than 24 enclosed malls have closed and 60 more are on the brink of closing.



Source: Cassidy Turley





Changing Retail Changes Freight Imperatives

- Free shipping
- Faster delivery
 - Free two day delivery
 - Next day delivery
 - Same day delivery
- To anywhere
 - Rural and less accessible locations
 - Manhattan







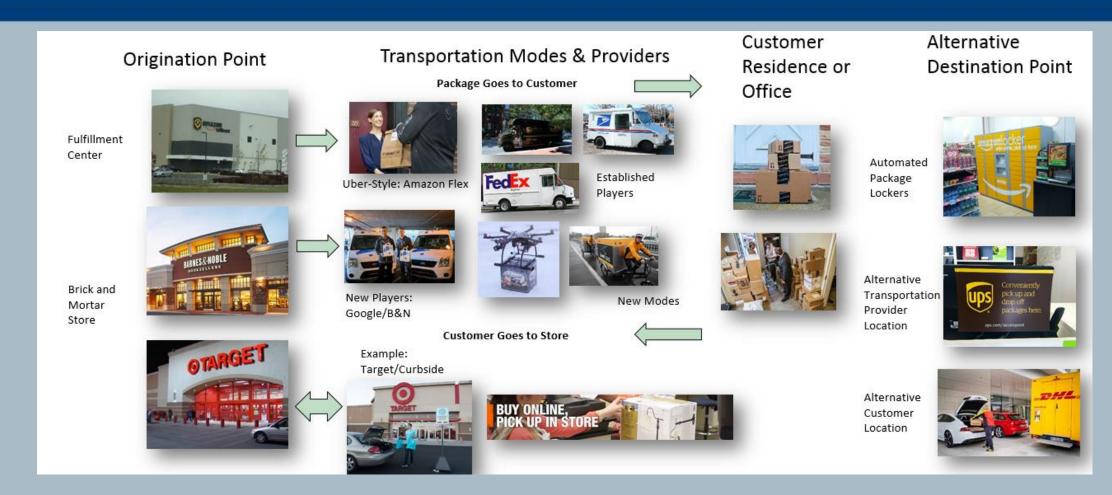








The Changing Last Mile Landscape





Changing Origin Points

Origination Point Fulfillment Center Brick and Mortar Store

- Fulfillment centers have at least 3x the workforce of typical distribution centers.
 - Workforce, access and traffic considerations
- Brick and mortar stores are closing, shrinking in size or shifting their function.



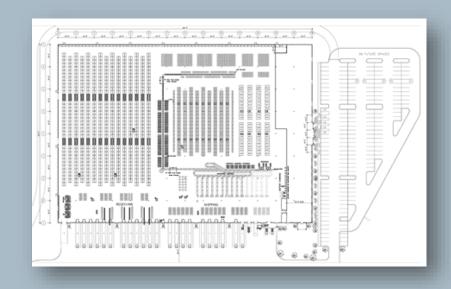








Distribution Center Layouts







Fulfillment Centers – More Truck and Associate Parking





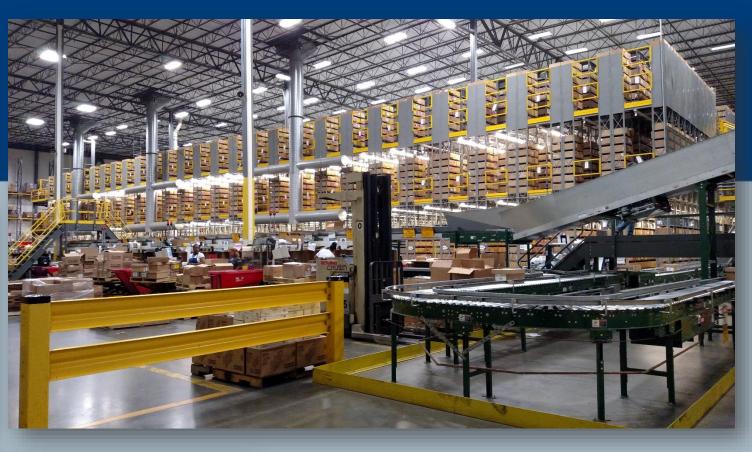




Interior Functions



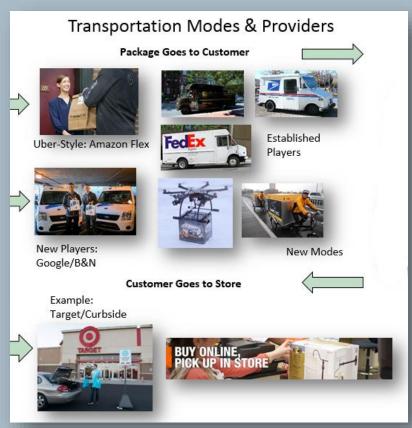








Changing parameters, markets and competitors



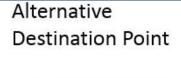
- Repurposing existing providers
 - In 2015, the USPS handled 40% of Amazon's shipments.
- Going Uber style
 - Amazon Flex, Instacart, Postmates, Deliv
- Starting new services
 - Google, Curbside
- Bringing back modes
 - B-Line Freight Bikes
- Prototyping new modes
 - City of Chiban (Japan) drone program





What to do with all those packages

Customer Residence or Office













Alternative Customer Location



- At-home delivery conveniences and issues.
 - Residential buildings were not designed for the current and projected levels of package deliveries.
- Alternatives:
 - APLs operated by shippers, providers and third parties.
 - Alternative locations near the end users.
 - UPS Access Point
 - Alternative customer-controlled locations.
 - Audi/DHL/Amazon trunk trial program

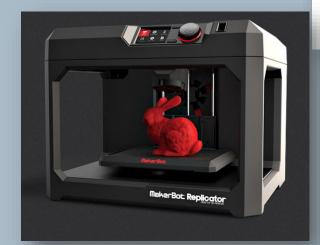




The Take Away – Retail and the Last Mile and Still Evolving

- Follow the consumer
- Monitor the regulatory landscape
- Track new technologies
- Identify new service providers

The Supply Chain is ever evolving.









Thank You

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