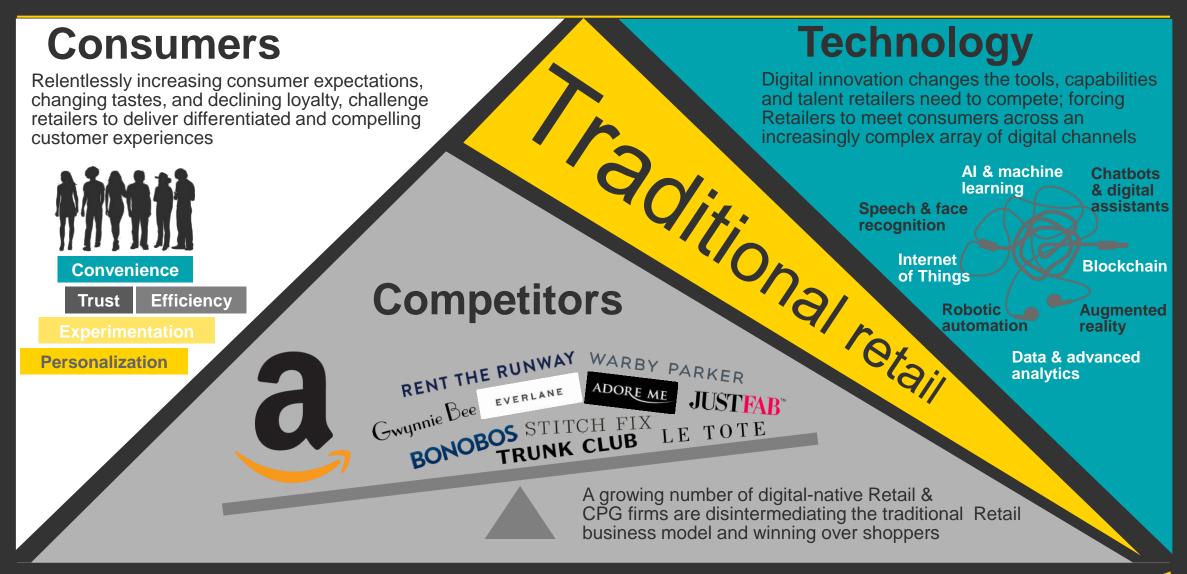


## Three key sources of disruption in the Retail environment



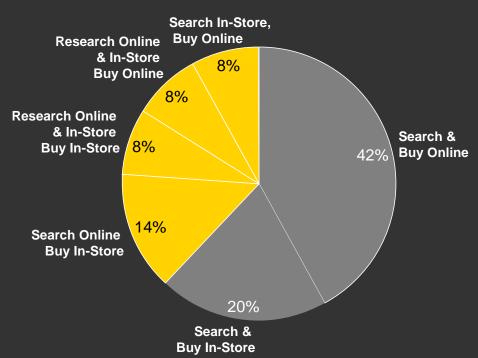
# What consumers want from brands, how they shop and how they interact with brands is changing

Seeking: LATTE\* Value for money **Personalization Experimentation** organic Anytime, **Shopping:** Channel More frequent, anywhere. **Experience** smaller baskets promiscuity anyhow Social Informed **Trust** Better-for-you Interacting: confusion engagement



<sup>\*</sup>Local Authentic Traceable Transparent Ethical

### The limits between physical and digital become blurred...

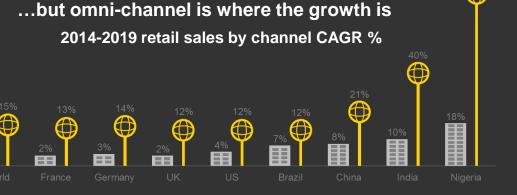




Bricks and mortar stores will continue to be the dominant contributor of sales globally...



74% say store-based sales will continue to dominate in the next five years



Internet

Store-based

of consumers leverage multiple channels in their purchasing journey



## Fulfilment, Fulfilment, fulfilment...

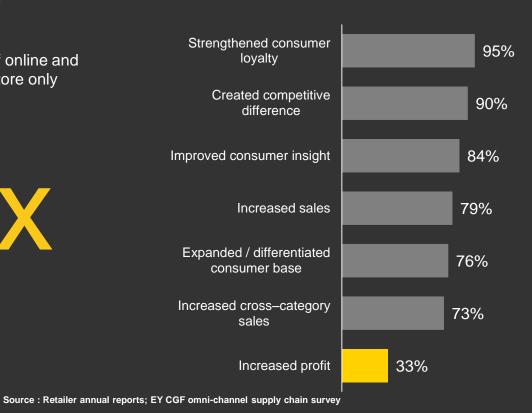
As omni-channel matures, focus shifts from growth to efficiency

# Omni-channel shoppers spend more...

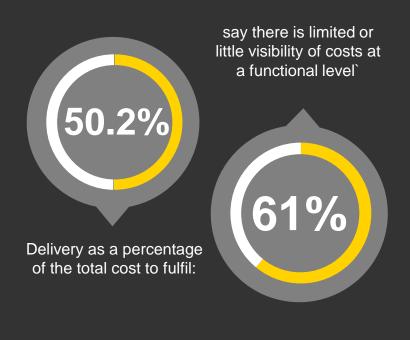
Average annual spend of online and store customers vs. store only



#### ...but are not seen as profit drivers...



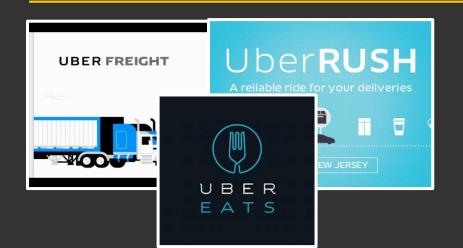
## ...creating challenges for the broader Value Chain



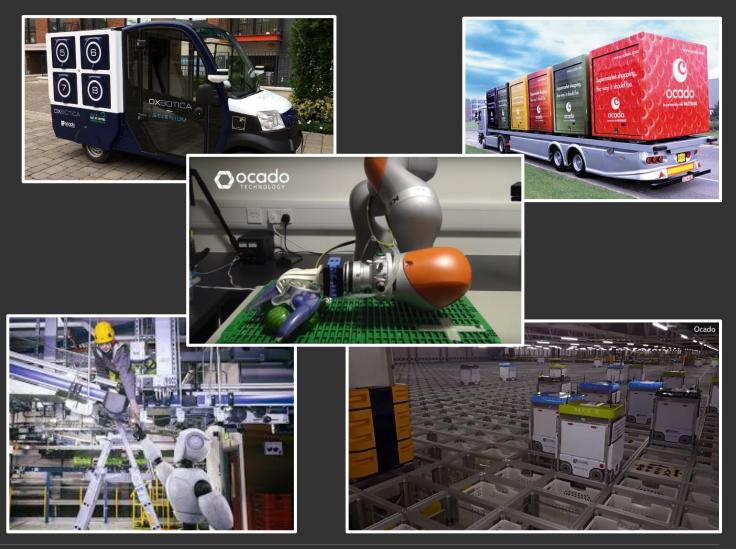
Source: IGD Online Order Fulfilment survey



# Technology and the new sharing economy, push margins and challenge current business models

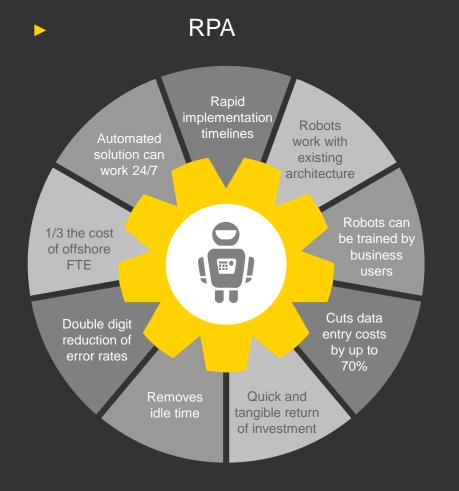




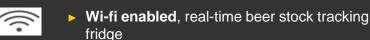




# Maturing technologies increase visibility & efficiencies across the Value Chain



IoT





Mobile app and web portal allows setup wi-fi, configure beer selection in fridge and monitor updates



 Synced with local beer-delivery partners – Minibar and Saucey



 Alphanumeric LED display for inside temperature and connectivity options

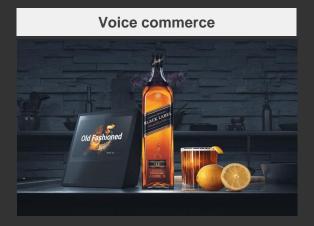


Real-time updates to sports fans for replacement of beer supply for game days





#### Digital Assistants







# Maturing technologies increase visibility & efficiencies across the Value Chain

#### Blockchain

A plenty of informations can be gathered and continuously tracked from each production step along the entire supply chain, with the goal to deliver certificated products data among their origin and quality. Once done, certification and publication will take place though data storicization on Blockchain, leveraging on digital blocks **Process Steps** Production Transformation Packaging Distribution Post Sales From fields cultivation Raw material Traceability, Claims, Products enclosure Logistics to grant to harvesting process and protection sales availability downstream Consumers Requests transformation DATA DATA DATA DATA Blockchain 23456a-01 23456a-01/b November, 9th - h 4.05 PM July, 11th - h 10.20 AM October, 21th - h 7.30 PM October 2nd - h 6.26 PM Data gathering directly from the Data gathering directly from the Data gathering from logistics among Data gathering from the field (e.g. cultivation, harvesting) entire distribution process transformation process packaging process Inspections and lab analysis that can be executed by Institutions The end consumer can access all information through a smart label able to notarize their certification straight on the Blockchain linking to a landing page with story-telling and interactive solutions



## Digital threats are evolving and Cyber-security is a must

#### Cybersecurity threats are constantly evolving, and global corporations are being targeted

- Attackers are patient, persistent and sophisticated.
- Challenges have caused a paradigm shift in information security processes.
- Organizations must alter their mindset on how they think about cyber threats, risks and capabilities.
- ▶ The gap between threats and information security advances is widening, i.e., the challenge for global, leading companies is outpacing progress.

#### Unsophisticated attackers (script kiddies)

- Experimentation
- You are attacked because you are on the internet and have a vulnerability.

### Sophisticated attackers (hackers)

- Monetization
- You are attacked because you are on the internet and have information of value.

### Corporate espionage (insiders)

Your current or former employee seeks financial gain from selling your intellectual property. State-sponsored attacks (Advanced Persistent Threat (APT)), Hacktivism, identity thefts

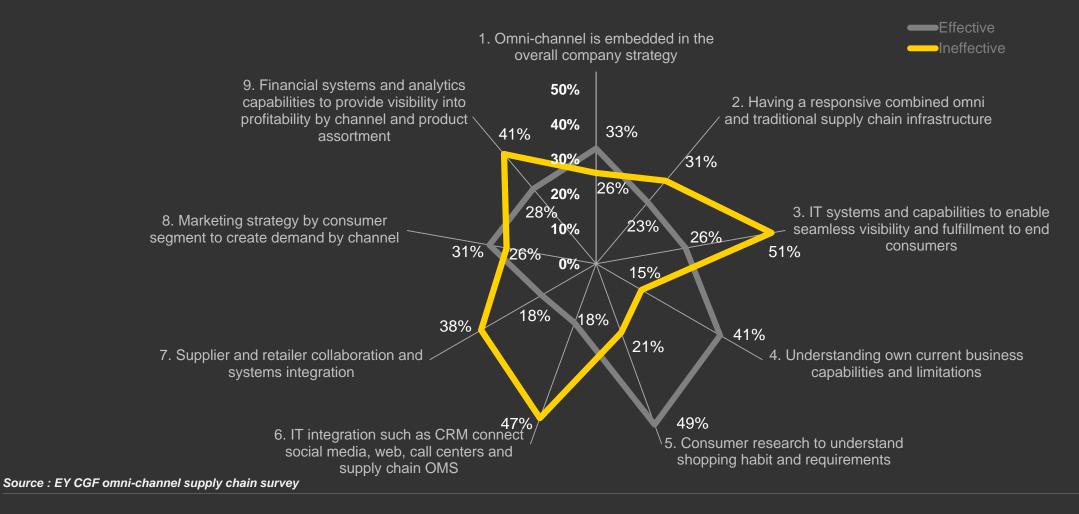
- You are targeted because of who you are, what you do, or the value of your intellectual property.
- Cyber attacks occur to promote political ends.
- Theft of Personally Identifiable Information (PII) increases.

1980s/1990s 2014+



## New skills are a prerequisite to meet new challenges

How effective are companies is for each of the following enablers of a successful omni-channel supply chain strategy. Note: Enablers are positioned in the order of ranked importance



#### Re-thinking the business model:



#### Strategy

> Is our business strategy fit-for-purpose for the challenging new business world?



Organization

- > Do we have the appropriate & sufficient talent pool to meet emerging needs?
- > Our Talent pool has sufficient Digital capabilities?



Processes

- > Our process blueprints are compatible with the upcoming needs?
- > Where can Digital platforms be used to optimize process?



Compliance

> Is our operational framework in place to meet new and upcoming regulations and standards?



Customer

> Where can Digital platforms improve the end-to-end customer journey and enhance experiences?



Risk

- > Is our Risk Management framework in-place and up-to-date?
- > Does the Cyber Security framework meet business needs? Our Data Privacy policy is clear and accessible?



**Partners** 

> Where can data and technology enhance collaboration? Are there potential new partners?



Info. Tech.

> How can technology and data help to drive innovation, operating effectiveness and efficiency?

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