



# Responsive retail: BUILD IN, NOT OUT

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# Agenda

7 trends impacting in-store  
technology and CX engagement.  
4 strategic choices for 2017.

# 1 Meet your new BFF

It's likely a chatbot



>90%

voice word accuracy rates for Baidu, Google, and Hound voice search<sup>1</sup>

Baidu: Mandarin. Google and Hound: English.

3X

faster to shop using voice search than navigating menus in mobile apps<sup>2</sup>

10+

Number of exchanges with customer using Sephora's chatbot<sup>3</sup>



Chatbot image: <https://www.theguardian.com/technology/2016/sep/18/chatbots-talk-town-interact-humans-technology-silicon-valley>; 1. KPCB, Internet Trends 2016; 2. Sundar Pichai, Google CEO at 2016 Google I/O Keynote 3. [Mercury News](http://www.mercurynews.com), June 5, 2016

# 2 ROBOTICS

Empowering associates to focus on the customer



Chloe photo source: Fox5NY.com; LoweBot images: [www.lowesinnovationlabs.com/lowebot](http://www.lowesinnovationlabs.com/lowebot) and [www.adweek.com/digital/5-bleeding-edge-brands-are-infusing-retail-artificial-intelligence-175312/](http://www.adweek.com/digital/5-bleeding-edge-brands-are-infusing-retail-artificial-intelligence-175312/); 1. [https://www.firstdata.com/en\\_us/about-first-data/media/press-releases/01\\_09\\_17.html](https://www.firstdata.com/en_us/about-first-data/media/press-releases/01_09_17.html)

# LoweBot

NAVii™ autonomous  
Retail Service Robot  
in 11 stores

# TALLY

Fully autonomous shelf auditing  
and inventory control



# Internet of things value creation

We are just beginning to see the impact of the Internet of Things



Retail



Transportation



Logistics

Time Zara spends on store inventory after installing RFID tags<sup>1</sup>

1/8 the time

Fuel Savings for AirAsia Group

\$10M

based on engine performance data <sup>2</sup>

Additional cost for 1 extra mile driven each day by all UPS\* Drivers WW<sup>3</sup>

\$30M

# 4 Operational wearables

Next-level on-site & in-field productivity



Information where you need it.  
Converted into action.  
Action converted into value.  
Clear ROI in time savings, accuracy.

# 3000

Employees using voice-activated Teatro wearables at The Container Store<sup>1</sup>

The Container Store image: [nrf.com/news/over-and-out-the-walkie-talkie](http://nrf.com/news/over-and-out-the-walkie-talkie);  
Lifting image: [www.psfk.com/2016/05/how-wearable-tech-can-reduce-workplace-injuries.html](http://www.psfk.com/2016/05/how-wearable-tech-can-reduce-workplace-injuries.html);  
Smart goggles image: Intel.

1. The Container Store [news release](#), June 14, 2016

# Never Have to Say, 'Sorry, out of Stock'

\$1.1 TRILLION

Inventory distortion costs  
retailers collectively nearly

globally<sup>1</sup>

Same store sales  
could increase

7.5%

if this problem was  
completely fixed<sup>1</sup>



1. [www.ihlservices.com/product/inventorydistortion/](http://www.ihlservices.com/product/inventorydistortion/)



# Visual and VIDEO search On the rise



Pinterest Visual Search images: [techcrunch.com/2017/02/22/how-pinterests-visual-search-went-from-a-moonlight-project-to-a-real-world-search-engine/](http://techcrunch.com/2017/02/22/how-pinterests-visual-search-went-from-a-moonlight-project-to-a-real-world-search-engine/)

1. [money.cnn.com/2017/02/08/technology/pinterest-lens/](http://money.cnn.com/2017/02/08/technology/pinterest-lens/), 201;

2. [www.kpcb.com/blog/2016-internet-trends-report](http://www.kpcb.com/blog/2016-internet-trends-report)

## 1 Billion

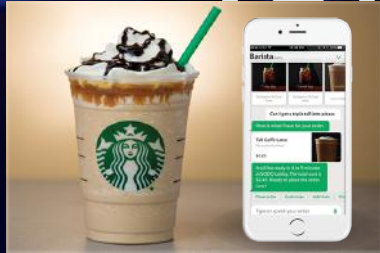
Objects can be recognized by LENS, Pinterest visual search new feature<sup>1</sup>

## 10-20 Million

Snapchatters view live stories each day. More users watched college football and MTV Music Awards on Snapchat than watched the events on TV.<sup>2</sup>

# 7 machine learning & Personalization

Artificially but still feels personal



Global revenue from AI:  
**\$36.8 Billion**  
by 2025  
(up from \$643.7 million in 2016)<sup>1</sup>

Starbucks app, Amazon Echo, and Marchesa/Watson dress images: [www.adweek.com/digital/5-bleeding-edge-brands-are-infusing-retail-artificial-intelligence-175312/](http://www.adweek.com/digital/5-bleeding-edge-brands-are-infusing-retail-artificial-intelligence-175312/)

1. [www.tracica.com/newsroom/press-releases/artificial-intelligence-revenue-to-reach-36-8-billion-worldwide-by-2025/](http://www.tracica.com/newsroom/press-releases/artificial-intelligence-revenue-to-reach-36-8-billion-worldwide-by-2025/)

# 4 strategic choices for 2017.

**Which are really recommendations for enabling Responsive Retail in 2017 and beyond.**

# It's about in Store

# technology prioritization

Silo'd.

No integration.

No cumulative effect.

More a vendor's favor, less yours.

# touchpoint OR

# journey

Integrated. Holistic.

From online beginning to follow-up service end.

Inclusive of content.

Data acquisition and analysis.

Enabling technology and business process.

Other names and brands may be claimed as the property of others.

Source: "The CEO Guide to customer experience," McKinsey and Company, August 2016.

# It's about IT INVESTMENT

**Sparked by technology.**

Shiny new objects.

One-off pilots.

Lab tests.

Vendor-paid pilots.

# INNOVATION OR

**At the intersection of people, process, and technology.**

# TRANSFORMATION

Business Process automation,  
Acceleration, or disintermediation.

*Enabled by technology*  
Joint-investment pilots.

# ON

Sources: /images: Star-tribune.com; Eptica.com; Source: 1. Minewhat.com, Nov. 2014 2. Internet Retailer, 2013 3. Internet Retailer 2015  
Other names and brands may be claimed as the property of others.

# It's about IT strategy

**Fixed and closed.**

Looks inward.

Products.

Limited data sources.

It's about the internal processes.

enterprise **OR**  
digital

**Agile and Open.**

**Looks Outward.**

Products and services.

**And ever-new services.**

**Unlimited data sources.**

**It's about the customer.**

Sources: images: Star-tribune.com; Eptica.com; Source: 1. Minewhat.com, Nov. 2014 2. Internet Retailer, 2013 3. Internet Retailer 2015  
Other names and brands may be claimed as the property of others.

# It's about Business stra

**Stores.**

**Merchants.**

Stock-keeping units.

Low-wage labor.

Comp-store sales.

Vendor negotiation.

retailer **OR** provider

of value

Know Sooner \* Decide Smarter \* Act Faster

Services and SKU's.

Expertise as a differentiator.

Share of wallet and affinity.

Vendor partnership.

# It's about responsive

## Yes. retail

Beyond the merger of digital to physical.

## redefinition

Of the store: capabilities, inventory, real estate, labor, purpose, necessary size, metrics.

Of product. Of Services. Of P&L expectations. Of the Value of the Store and the associates.

## Of the retailer-shopper relationship.

Other names and brands may be claimed as the property of others.

## WELCOME TO breakthrough retail



One  
seamless  
Brand  
promise

One  
SHOP  
PER  
platform

One  
View  
of  
the  
shopper

One  
View  
of  
data  
truth

RESPO  
NSIVE  
RETAIL  
New Capabilities  
New Purpose  
New Products  
New Metrics  
New Sizes

## WELCOME TO the NEXT GENERATION of responsive retail



# THANK YOU

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**INTEL INSIDE**  
A BETTER WAY TO RETAIL OUTSIDE