# Al inside@JD

May, 2018

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# Roadmap

2004.01

Jdlaser.com, the earliest predecessor of JD.com was launched.

The company began developing its own logistics network.

2007

2008.10

JD Mall began selling general merchandise products online, becoming an integrated e-commerce provider.

JD launched its third-party market-place platform.

2010.12

2013.10

JD Finance was established as an independent business group.

JD.com formed a strategic partnership with Tencent, launching a new business model combining social networking and e-commerce. 2014.03



2014.05

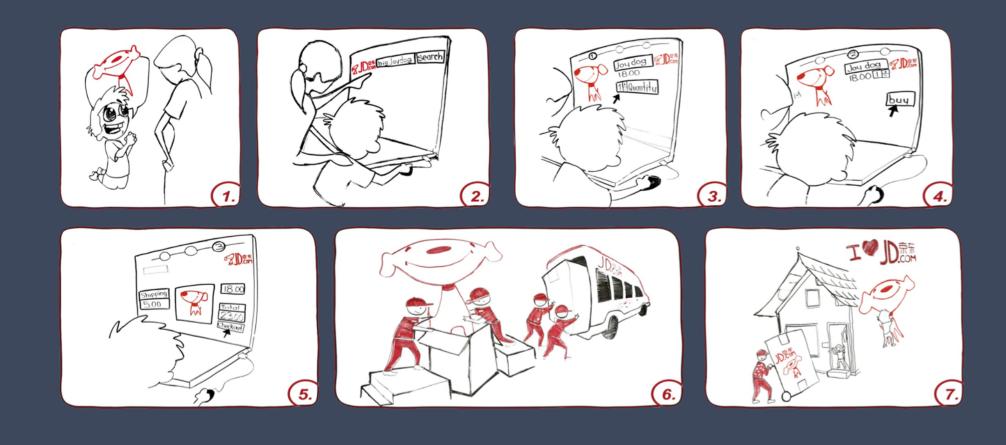
2016.06

JD.com and Walmart formed a strategic alliance. Walmart currently holds a~10% stake.

JD.com became the first Chinese Internet company on Fortune Global 500 List.

2016.07

#### **How Does JD Work?**



#### **AI Effort**

Perception & Cognition Lab Network Lab Joint Lab With Third Parties Al R&D Division

#### **How To Drive AI Effort**



**Perception & Cognition** 



NLP





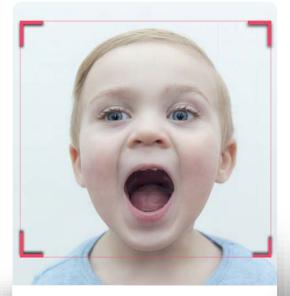
# **Perception & Cognition**



**Image Search** 



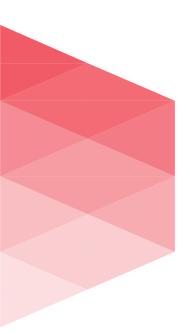
**OCR** 



**Facial Recognition** 



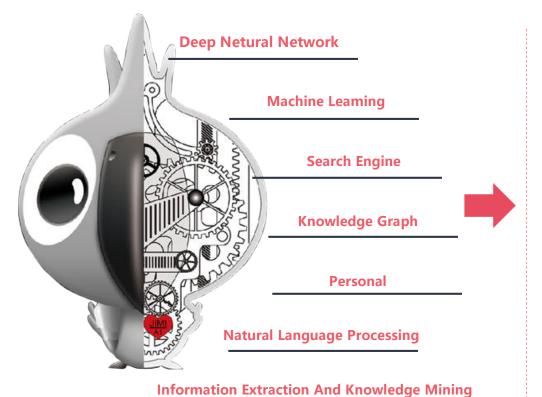
**Voice Search** 



# NLP

#### **Natural Language Procession**





#### **Customer Service**

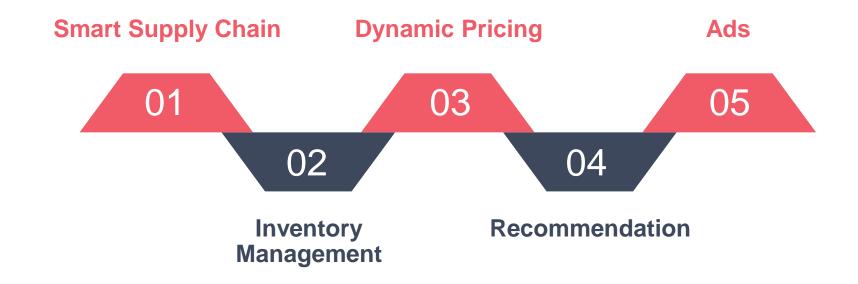
Real-time Response Personalized Answering

Proactive Care

Multi-terminal Support

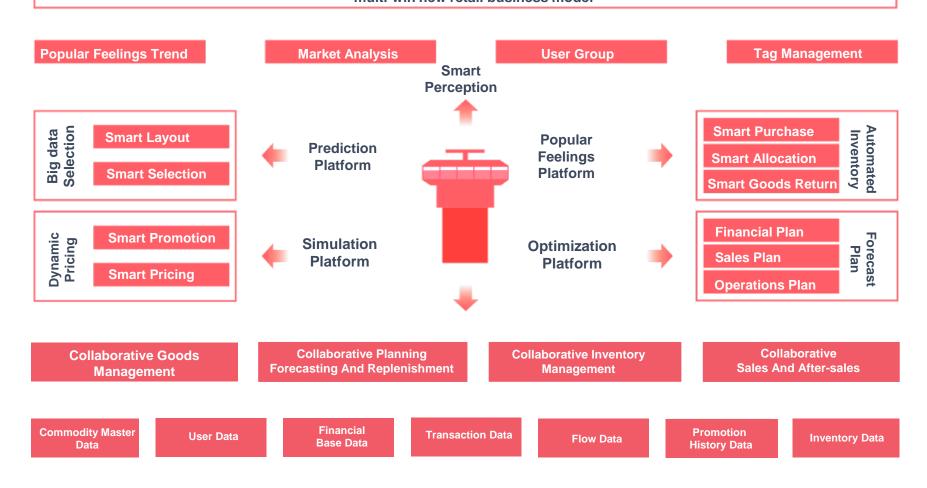


# **Decision Making**



#### **Smart Supply Chain**

Understand consumers, shorten the distance between consumers and supply chain, and realize a multi-win new retail business model





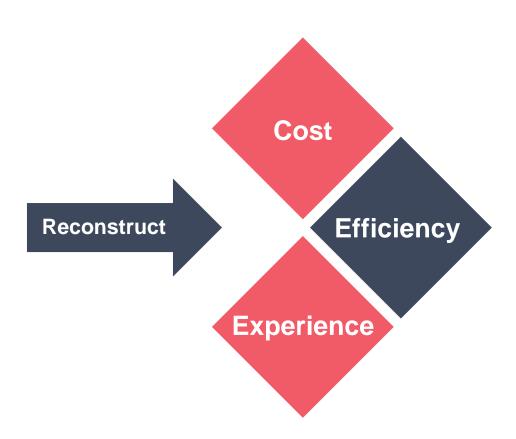
#### The Ultimate Goal Of Unbounded Retail

**Knowing People** 

**Knowing Scene** 

**Knowing Goods** 





#### **Unbounded Retail**



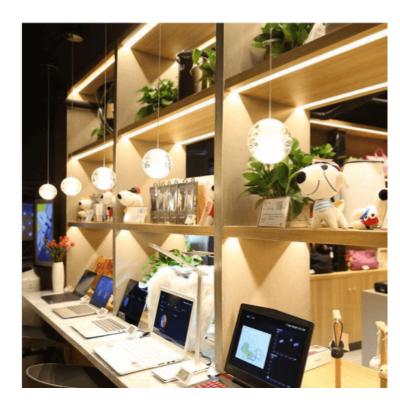
7Fresh

Top Suspension Chain Technology



7Fresh

**Smart Follow** 



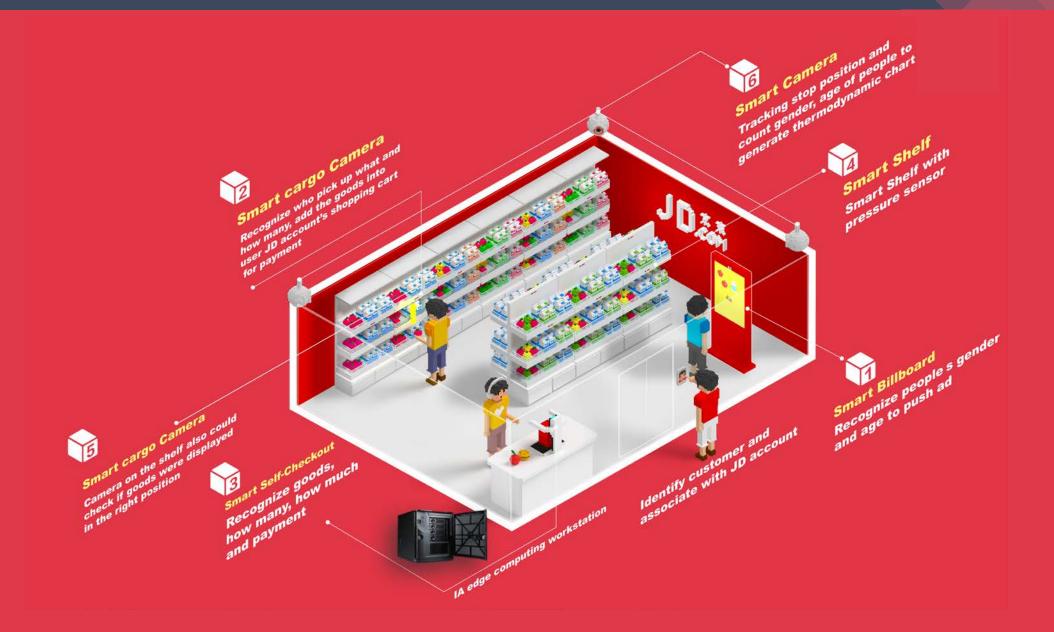
**JD Home** 

Electronic Tags For Dynamic Pricing

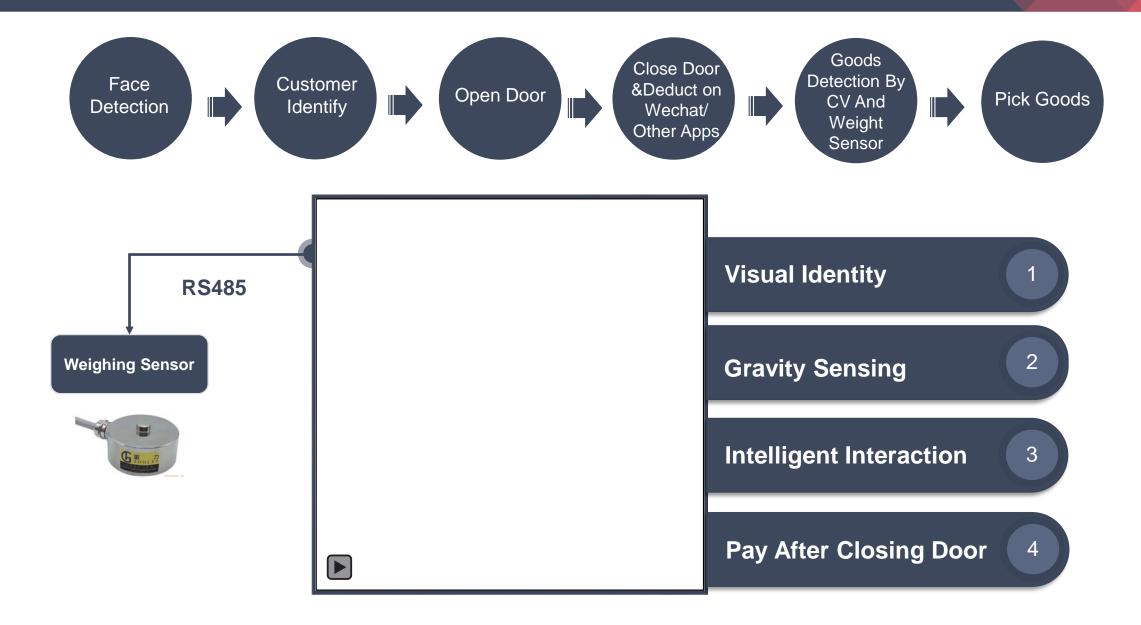
# Intelligent Product - JD Smart Convenient Store



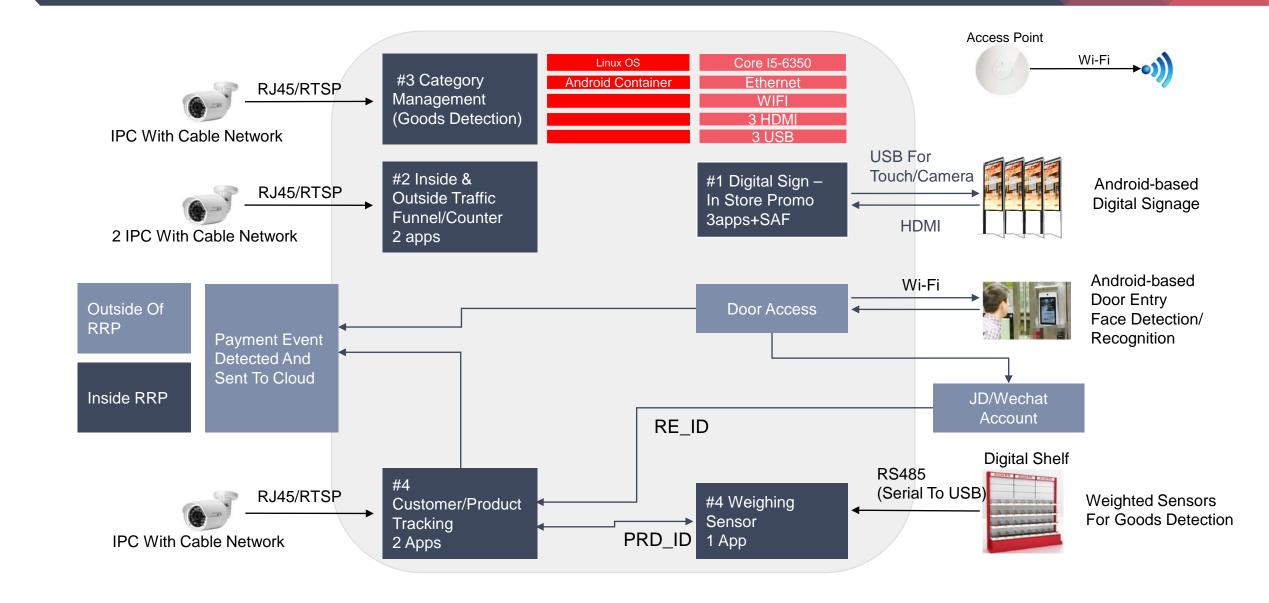
# **Smart Retail Technical Solution**



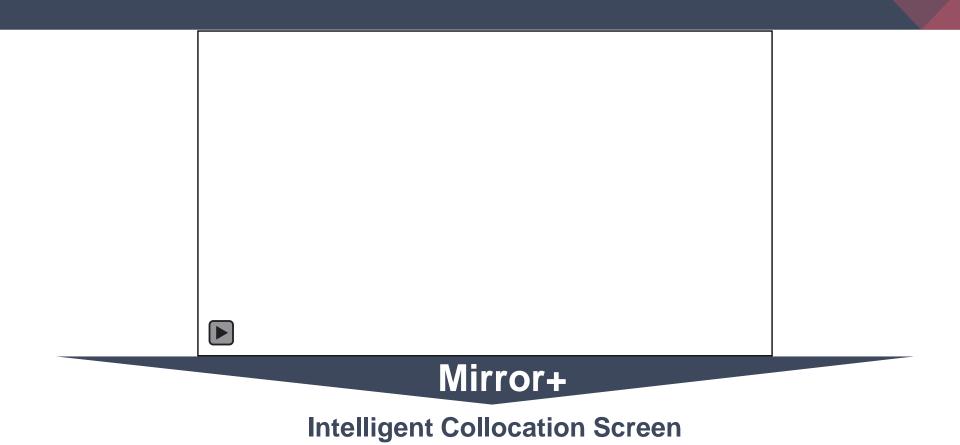
#### **Intelligent Product - JD Smart Vending Machine**



#### JD Staff-free Store



## Mirror+: Intelligent Solutions For Future Stores



**Immersion Fitting Mirror** 

**Intelligent Collocation Service** 

**Immersion Experience** 

**Online And Offline Marketing Integration** 

### Mirror+: Intelligent Collocation Screen





Promotion Of User
Shopping Experience

Intelligent Collocation

2

**Brand Overall Sales Promotion** 

**Intelligent Collocation Screen** 

Intelligent Purchase

**Virtual Shelf** 

Shop Operation Efficiency Promotion

## **Mirror**+: Immersive Fitting Mirror







Real Time Beauty Photo

Replace The Interesting Background

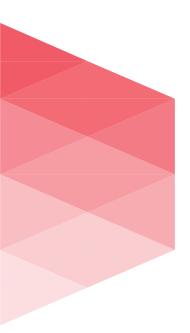
One Key Upload Sharing

**2C** 

- Interest & Interaction
- Stimulus Purchase
- Purchase Sharing

**2B** 

- Attract Users
- Brand Communication
- Brand Social Communication



# **THANKS**





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