

RFID SOLUTIONS





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Maxim RFID Showroom

Maxim Shanghai, China

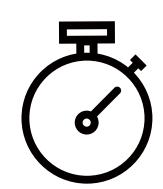




Introduction to RFID

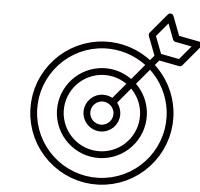
Radio-Frequency Identification (RFID) enables you to maximize the efficiency in your supply chain by applying our RFID labels for item-level tracking. Next to that, in store and on-line it will help the improvement of your customers experience.

INVENTORY MANAGEMENT



REDUCE TIME

Reduce the time for cycle count



IMPROVE ACCURACY

Improve the inventory accuracy



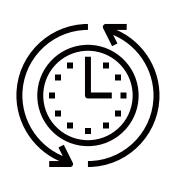
REDUCE OUT OF STOCK

Reduce out of stock, increasing sales



REDUCE OVERSTOCK

Reduce overstock, decreasing unnecessary price mark downs



INCREASE SPEED

Increase the speed of time to shelf (replenishing)



FIND GOODS

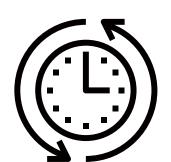
Find misplaced goods easier

CUSTOMER EXPERIENCE



AVAILABILITY

Better availability of your products



INCREASED SPEED

Increased speed of checking out



ONLINE PRODUCTS

Optimized web online product location accuracy



INSTANT ACCESS

Easier retrieving your latest product information



PRODUCT SUGGESTIONS

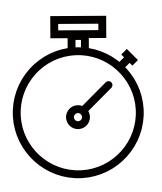
Allow for add-on's during shopping experience



Introduction to NFC

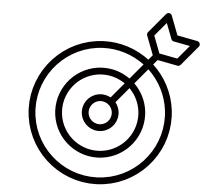
Your customers experience can further be improved with the use of NFC inlays in your labels, tags, or products. **NFC** (Near Field Communication) enables your customers to interface with your products by tapping with their mobile phones.

BENEFITS OF NFC



DIRECT CONTACT

NFC gives you the opportunity to directly contact with your customers



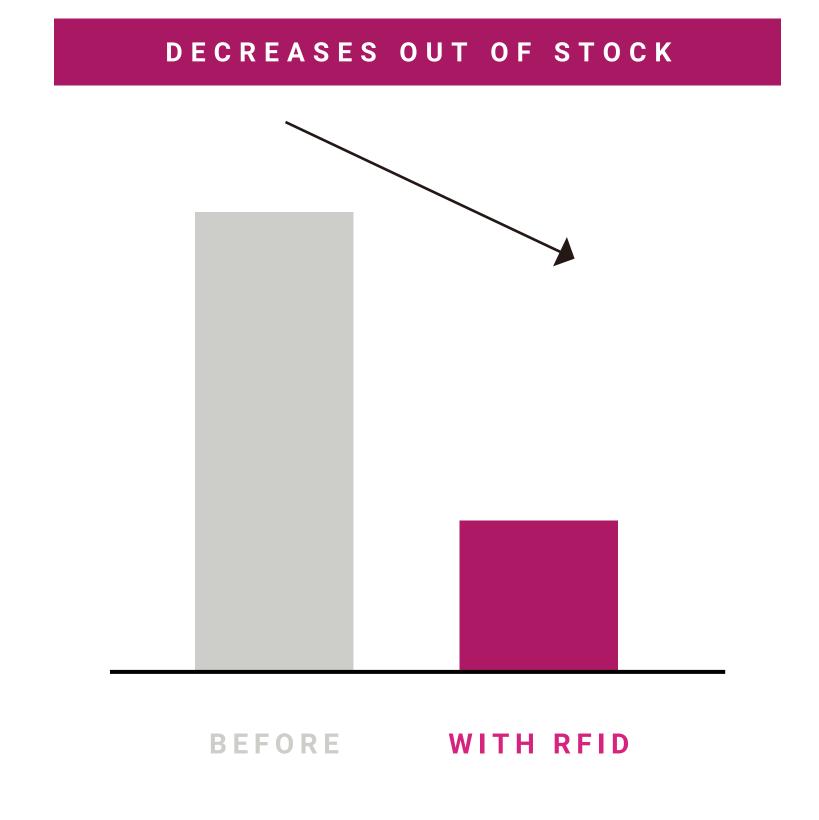
PROACTIVE SUGGESTIONS

Customers receive latest information on projects, other products in the same range, movies, and 3D VR.



Benefits to RFID

BEFORE WITH RFID















* Improvement is reflected by reduction **SOURCE:** University of Leicester 2018

































Omni-Channel

Omni-channel is a multichannel approach to sales that works to provide customers with a seamless shopping experience. This includes shopping online from their desktop or mobile device, by telephone, or brick-and-mortar.

TRADITIONAL



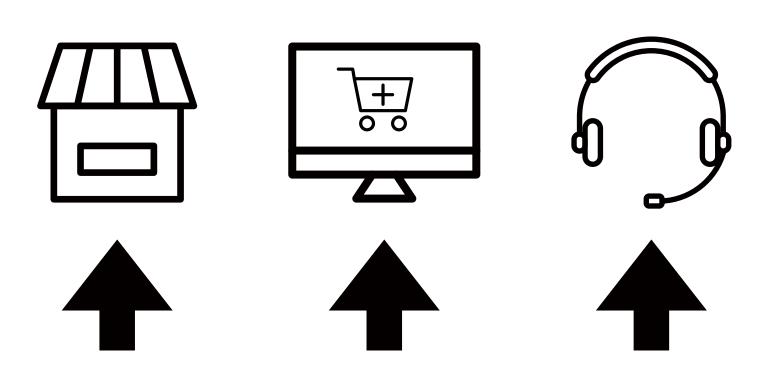
The good, old-fashioned brick and mortar store

E-COMMERCE



Online shopping has skyrocketed in recent years

MULTI-CHANNEL



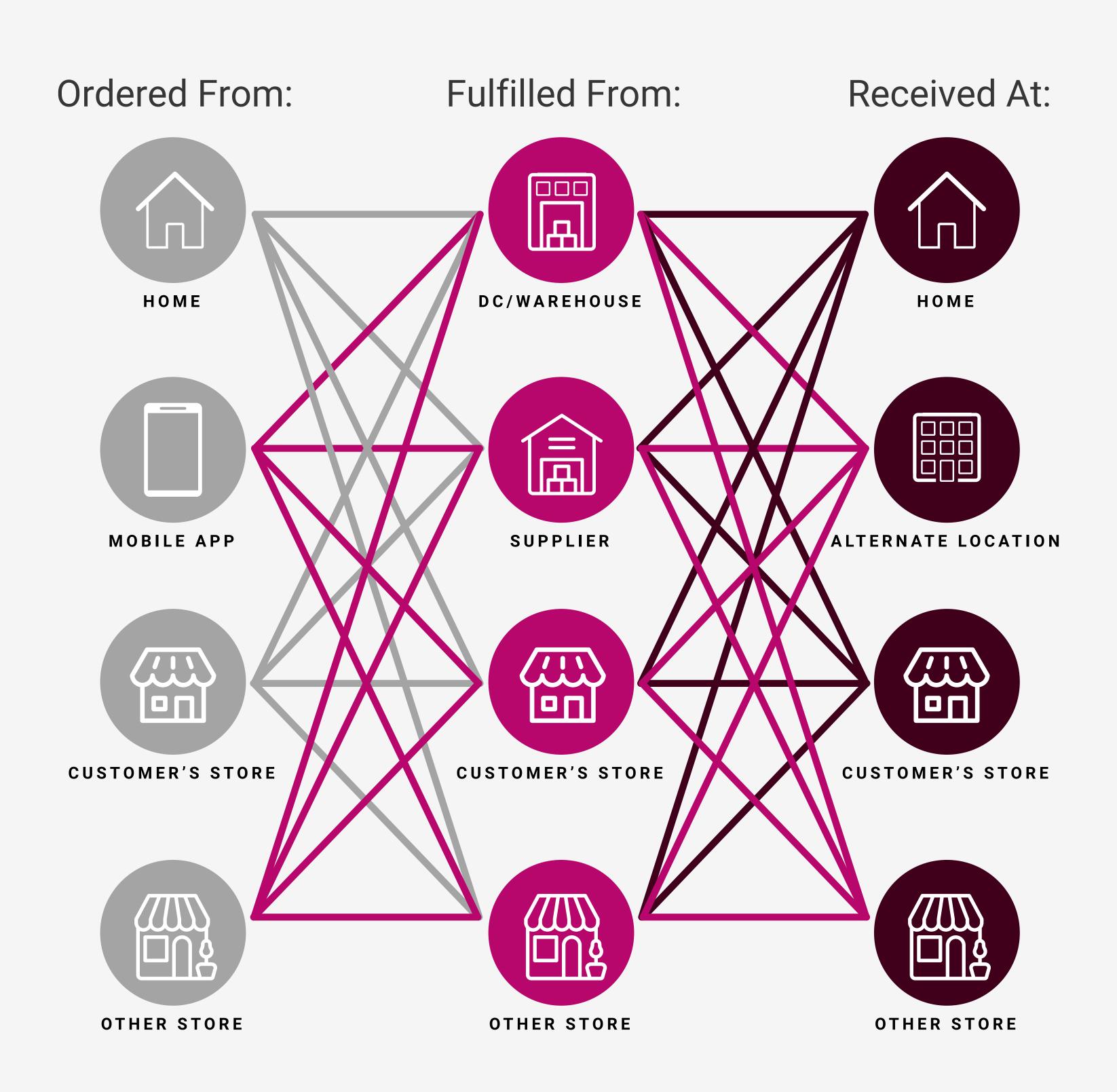
Various, disconnected channels for customers to use independently

OMNI-CHANNEL



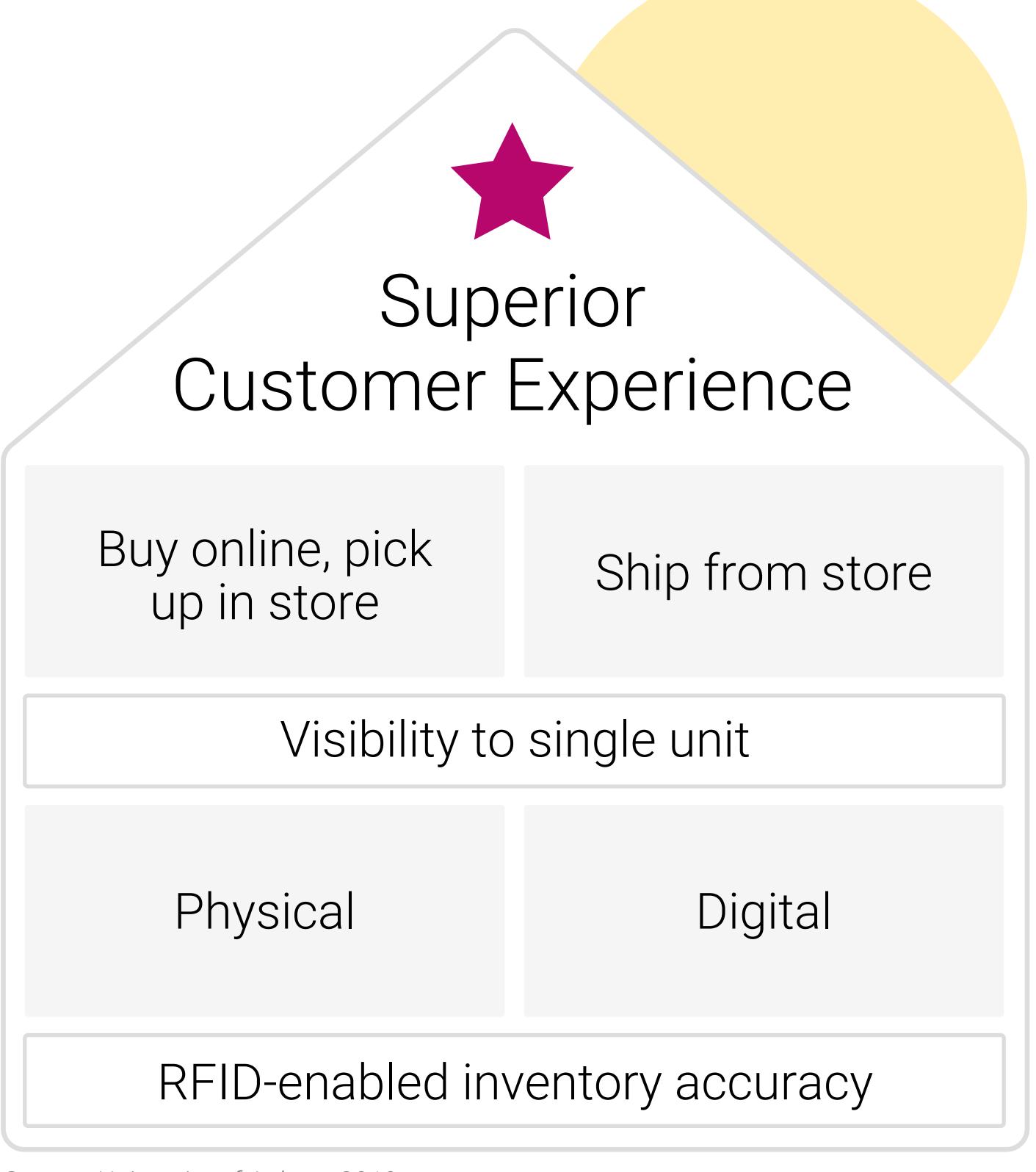
An integrated, seamless experience across multiple devices and touchpoints

Omni-Channel Complexity



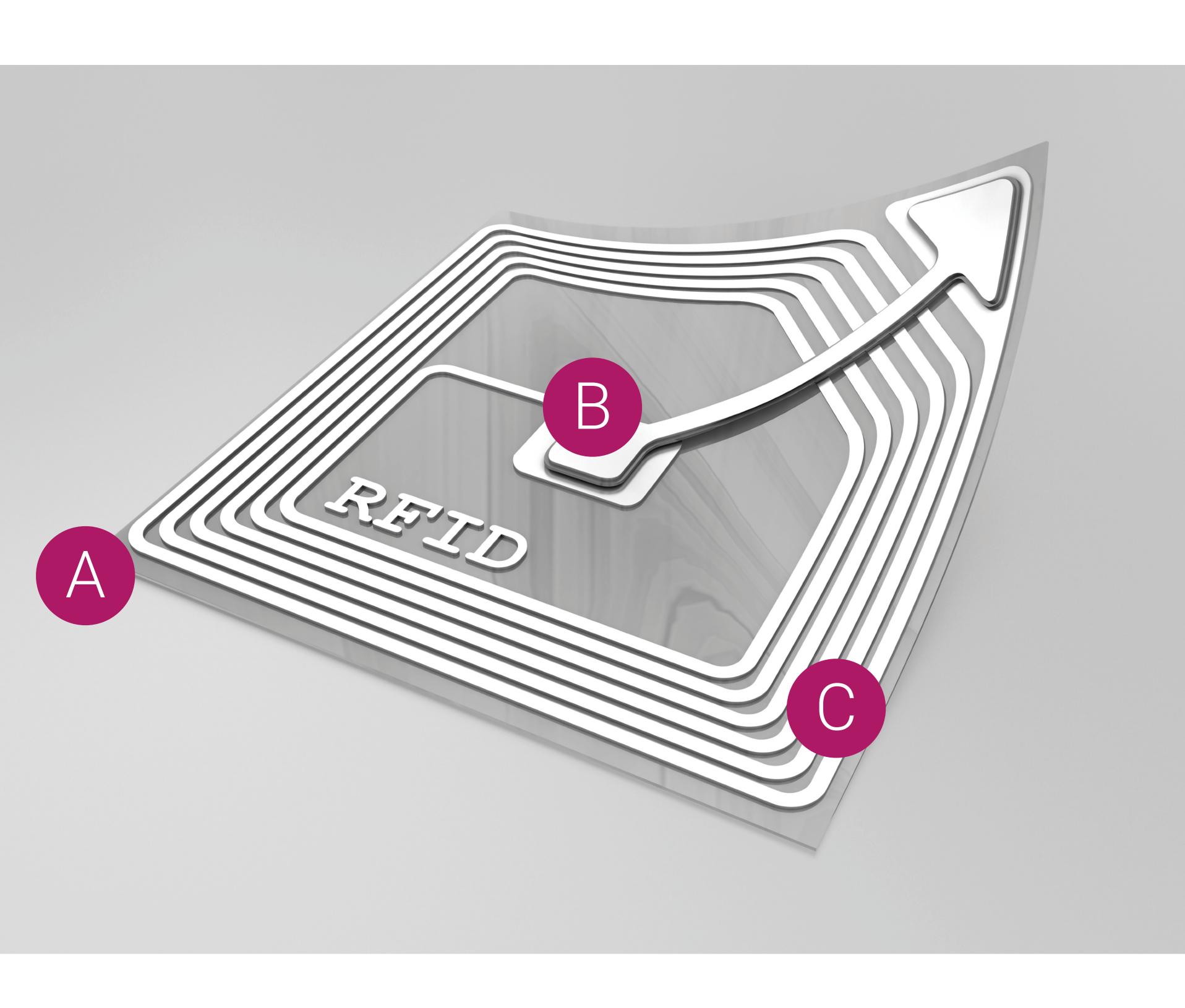


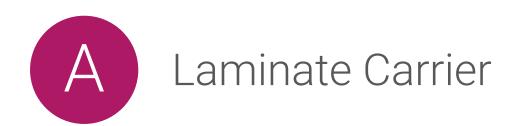
Omni-Channel House



Source: University of Auburn 2019

RFID Anatomy



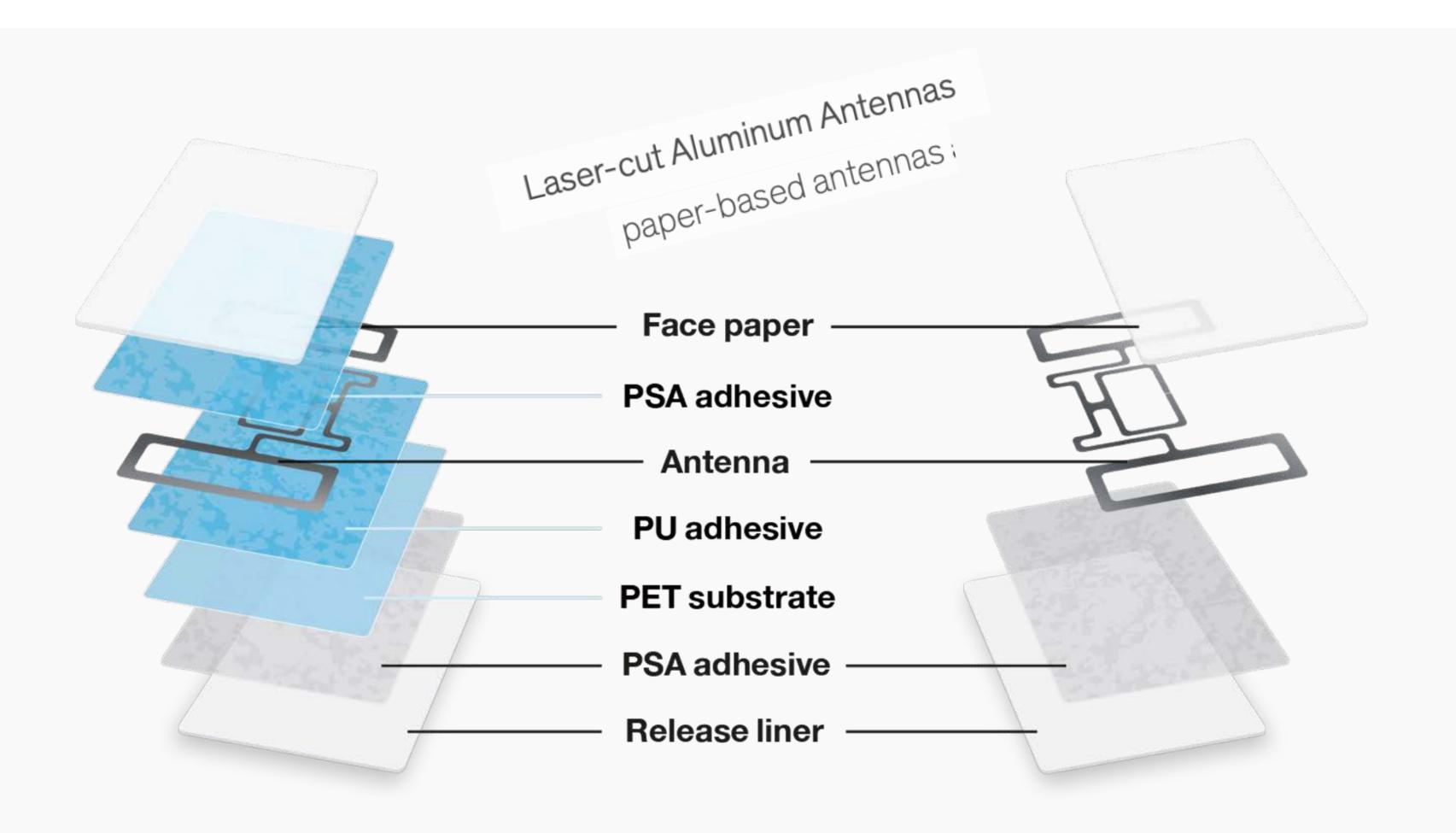






RFID Anatomy

PAPER-BASED, PET-FREE RFID INLAYS

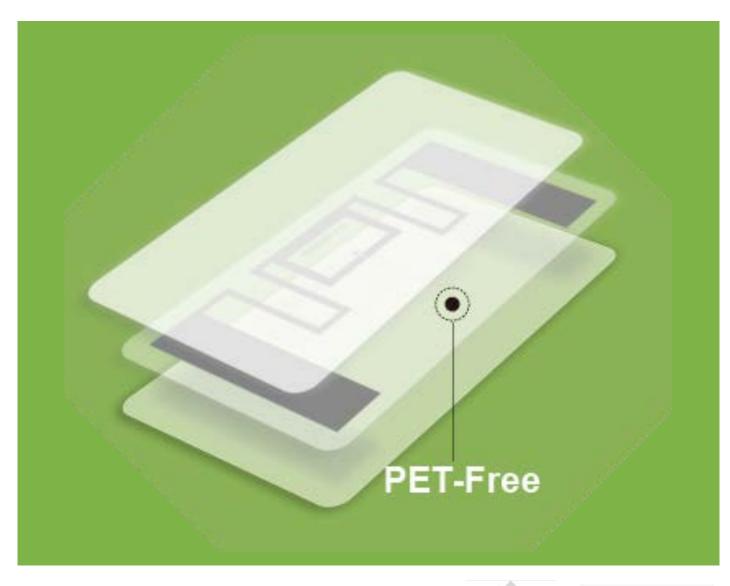


Traditional RFID Structure

6 layers + release liner

Eco RFID Structure

3 layers + release liner







Two Options on Paper

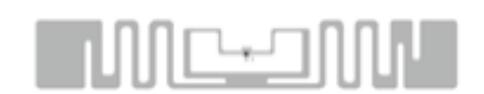
Liquid printed or traditional aluminum

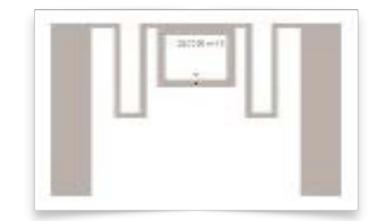


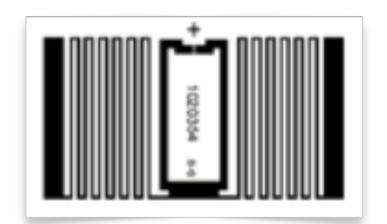
RFID Offerings

RFID, RF, AND NFC EXAMPLES

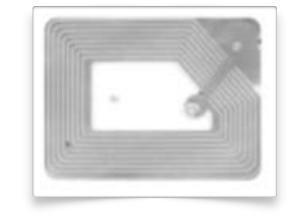
RFID



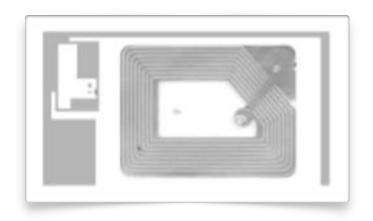




RF (EAS)



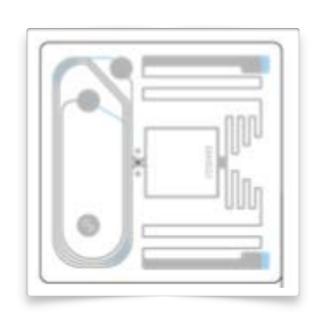
RFID/RF DUAL

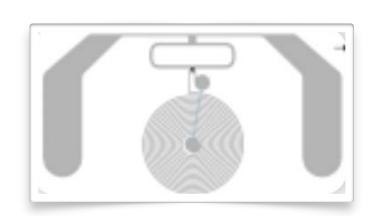


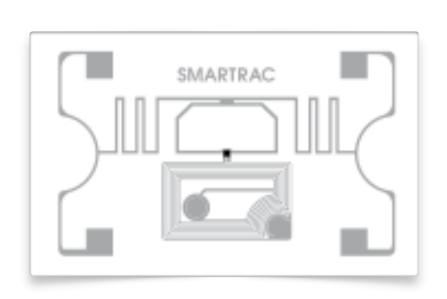
NFC



RFID/NFC DUAL







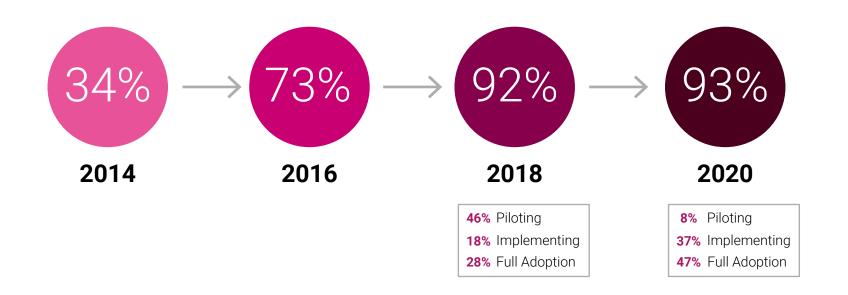
Global Capabilities

Maxim Location	RFID Item Conversion	RFID Printing / Encoding
Bangladesh		
Cambodia		
Germany		
Guatemala		
India		
Pakistan		
Shanghai		
Spain		
Sri Lanka		
Taiwan		
Thailand		
Turkey		
United Kingdom		
United States		
Vietnam		

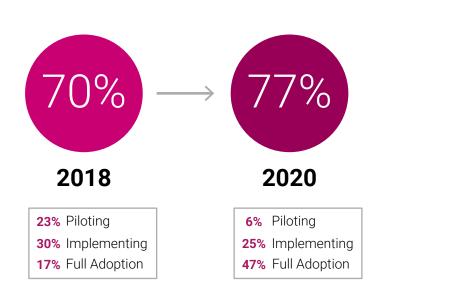


Rising Business of RFID

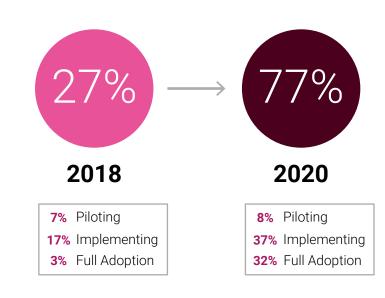
NORTH AMERICAN RFID ADOPTION



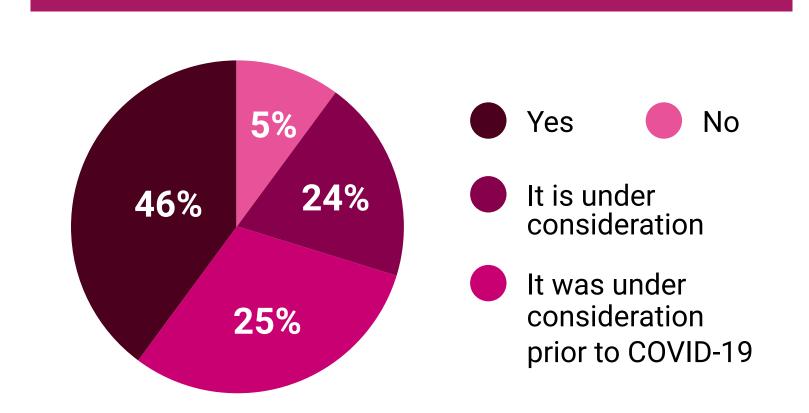
ASIA-PACIFIC RFID ADOPTION



EUROPEAN RFID ADOPTION



RFID IN RESPONSE TO COVID-19



RETAILERS FUTURE USES FOR RFID:

Collaboration with blockchain

Supply chain and analytics

Self-checkout

Improving customer engagement with smart technology

HARDLINES RETAILERS FUTURE USES FOR RFID:

Collaboration with blockchain

Support for omnichannel fulfilment

Improving customer engagement with smart technology

Reducing stockouts

GROCERS FUTURE USES FOR RFID:

A 50/ Reducing stockouts

Improving customer engagement with smart technology

33% Collaboration with blockchain 24% Inventory tracking and visibility



THANK YOU FOR READING

Contact your local Maxim Sales Representative for more information.



RFID SOLUTIONS