

# CONTACTLESS TECHNOLOGY FOR SMART MOBILITY

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**ADB – TRANSPORT FORUM 2016**  
HIGH-LEVEL TECHNOLOGY PUBLIC-PRIVATE FORUM  
MANILA, 15<sup>TH</sup> SEPTEMBER 2016



MATTEO VEZZOSI  
BUSINESS ALLIANCES, CONSUMER INTERACTION  
& RETAIL

EXTERNAL USE

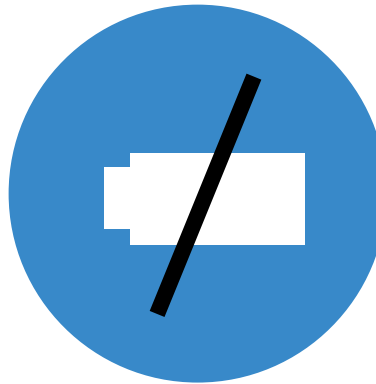


SECURE CONNECTIONS  
FOR A SMARTER WORLD

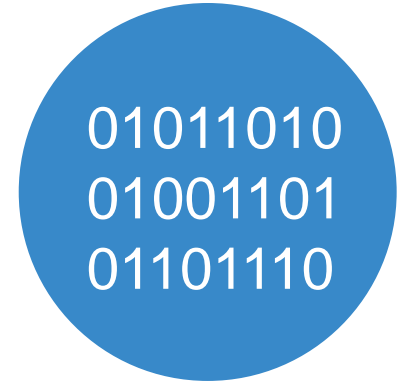
# Contactless SmartCard ICs



Contactless  
communication



Powered by  
the field



Storage of  
user defined  
data



Crypto &  
security  
protection



Keys & access

# Contactless secure technology ubiquitous



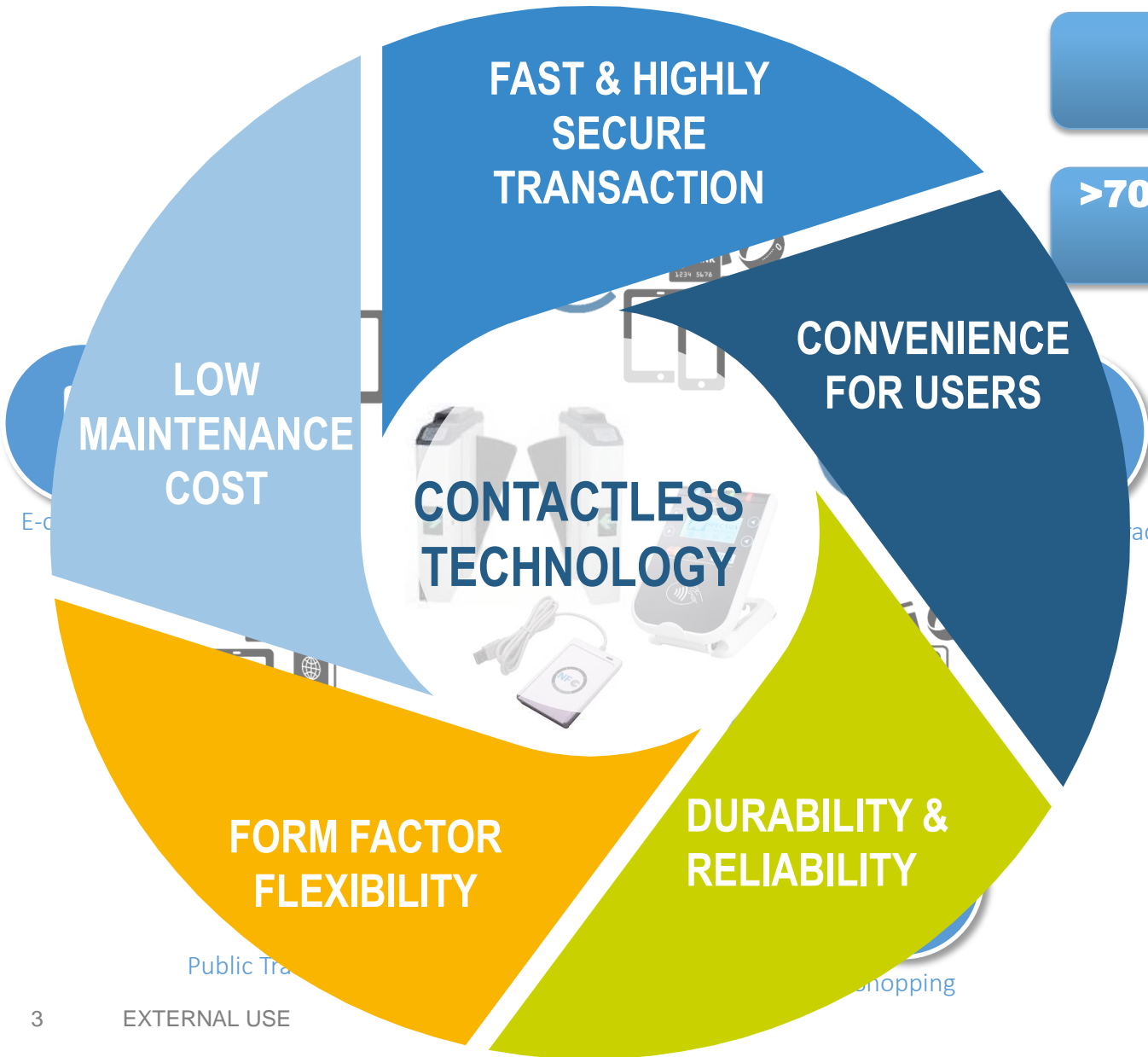
**1,2B NFC mobiles shipment 2018**  
Source IHS

**>70% POS terminals NFC ready 2019**  
Source Berg Insight

**> 3 out of 4 cities select NXP solution**  
ABI



# Contactless secure technology ubiquitous



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# 1994 - MIFARE<sup>®</sup> was born, starting contactless revolution



# 2016 – MIFARE® is the world leading brand in c'less ICs



# Behind the success



Flexible, open  
technology

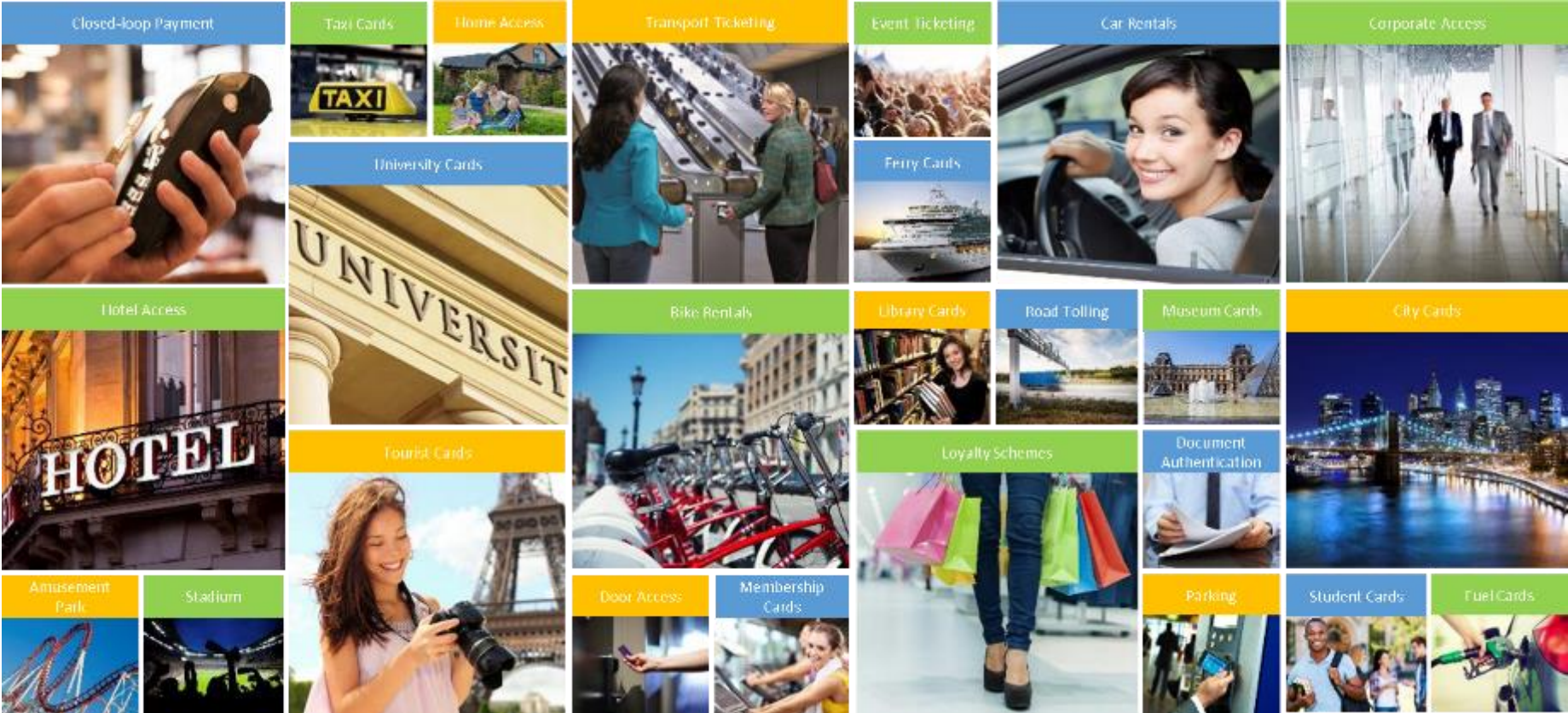


Continuous innovation



Security

# MIFARE® DESFire® serves many different applications





# A few picks on MIFARE® DESFire® references WW



Smart Mobility Access Management Smart Loyalty Micropayment Others

# Multi use scenario – campus card

PICK YOUR APPLICATIONS



Upgrade

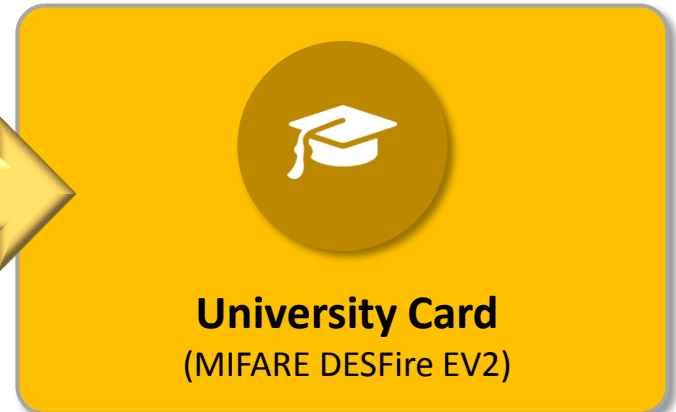


**University Card**  
(MIFARE DESFire EV1)

existing



**Transport Card**  
(MIFARE DESFire EV1)



**University Card**  
(MIFARE DESFire EV2)



Taxi payment



Bike sharing



Coffee shops



Restaurants



Public Transport



Sporting facilities





SECURE CONNECTIONS  
FOR A SMARTER WORLD