THE EMERGING PAYMENT TECHNOLO

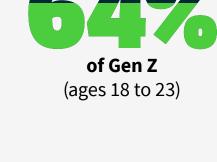
As consumers become more accustomed to paying digitally, they gravitate toward emerging payments technology that best removes friction to give them a fast, simple, secure and convenient way to pay.

Keeping your card in the middle of every transactions starts with knowing which payment technologies consumers already use — and which they're most likely to try next.

% OF CONSUMERS WHO HAVE

Social Media Payments

PURCHASED ON SOCIAL MEDIA¹

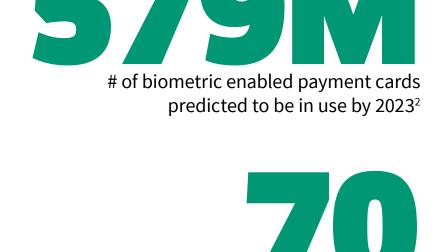


of Gen Y (ages 24 to 39) (ages 40 to 54)

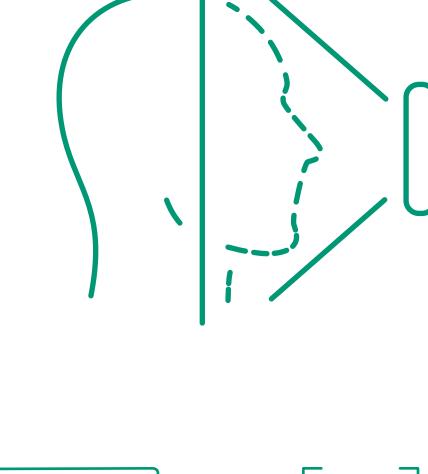
of Baby Boomers (ages 55 to 73)

of Beyond Boomers (ages 74 and up)

Biometric Authentication



of markets in which the Mastercard Biometric Card is now available (none in the U.S.)³



surveyed currently use biometrics to authenticate payments-but 37% more say they want to.1

Palm scanner

(currently under trial

in-store by Amazon)

28% of consumers

Can Include:

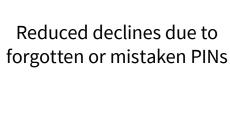
Biometric Payments



the point-of-sale for contactless transactions

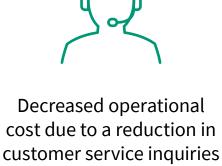
Added security at





Facial

recognition



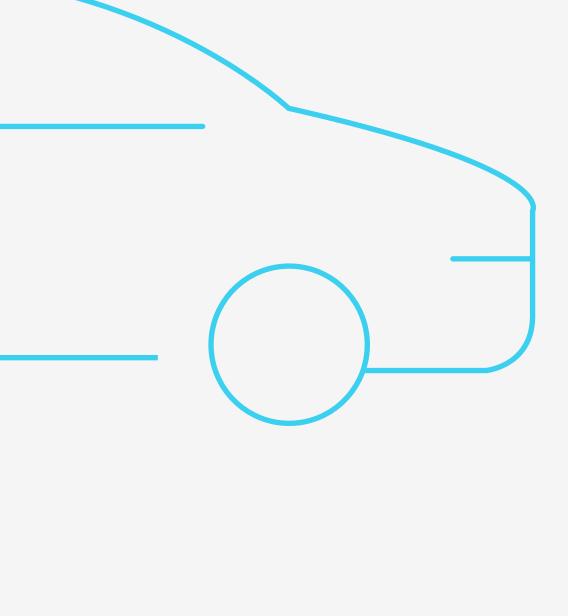
from security declines



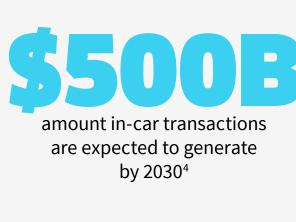
In Car Payments/V-Commerce

On-card biometric sensor

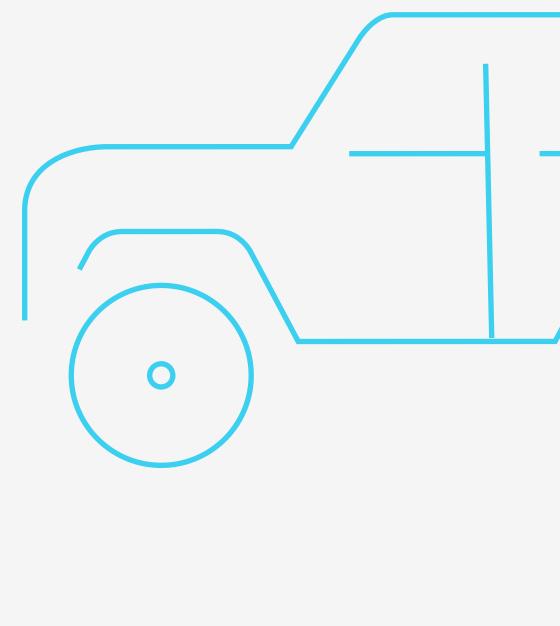
for contactless payment

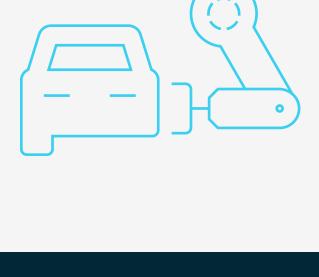






connected by 20224







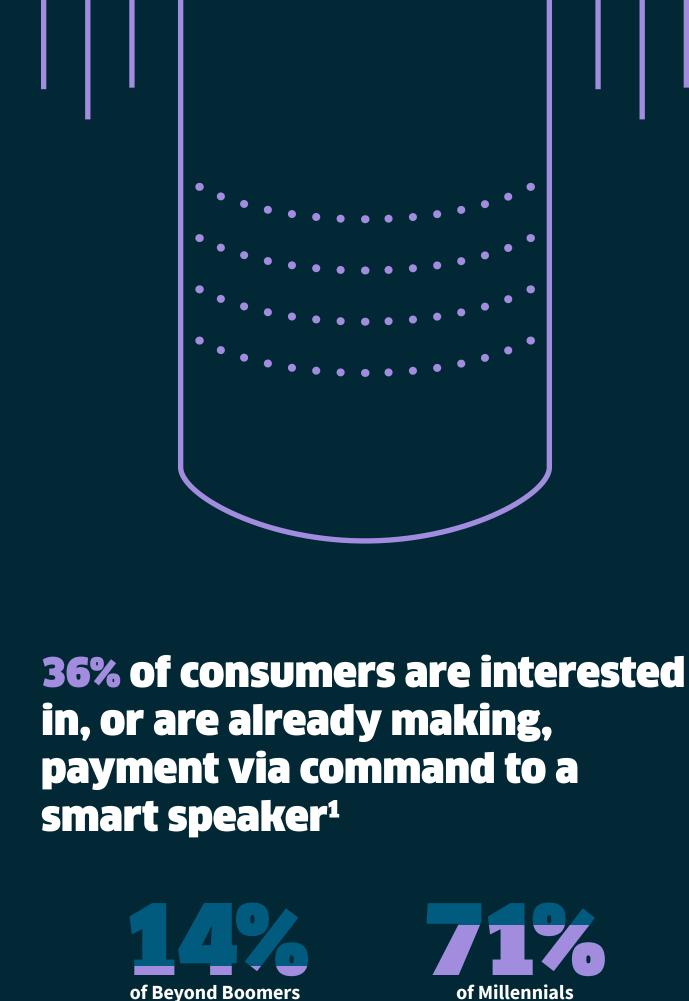
auto makers⁴ are developing connected

Daimler, General Motors, Hyundai,

Honda, Audi, Fiat Chrysler Automobiles,

car payment solutions including:

Tesla, Mercedes, Volkswagen



Projected total transaction value of smart home payments by 2025⁵

Total transaction

value of smart home

payments in 2020⁵

of Millennials of Beyond Boomers in Spain in Japan





in Germany

interested in having a microchip implanted in hand to pay¹

in China

through Google Assistant **4,000 + Swedes**

had microchips

implanted as

of 2018⁶

Google piloted payment by voice

capability using Voice Match

% OF CONSUMERS WILLING TO USE A MICROCHIP IN HAND TO PAY BY REGION/AGE¹

% of Gen Z in Argentina % of Baby Boomers % of Beyond Boomers % of Gen X

in Colombia

% of Gen Z

in Germany

% of Gen Z in Mexico

¹ June 2020 Global FIS Survey of more than 15,000 consumers

Sources:

2018-2023 - Second Edition"

faq-sentry-shows-off-access-control-card

% of Gen Z in the Netherlands % of Gen X in Singapore % of Millennials in Spain % of Beyond Boomers in the United Kingdom % of Gen Z in the United States

Let's reimagine

² Goode Intelligence "Biometrics for Payments; Market and Technology Analysis, Adoption Strategies and Forecasts

³ BiometricUpdate.com; https://www.biometricupdate.com/202012/mastercard-releases-biometric-payment-card-

⁶ NPR; "All Things Considered" https://www.npr.org/2018/10/22/658808705/thousands-of-swedes-are-inserting-

⁴ PTOLEMUS Connected Vehicle Payments Global Study

microchips-under-their-skin

⁵ Juniper Research, "Assessing the Smart Home Payments Opportunities"

To learn more about how you can easily accommodate emerging payment methods with a single platform, visit FIS' Payments One Cards site.

card payments

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