

WORLD OF VISUAL

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THE VISUAL STORY



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**65% OF INDIVIDUALS
SAY THEY'RE VISUAL
LEARNERS**

NON-
VISUAL

**VISUAL
LEARNERS**



**THE AVERAGE PERSON'S ATTENTION SPAN IS
3 SECONDS!**

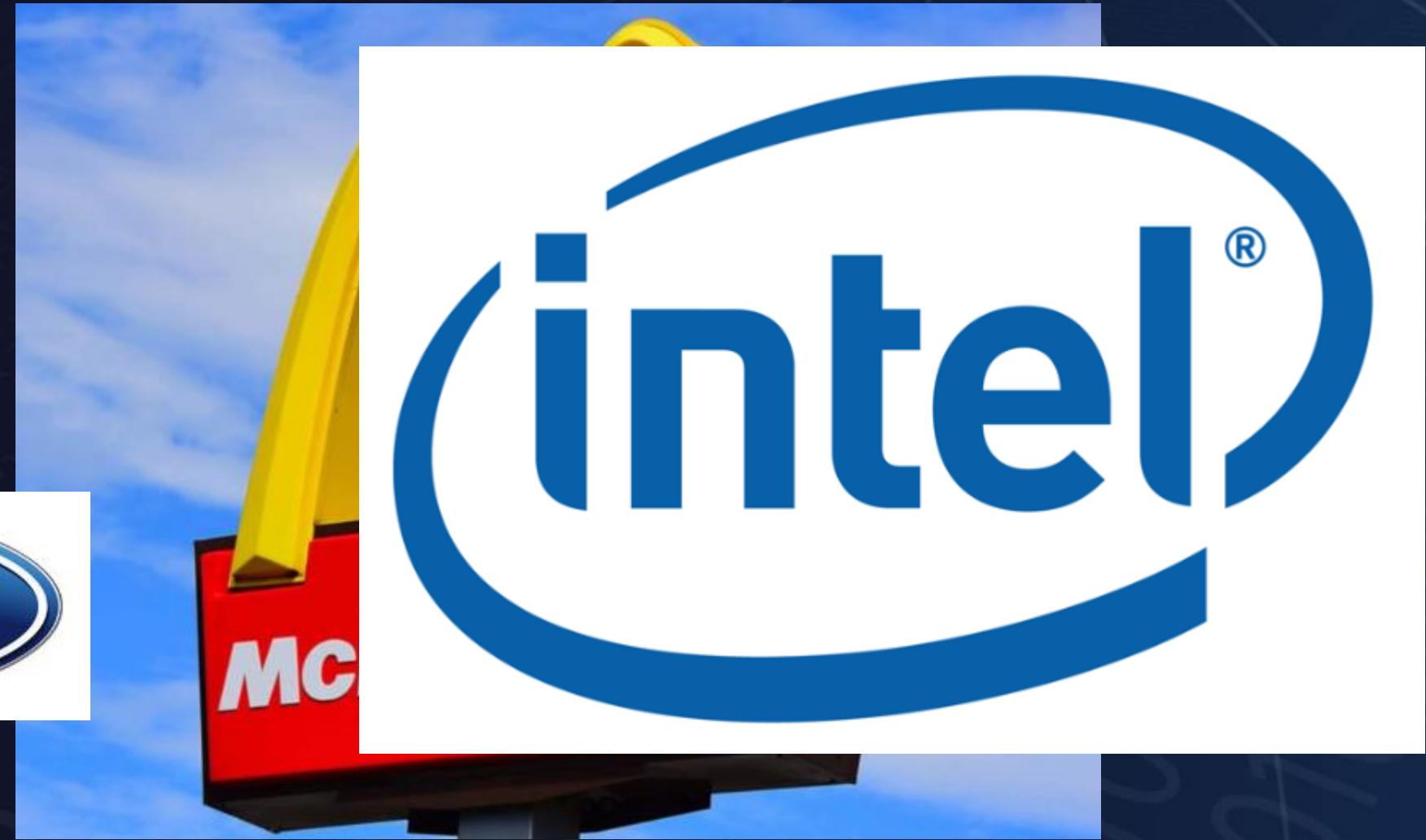


VISUALS INCREASE MESSAGE RETENTION BY 42%

THE BRAIN PROCESSES VISUAL INFORMATION **60,000 FASTER THAN TEXT.**

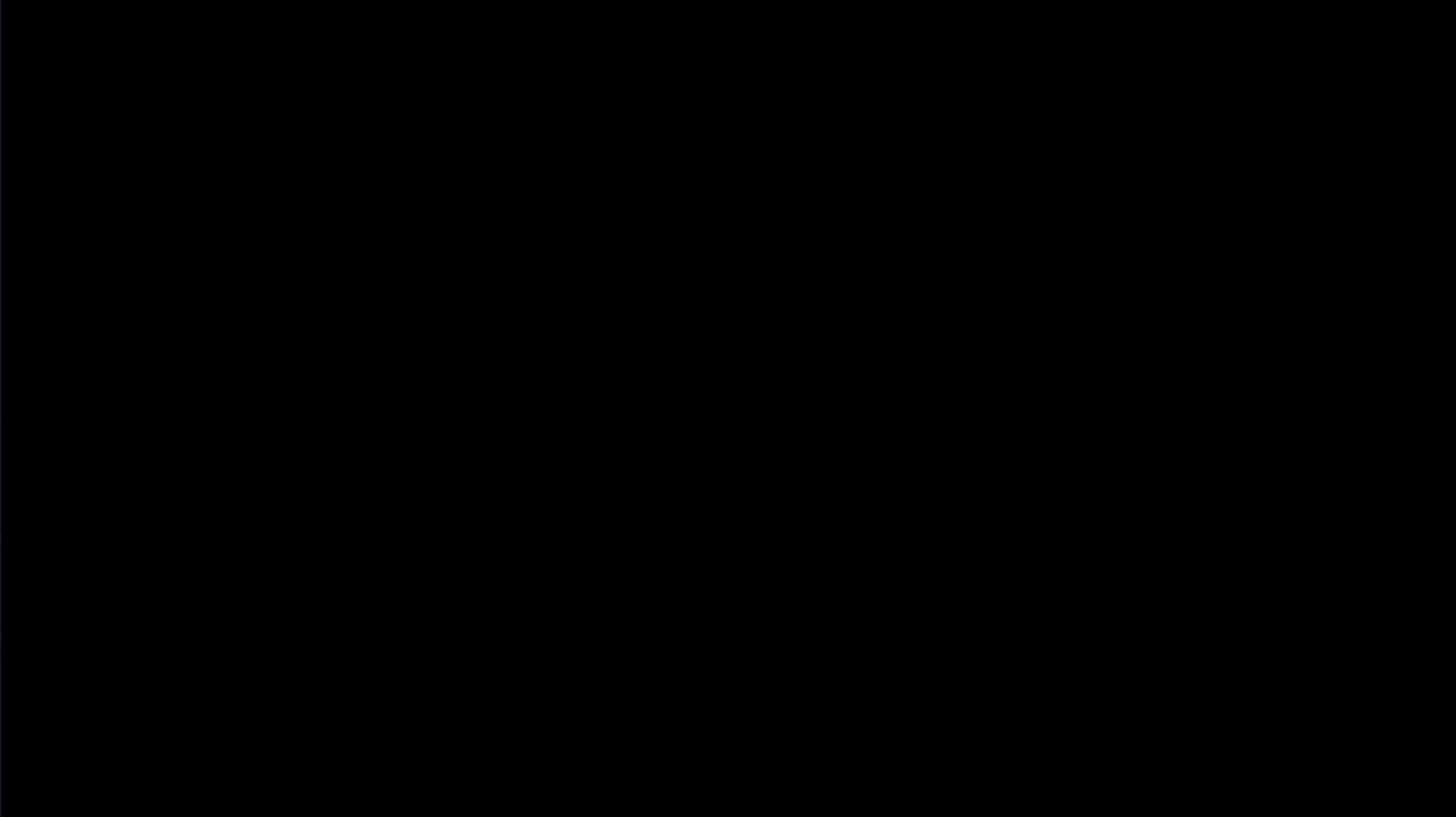
Compared to a car traveling 65 mph on the highway,
a car traveling 60,000X faster would be going over
1000 miles per second!

THE BRAIN CAN SEE IMAGES THAT LAST FOR JUST 13 MILLISECONDS





Video: Intel Visual Retail Innovation



THE PATH TO PERSONALIZATION

WHAT THE CUSTOMER WANTS

Provide relevant information to me at the point of interaction

Let me shop how and where I want to shop on whatever device I want

Have what I need when I need it – or get it to me quickly

Contact me with relevant offers how and when I want them

Connect with me in a way that I can trust you

WHAT YOU NEED TO PROVIDE

Dynamic visual displays throughout

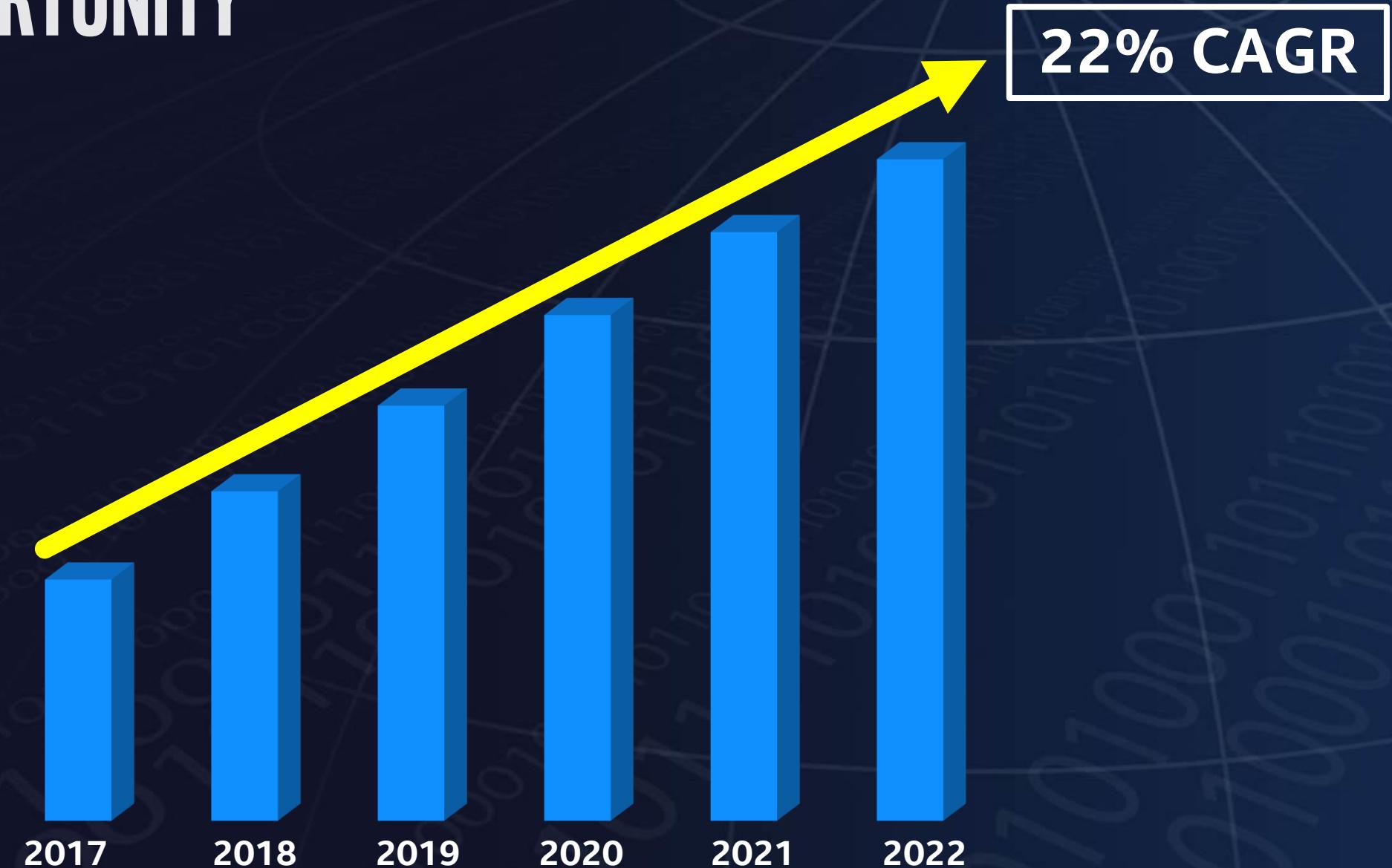
Offer self-serve options and reliable, secure online access throughout the store

Maintain efficient and agile operations, buy online + pick up in store options

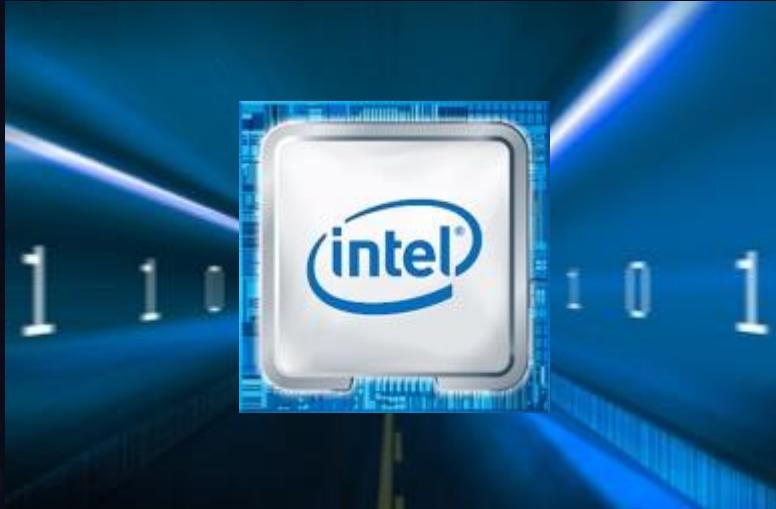
Analytics at the edge to determine who is there and what they are interested in

Deliver experiences reliably and securely

VISUAL OPPORTUNITY



INTEL'S IOTG STRATEGY



**INVEST IN IOT
PRODUCT ROADMAP**

**LEAD WORKLOAD
CONSOLIDATION AT THE EDGE**

**SCALE VISION ACROSS
ALL VERTICALS**

VISUAL RETAIL SEGMENTATION & VERTICALS

POINTS OF SALE

POINTS OF WAIT

POINTS OF TRANSIT

Retail



QSR & Hospitality



Medical



Corporate



Outdoor (DOOH)



Banking



Entertainment



Education



Houses of Worship

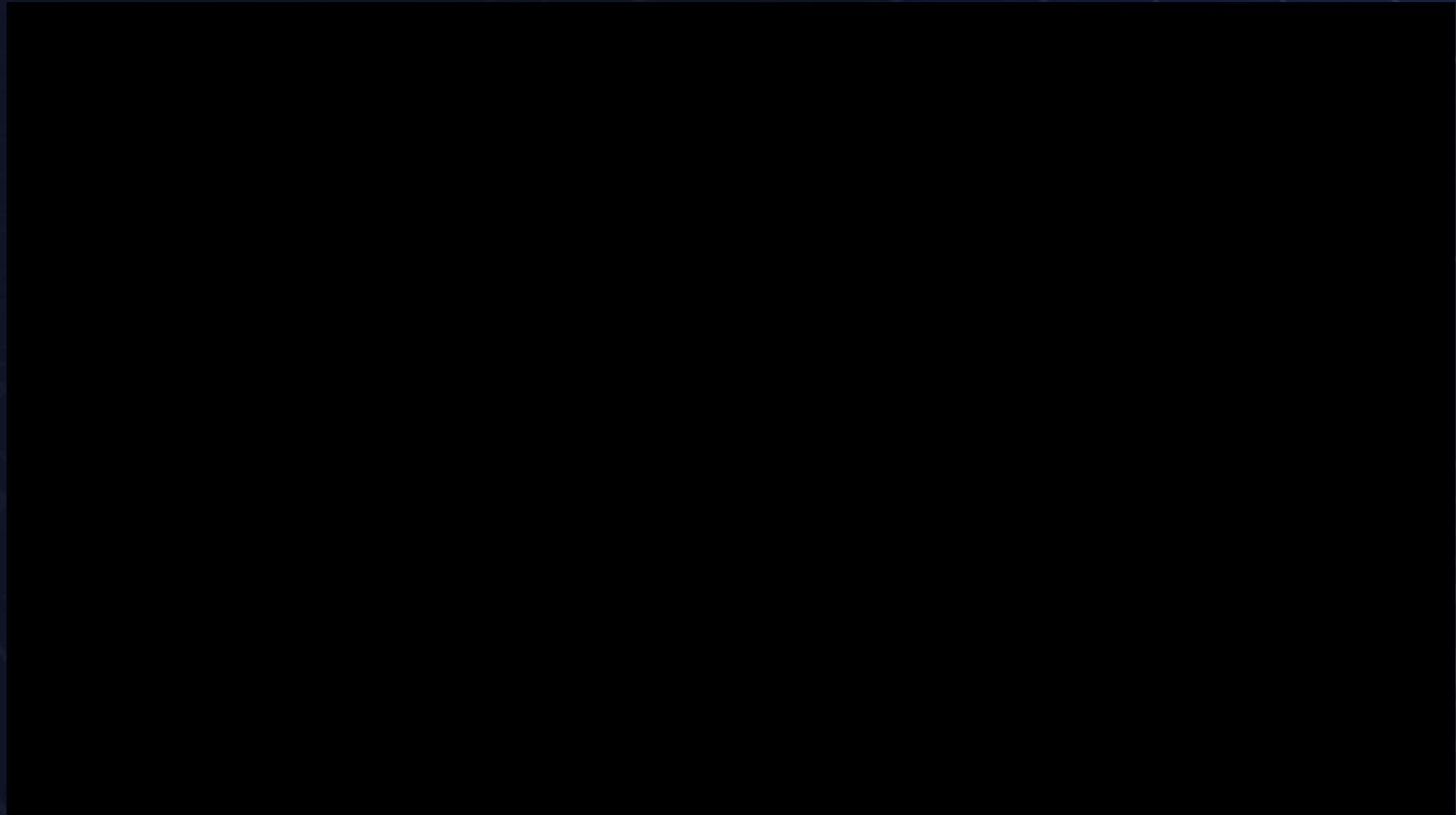


Transportation

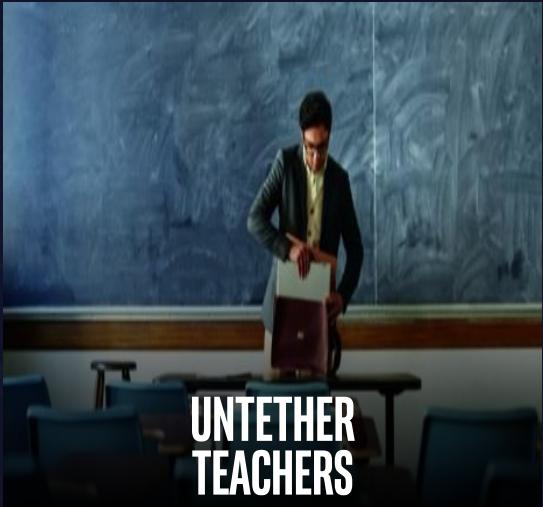


DOOH = Digital Out Of Home
QSR = Quick Service Restaurant

VIDEO: INTERACTIVE FLAT PANEL DISPLAYS



'E-CLASSROOM' SOLUTIONS TO SUPPORT 21ST CENTURY INTERACTIVE LEARNING



UNTETHER TEACHERS

Drives inclusion and improves student engagement through collaborative technology



COLLABORATE ON THE FLY - ANYWHERE

Flexible collaboration with Intel® Unite™ for unmanaged and managed environments.



EASY MAINTENANCE LOWER TCO

Reduced maintenance and support costs with Intel® vPro™ technology.



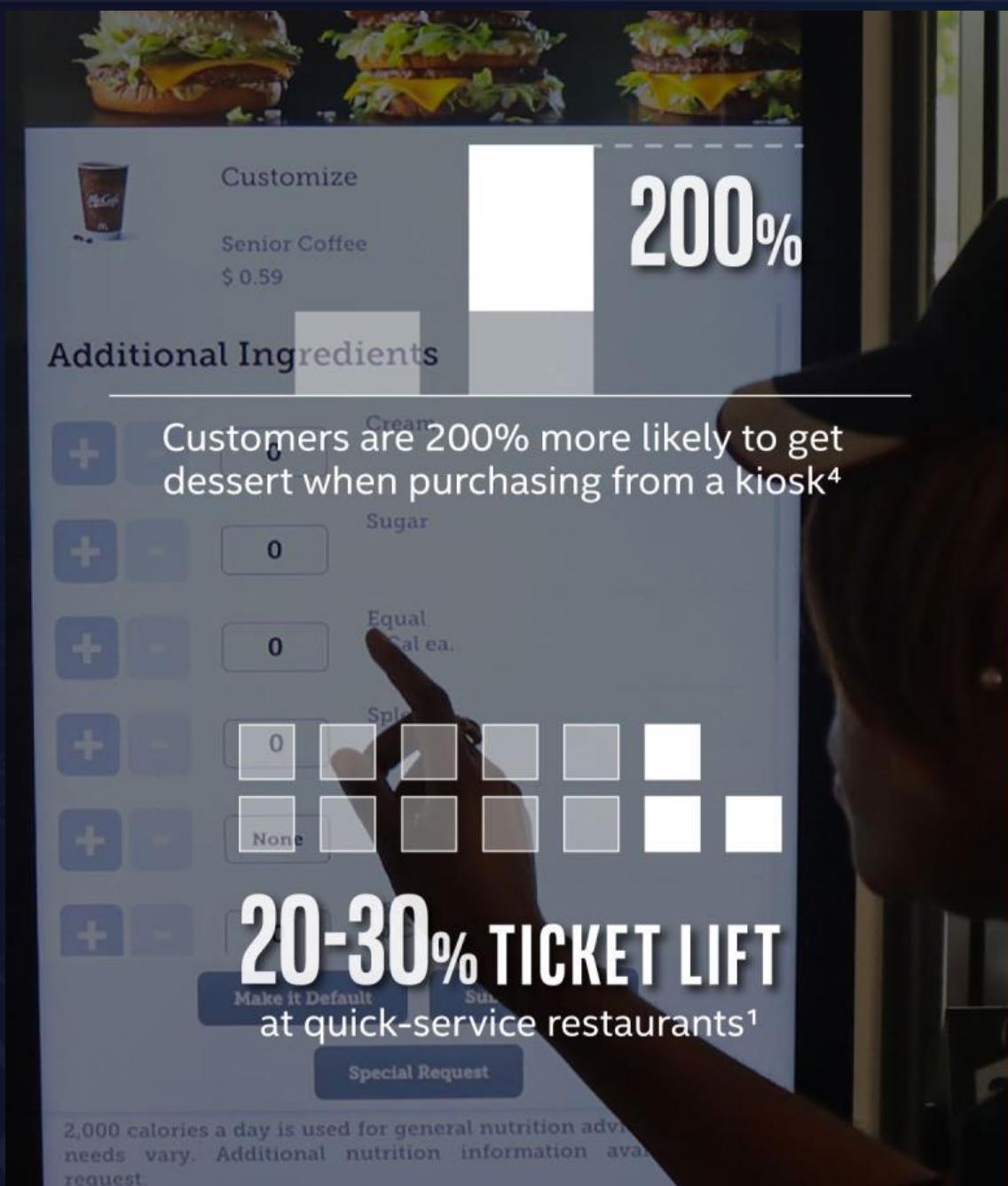
STUNNING VISUALS FOR IMMERSIVE TEACHING

Amazing performance and stunning 4K visuals with Intel® technology.

THE EVOLUTION OF INTERACTIVE KIOSK



THE BENEFITS OF INTERACTIVE KIOSKS



HASSLE-FREE PURCHASES

A more convenient sales process means smoother transactions and increased spending.

<https://www.intel.com/content/dam/www/public/us/en/documents/infographics/interactive-kiosk-infographic.pdf>

TRANSFORMATION IN THE VENDING INDUSTRY



Traditional Vending



Smart Automated Kiosk

Open the door: QR code or Face ID

Select product: Camera(s) recognize product

Close door: Automated billing, e-payment

VISUAL RETAIL USE CASES:

Digital Signage & Menu Boards



Interactive White Boards
Education & Corporate



Video Walls &
Large Format Displays



Interactive Kiosks &
Virtual Banking Kiosks



Wayfinding Kiosks



Vending, Dispensing &
Coolers



Public Kiosks
for Smart Cities



Visual Data Device
(Education)



Intelligent Shelving &
Newsstands



Smart Mirrors & Lockers



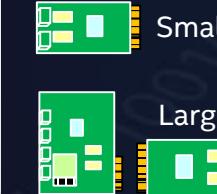
KEY INITIATIVES

Driving Design Wins with Pluggable & Modular Form Factors for VR Products

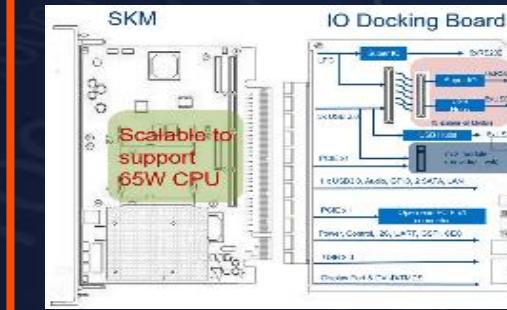
OPS Family



Intel® Smart Display Module



Intel® Smart Kiosk Module



ACCELERATE COMPUTER VISION WITH OPENVINO™ TOOLKIT

What it is

A toolkit to fast-track development of high performance computer vision and deep learning into vision applications. It enables deep learning on hardware accelerators and easy heterogeneous execution across Intel® platforms. Components include:

- Intel® Deep Learning Deployment Toolkit (model optimizer, inference engine)
- Optimized functions for OpenCV*, media encode/decode, and more

Why important

Demand is growing for intelligent vision solutions. Deep learning revenue is estimated to grow from \$655M in 2016 to \$35B by 2025¹. This requires developer tools to integrate computer vision, deep learning, and analytics processing capabilities into applications, so they can help turn data into insights that fuel artificial intelligence.

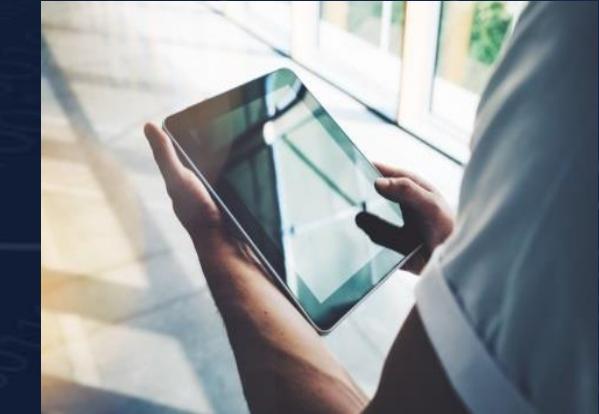
Users

Software developers, data scientists working on vision solutions for surveillance, robotics, healthcare, office automation, transportation, & more.



INTEL® VPRO

Putting Intel® Active Management Technology (Intel® AMT) to work



SEE IT REMOTELY - EVEN
WHEN IT'S DOWN

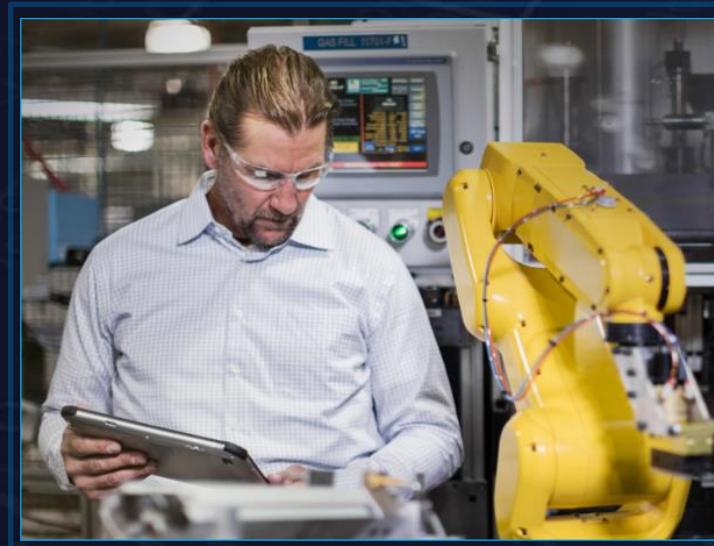
SET SPECIFIC WAKE-UP
TIMES AND UPDATE
INTERVALS

REMOTE
POWER-ON

RECOVER FAULTY SYSTEMS,
WITHOUT SENDING A TECH.
EVEN IF IT WON'T BOOT

INTEL® IOT MARKET READY SOLUTIONS

EVERY INTEL® IOT MARKET READY SOLUTION IS...



TAILORED TO INDUSTRY SPECIFIC
BUSINESS PROBLEMS

PRE-INTEGRATED AND IN
PRODUCTION TODAY

DESIGNED TO
ACCELERATE ROI

MAKING IT EASIER FOR...

**Customers to Realize
Solution Value**



**Solution Partners to Get
Solutions to Market**



**Integrators to
Implement Solutions**



IOT SOLUTIONS ALLIANCE (ISA)

Partner program delivering a competitive advantage for Intel and our Partners



VISUAL SOLUTIONS ARE ENABLING THE DIGITAL TRANSFORMATION

INTEL HAS THE PRODUCTS, TOOLS AND A STRONG ECOSYSTEM TO ENABLE YOUR SUCCESS

ENJOY THE WORKSHOP!

