The Future of Transportation

Bryan Mistele, President and CEO, INRIX

INRIX Confidential

Key Transportation Problems

Hours wasted in traffic by US commuters

Gallons of extra fuel wasted due to congestion

Annual deaths on US roadways

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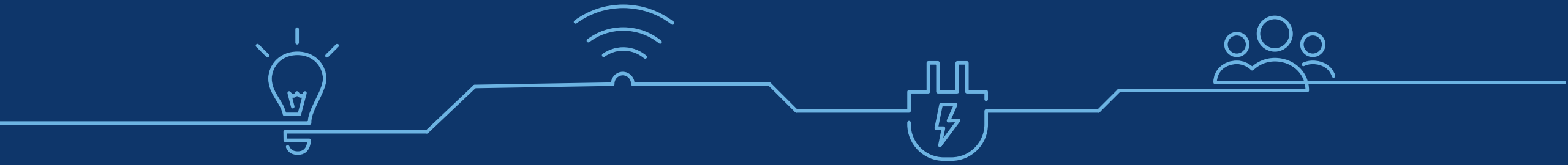
Industry Inflection Point: The ACES



Autonomous

TESLA
Google
UBER
MOBILEYE

Connected

INRIX
TOMTOM
here

Electric

NISSAN LEAF
TESLA
BMW
CHEVY VOLT

Shared

UBER
CAR2GO
DiDi
ZIPCAR
lyft

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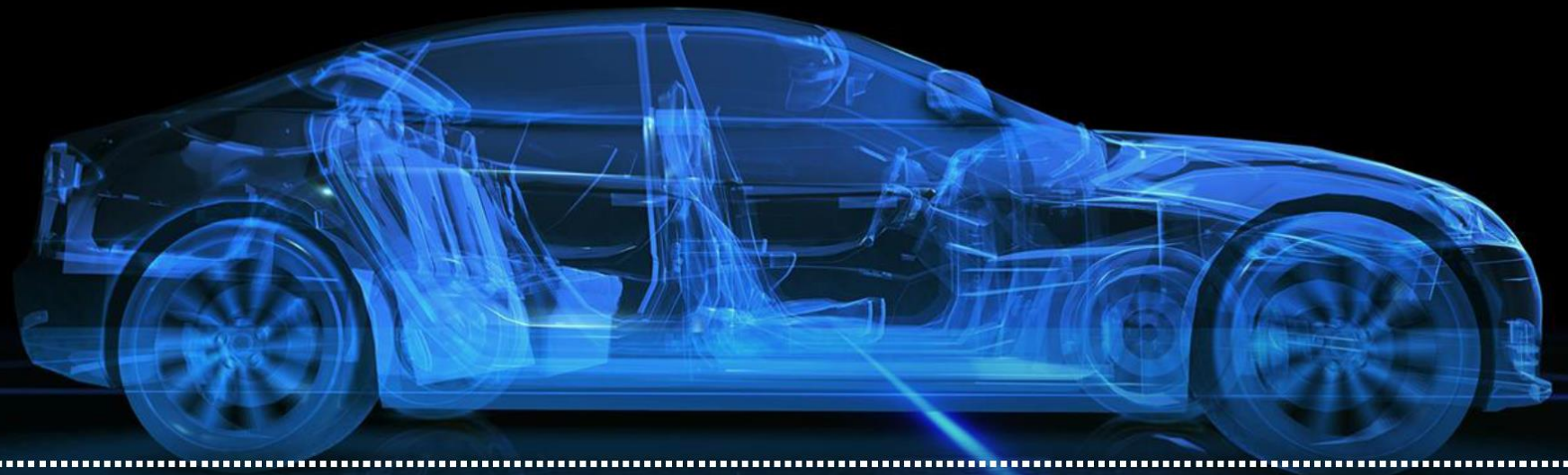
The Coming Flood of Data - Autonomous Vehicles

Cameras	Radar	LiDAR	GPS	Sonar
~20-40M	~10-100K	~10-70M	~50K	~10-100K
BYTES PER SECOND	BYTES PER SECOND	BYTES PER SECOND	BYTES PER SECOND	BYTES PER SECOND



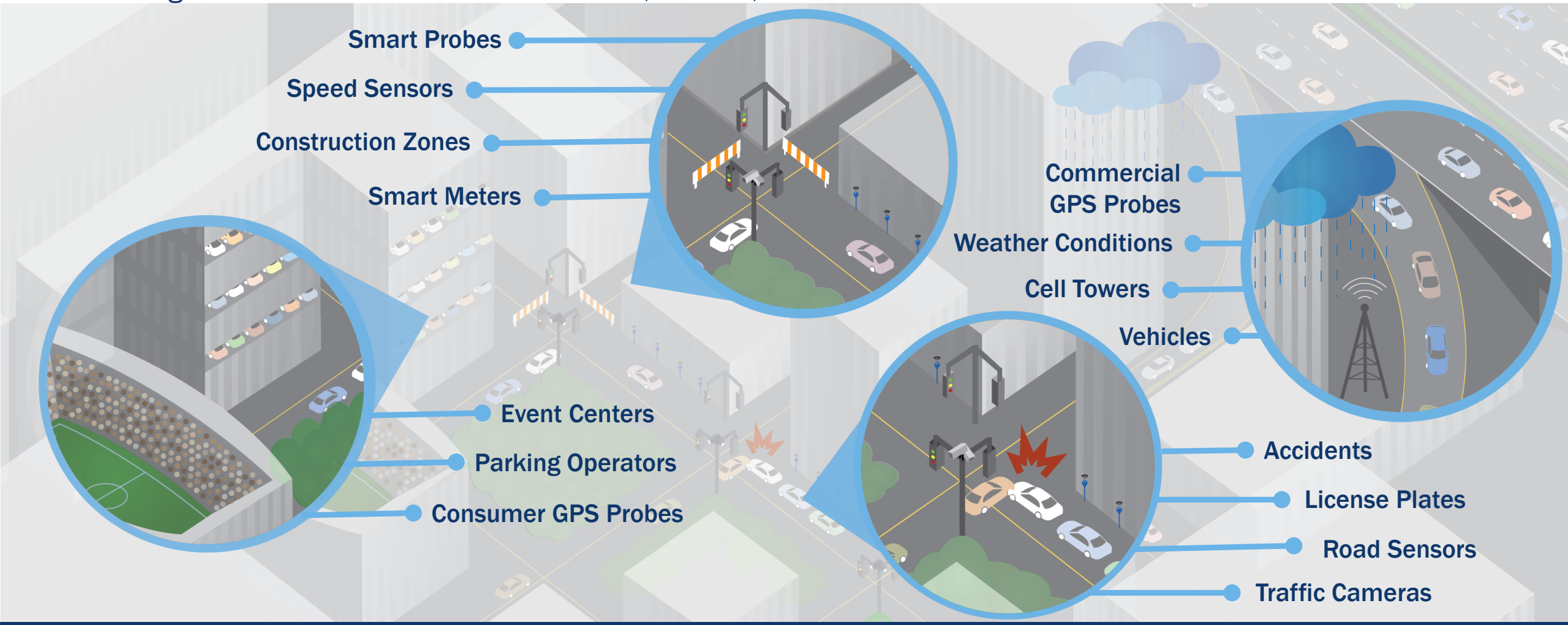
Total: 4,000G bytes per day

Brian Krzanich, Intel CEO, November 2016

Valens

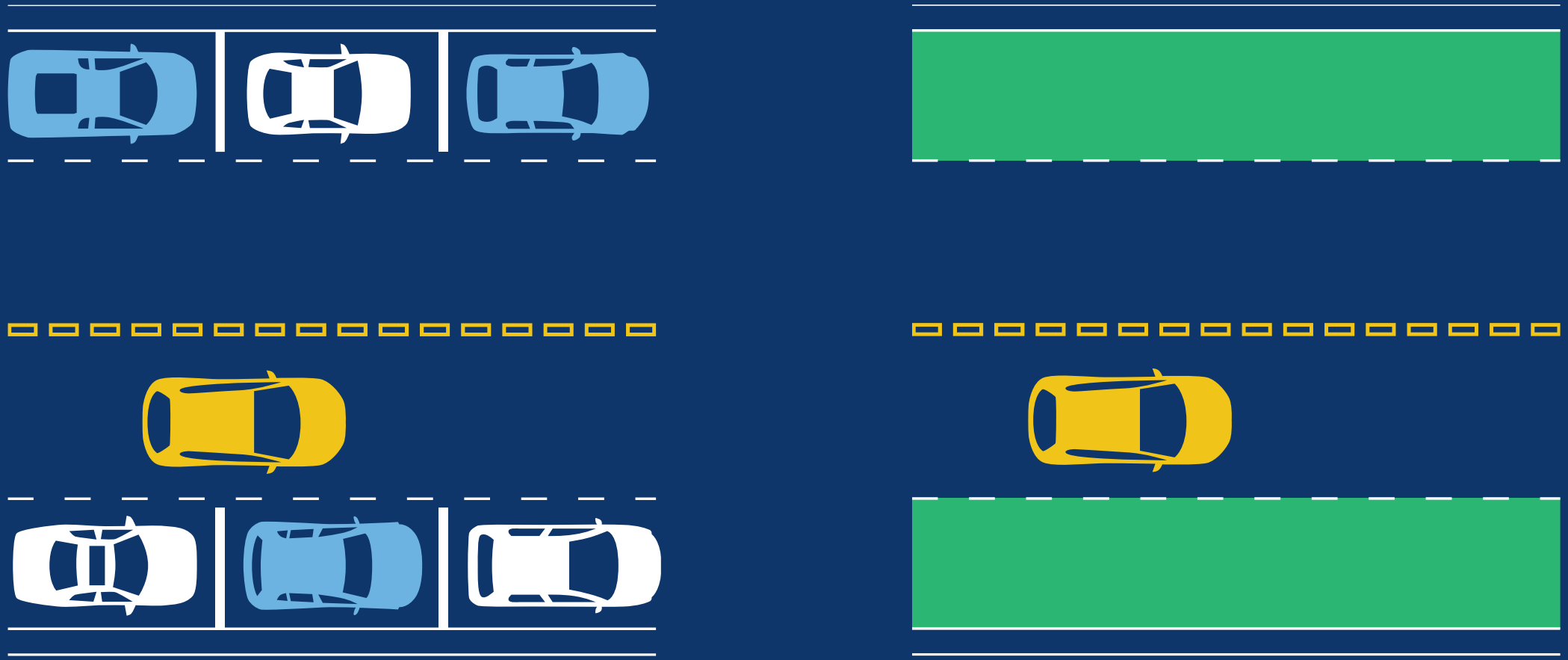
Data Mining the Smart City

We leverage a connected network of IoT sensors, devices, cars and drivers



Reduced Congestion

The nightmare of finding parking goes away as vehicles just pull up to load and unload passengers



Today

Tomorrow

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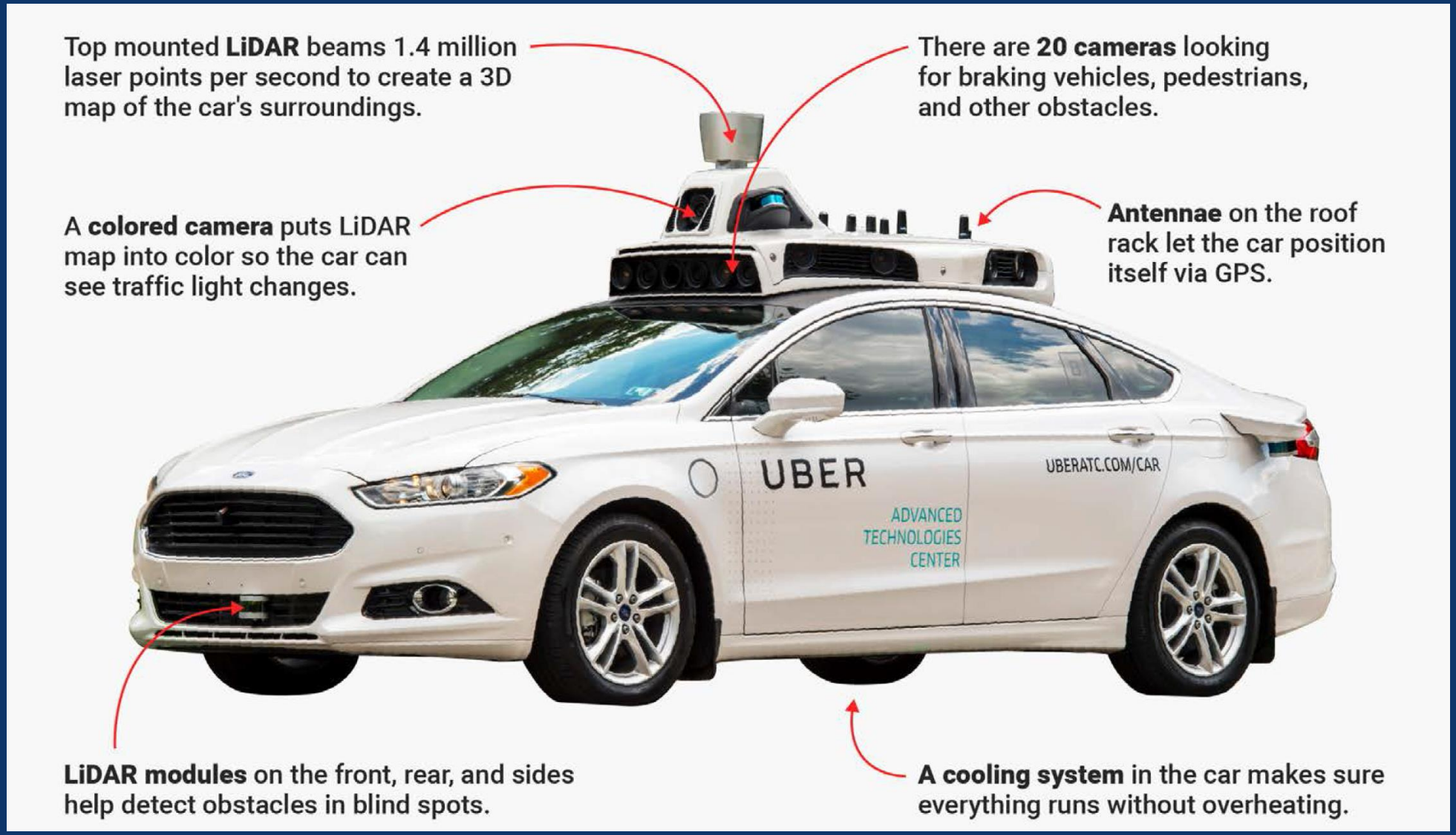
Increased Safety



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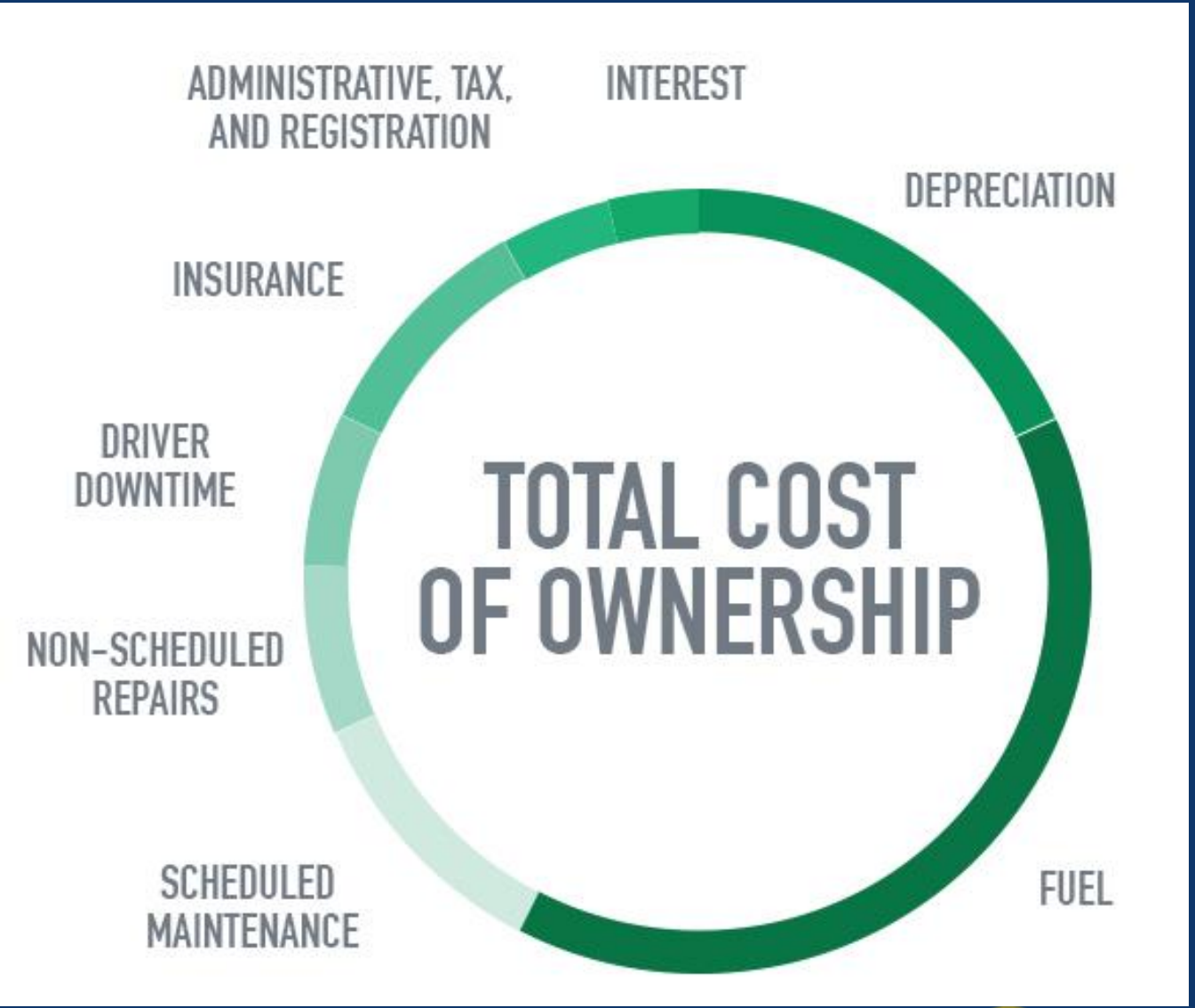
Lower Cost of Transportation



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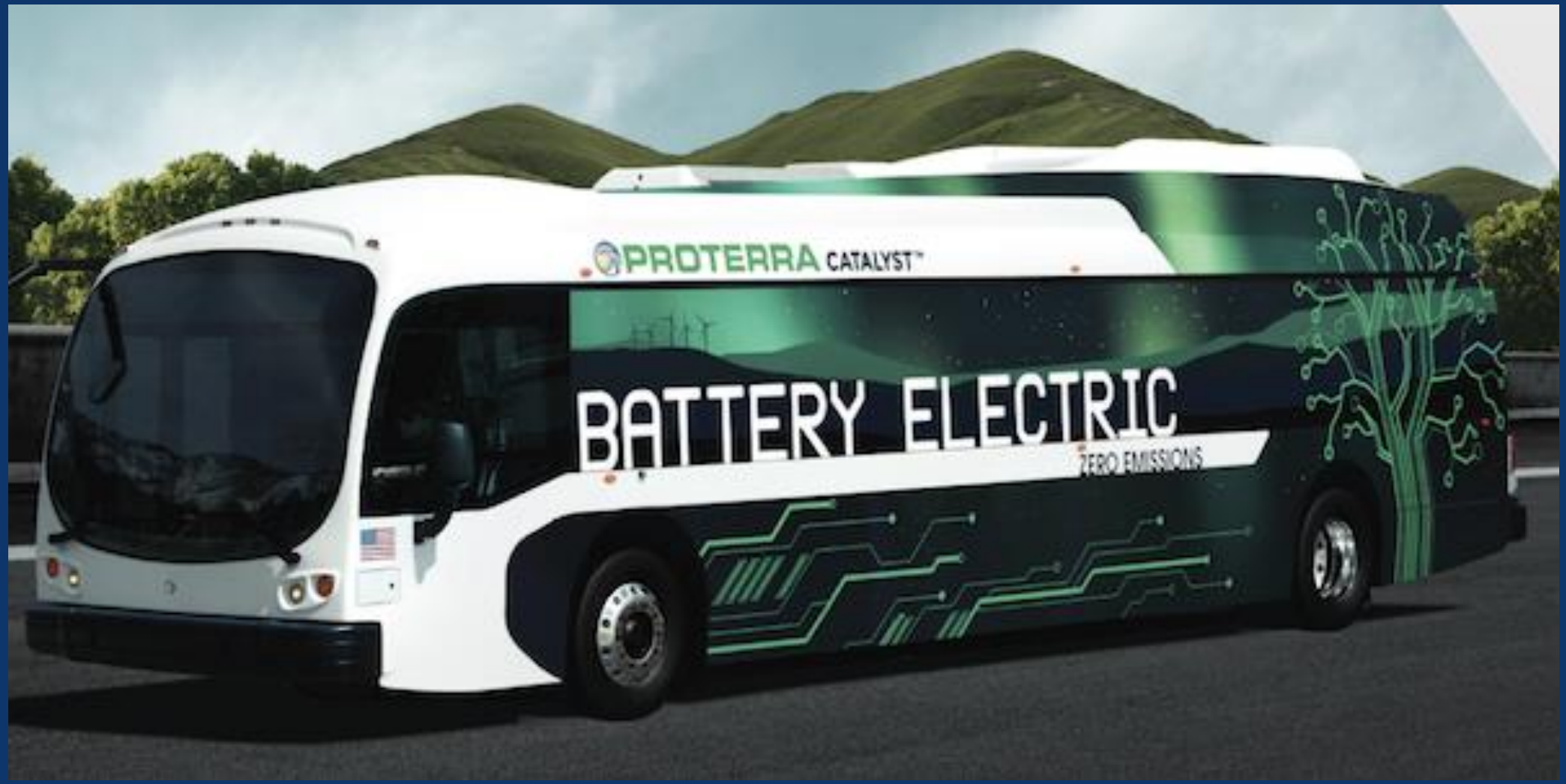
More Convenient

More Environmentally Friendly



Cities Open Up

Fewer parking lots means more room for parks, playgrounds, homes and shops

Today

Tomorrow

More Accessible

Anyone can use an autonomous vehicle, regardless of age or disability

Today

Tomorrow

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Benefits of the ACES

- ✓ Reduced Congestion
- ✓ Increased Safety
- ✓ Lower Cost of Transportation
- ✓ More Convenient
- ✓ More Environmentally Friendly
- ✓ Cities Open Up
- ✓ More Accessible

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