Leading in a Transitional World

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Chief Executive Officer

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The supplier industry is worth	$1 Trillion
Magna’s global ranking is	#3
Our sales exceed	$36 Billion

The world is **changing.**
The consumer is **changing.**

Future Trends

Technology

Artificial Intelligence
Virtual / Augmented Reality
Internet of Things / Connectivity
Driverless Cars (ADAS)
Advanced Robotics
Advanced Materials
Additive Manufacturing
Drones

People & Planet

Urbanization
Health Care Advances
Aging Population
Global Warming
- Solar
- EV / Hybrid

Wealth Distribution
- People/Countries

Future Trends Impact on Mobility

Technology

Artificial Intelligence
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People & Planet

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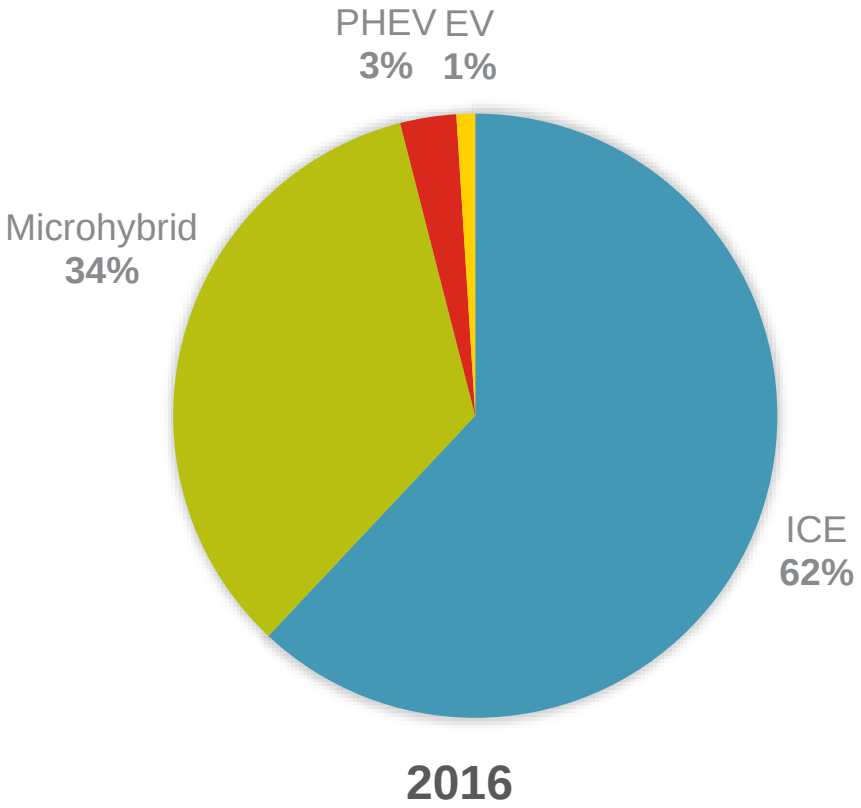
Electrification

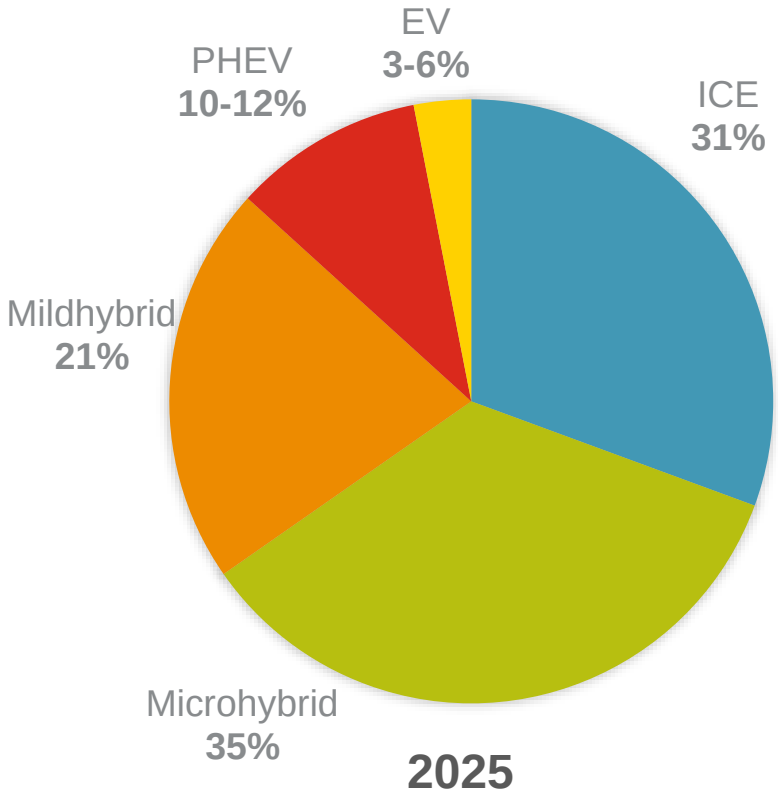
Autonomous Driving

New Mobility

Electrification

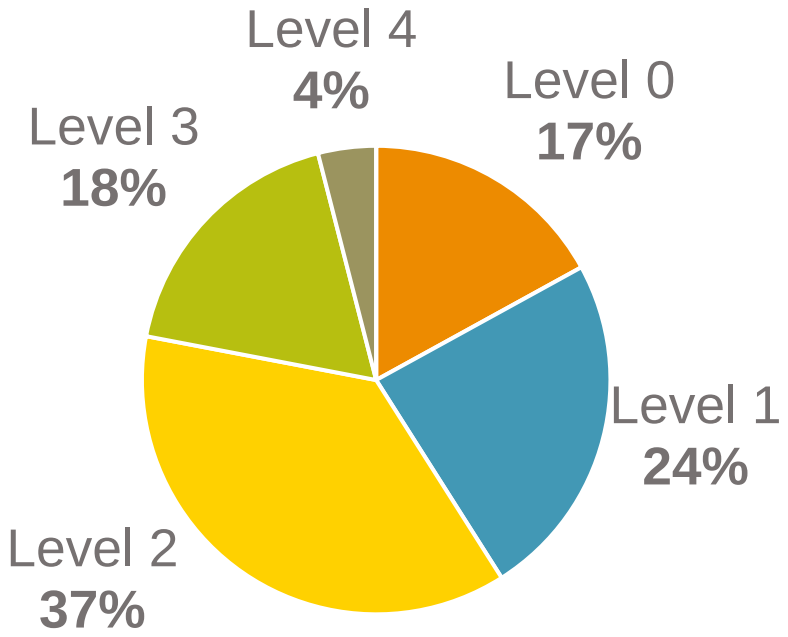
Electrification Take Rate – 2025





Autonomous Driving

Autonomy Take Rate –2025



Benefits of autonomy:

- Greater road safety
- Independence for some
- More efficient travel
- Reduced congestion

*Indicates Level 0-5, all other take rates are only Level 0-4

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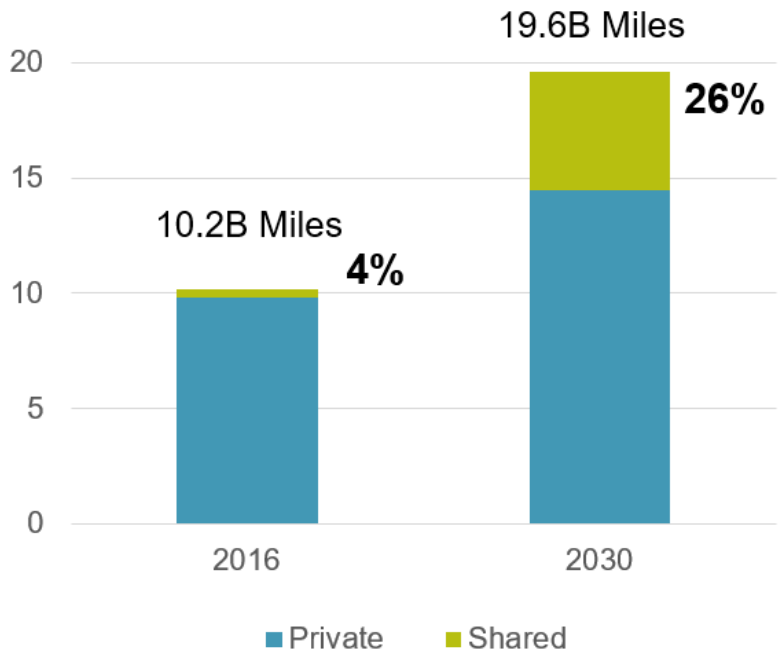
New Mobility

Miles Driven Globally 2016-2030



Source: IHS

How does a supplier lead in a transitional world?

World Class Operations Attract & Retain Innovation

Magna Product Areas

BODY & CHASSIS

POWERTRAIN

ELECTRONICS

SEATING

EXTERIORS

CLOSURES

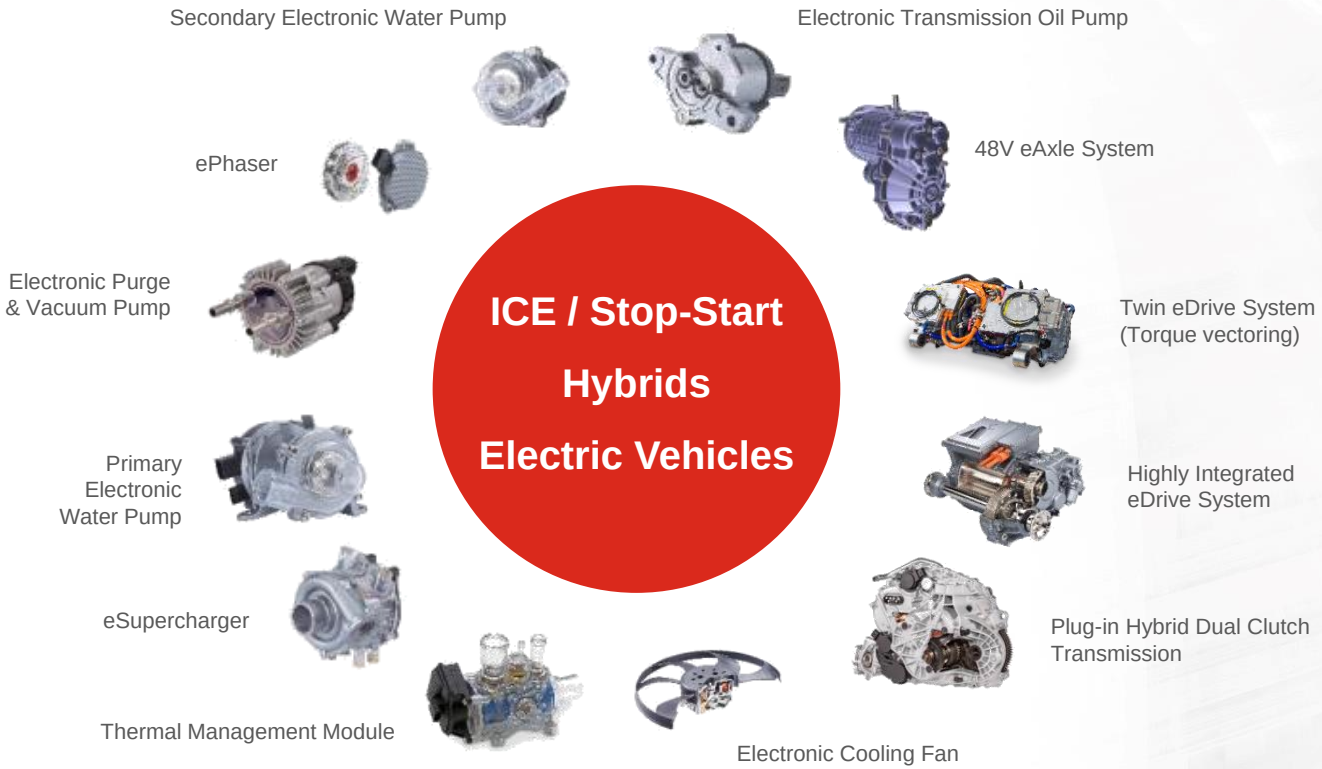
VISION SYSTEMS

Complete Vehicle Assembly

Jaguar

BMW

Powertrain Electrification



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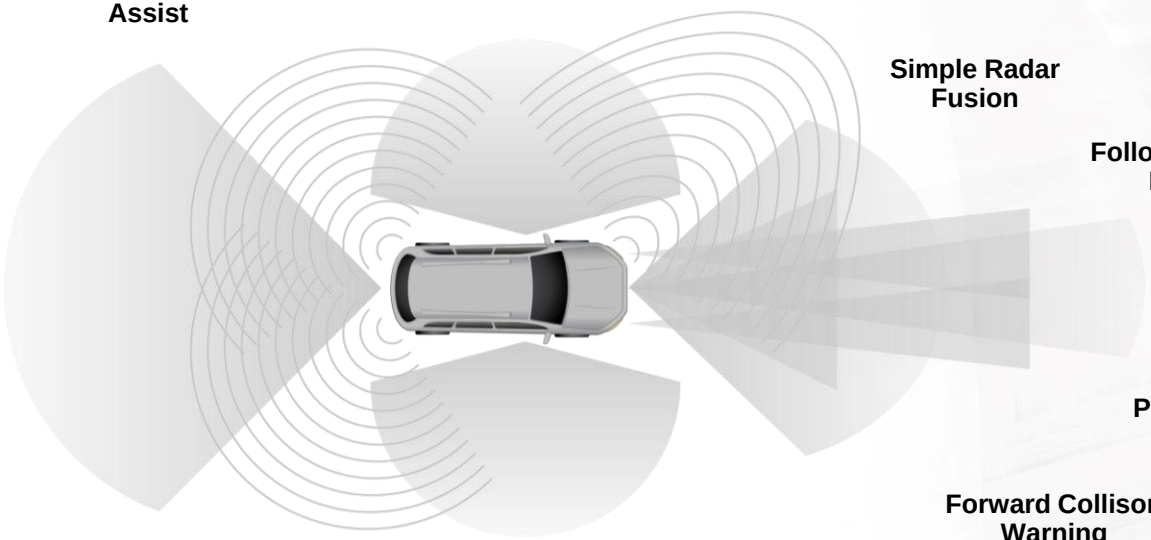
ADAS Features



Traffic Light Detection

Automatic Emergency Braking

Vision-only Adaptive Cruise Control

Drowsy Driver Assist

Advanced Lane Data

Road Surface Characterization

Pre-Collison Control

Simple Radar Fusion

Following Distance Indication

High-Beam Assist

Lane Keep Assist

Intelligent Light Ranging – Matrix Beam

Pedestrian AEB

Forward Collison Warning

EDR – Event Data Recorder + Image Capture

Lane Departure Warning

Traffic Sign Recognition

Adaptive Suspension

Camera-Radar Fusion

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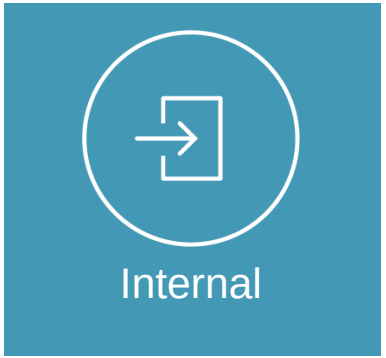
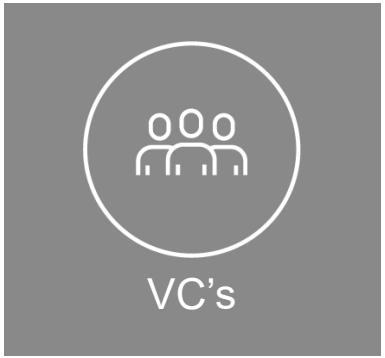
Level 3 Drive to Traverse City

#Automated2TC

Sources of Innovation





“Auto-Qualify”

Partnerships

Magna

Automotive Industry

Regional

Technology Advisory Council

Academia

Silicon Valley

Legislation

CAPC

Industry – Led Organization

DRIVING **EXCELLENCE.**
INSPIRING **INNOVATION.**

CAR
CENTER FOR AUTOMOTIVE RESEARCH

MBS 2017

Management Briefing Seminars