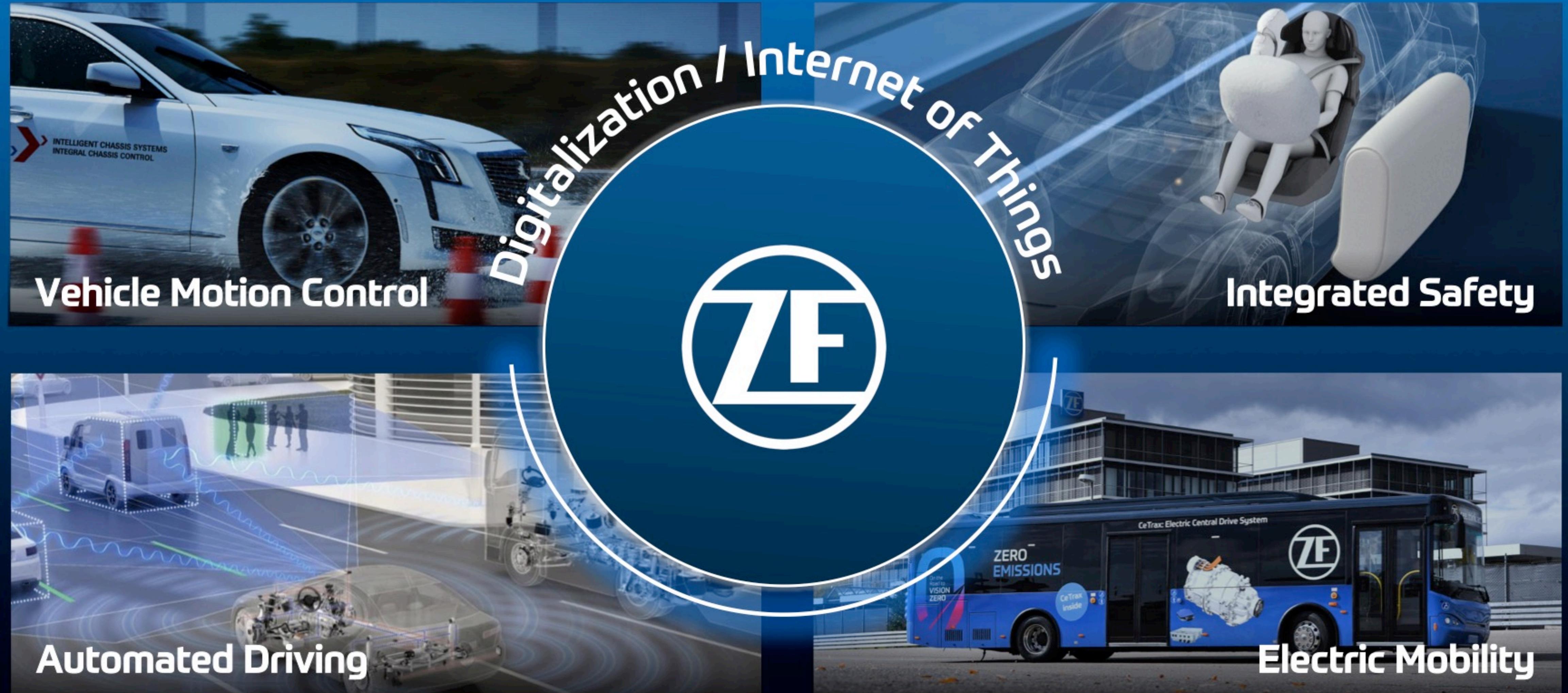


Wolf-Henning Scheider

Chief Executive Officer ZF Friedrichshafen AG

Next Generation Mobility



Next Generation Mobility



Micro-Mobility



Urban Mobility



Mid- and
Long-Range Mobility

Full Systems Competency



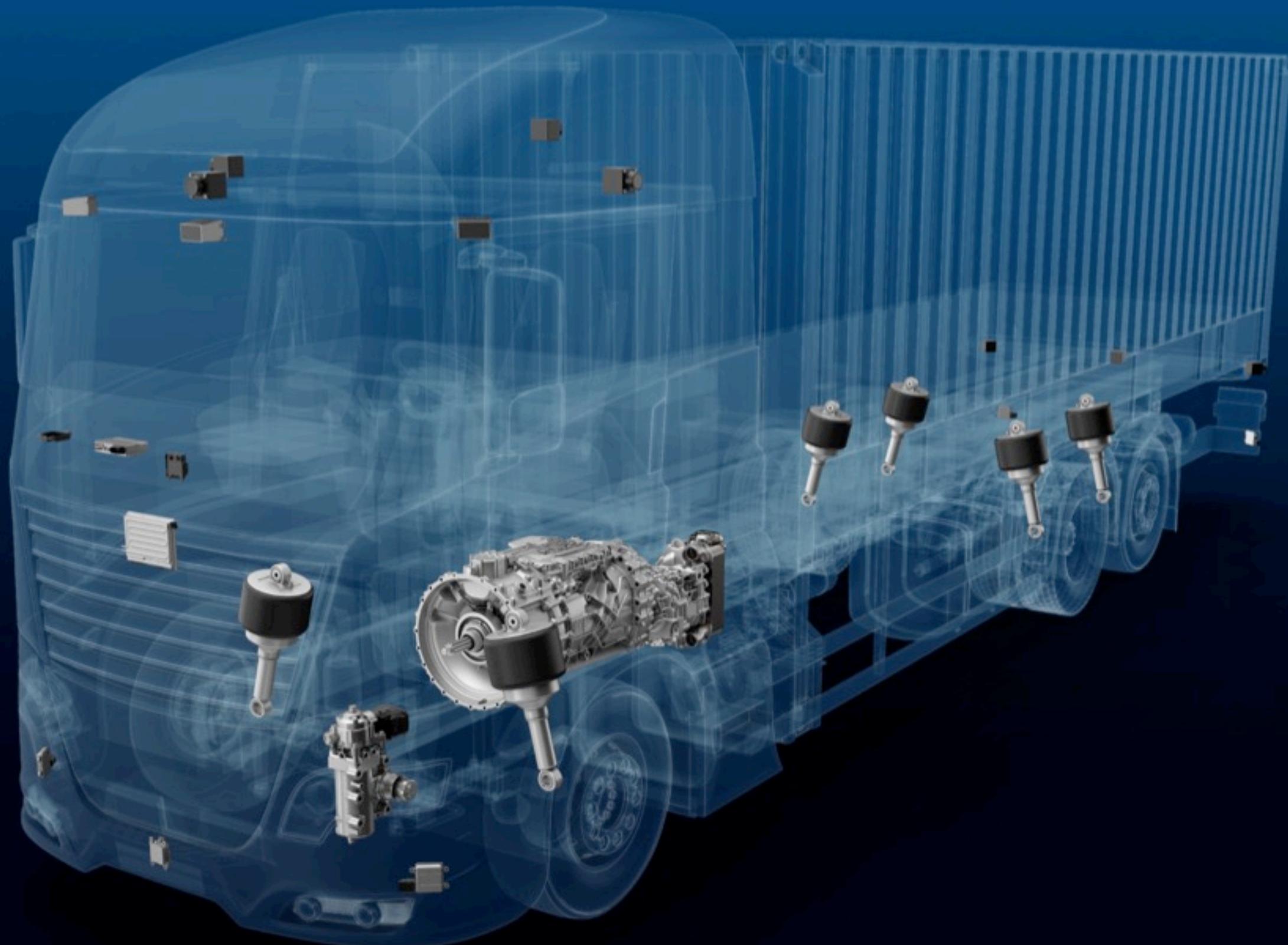
Electric Mobility



Vehicle Motion Control



Digitalization



Automated Driving



Integrated Safety



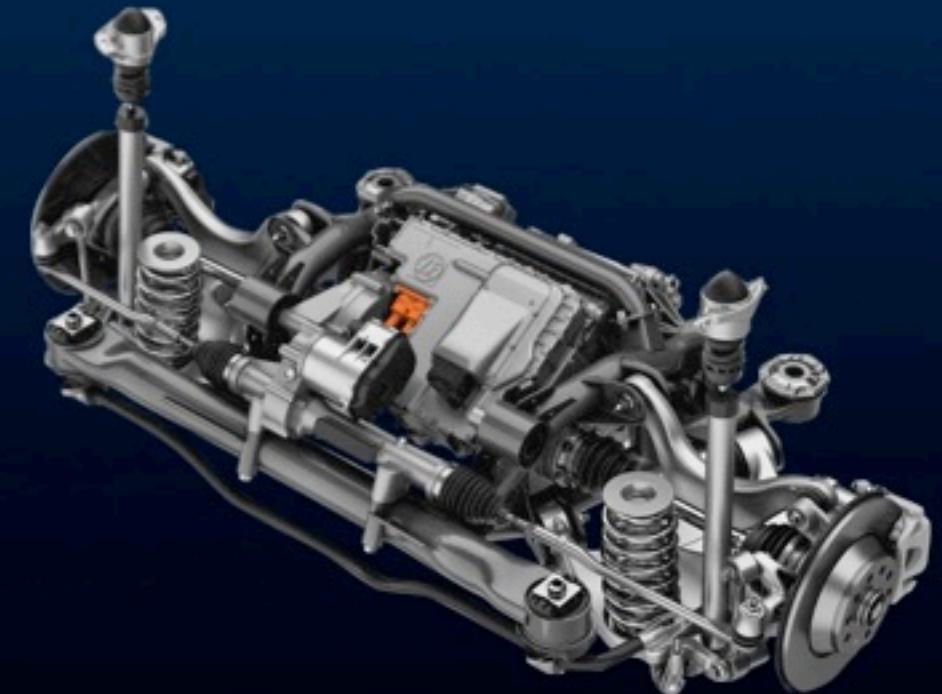
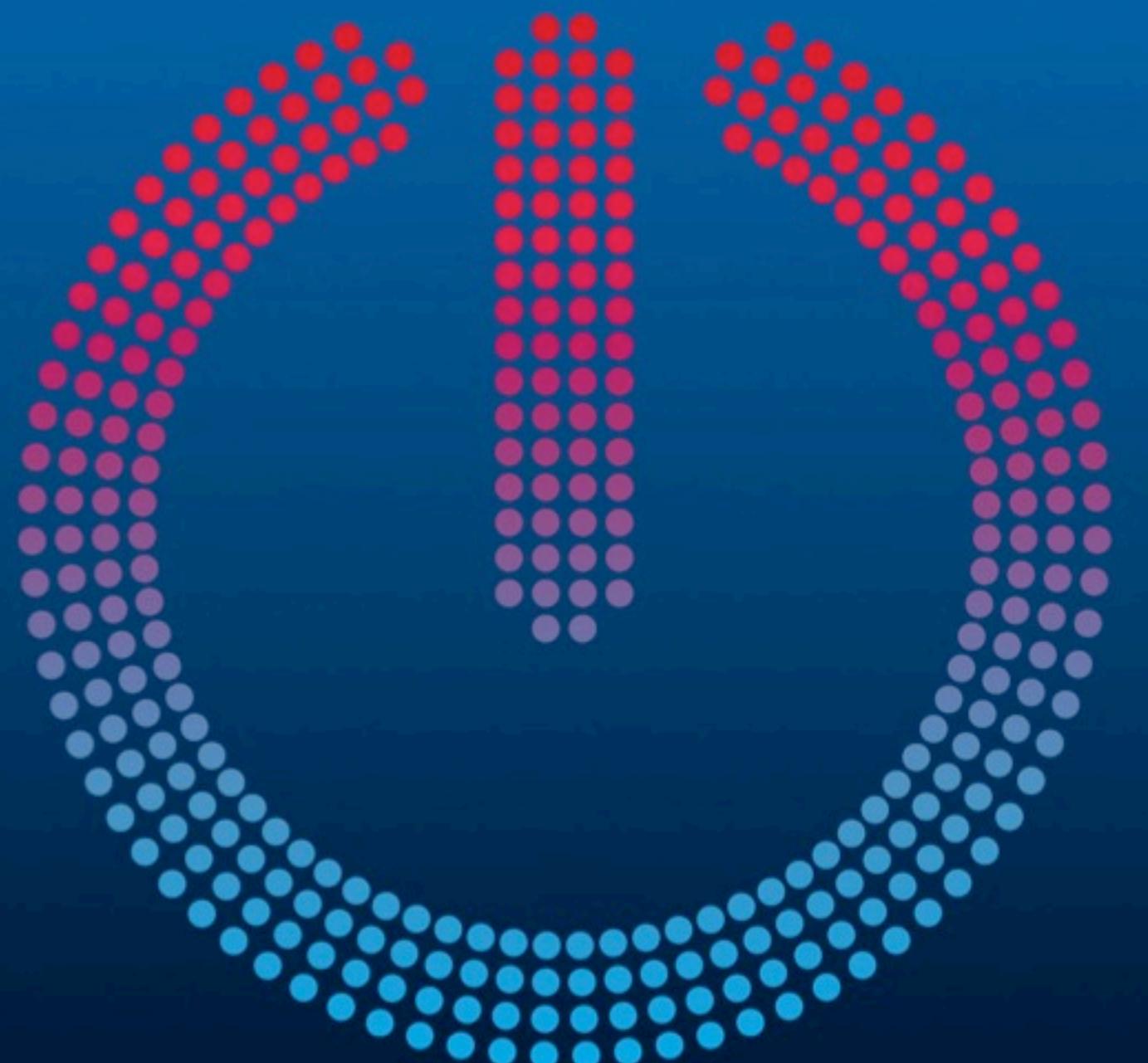
ZF – Fully Electrified



CeTrax lite



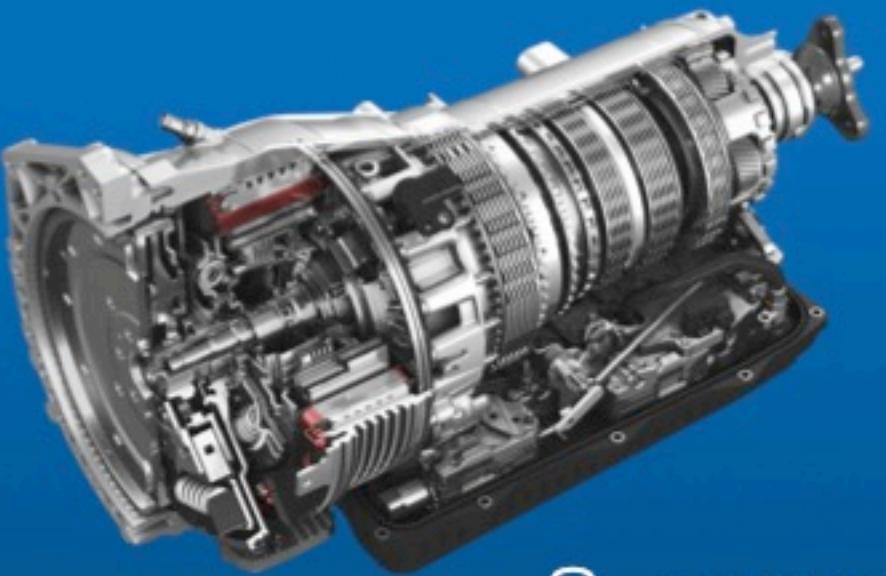
CeTrax mid



mSTARS



TraXon
Hybrid

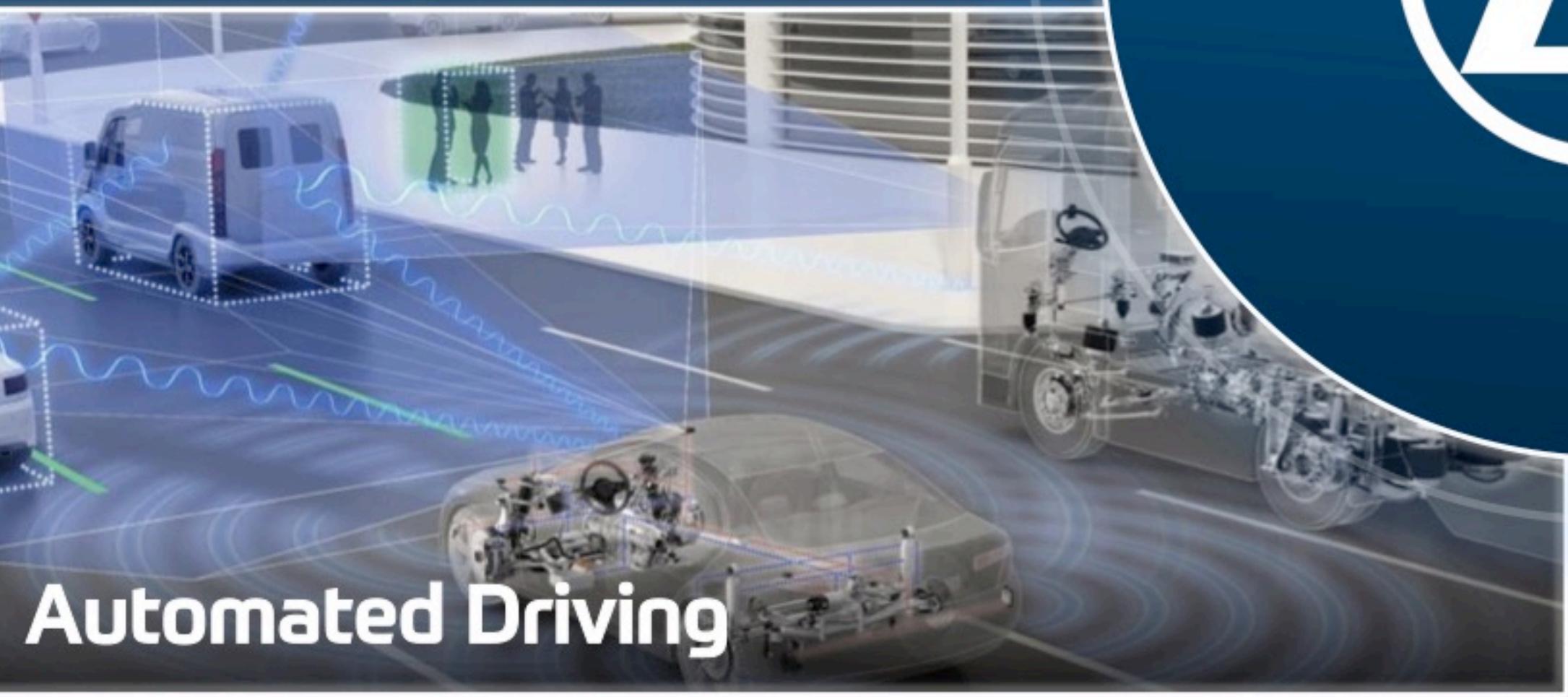


8-speed Plug-in
Hybrid Transmission



AVE 130

Digitalization / Internet of Things



Automated Driving



Integrated Safety



SEE > THINK > ACT

ZF ProAI



Drivers for Smart Logistics

TCO

Safety



Digitalization / Internet of Things

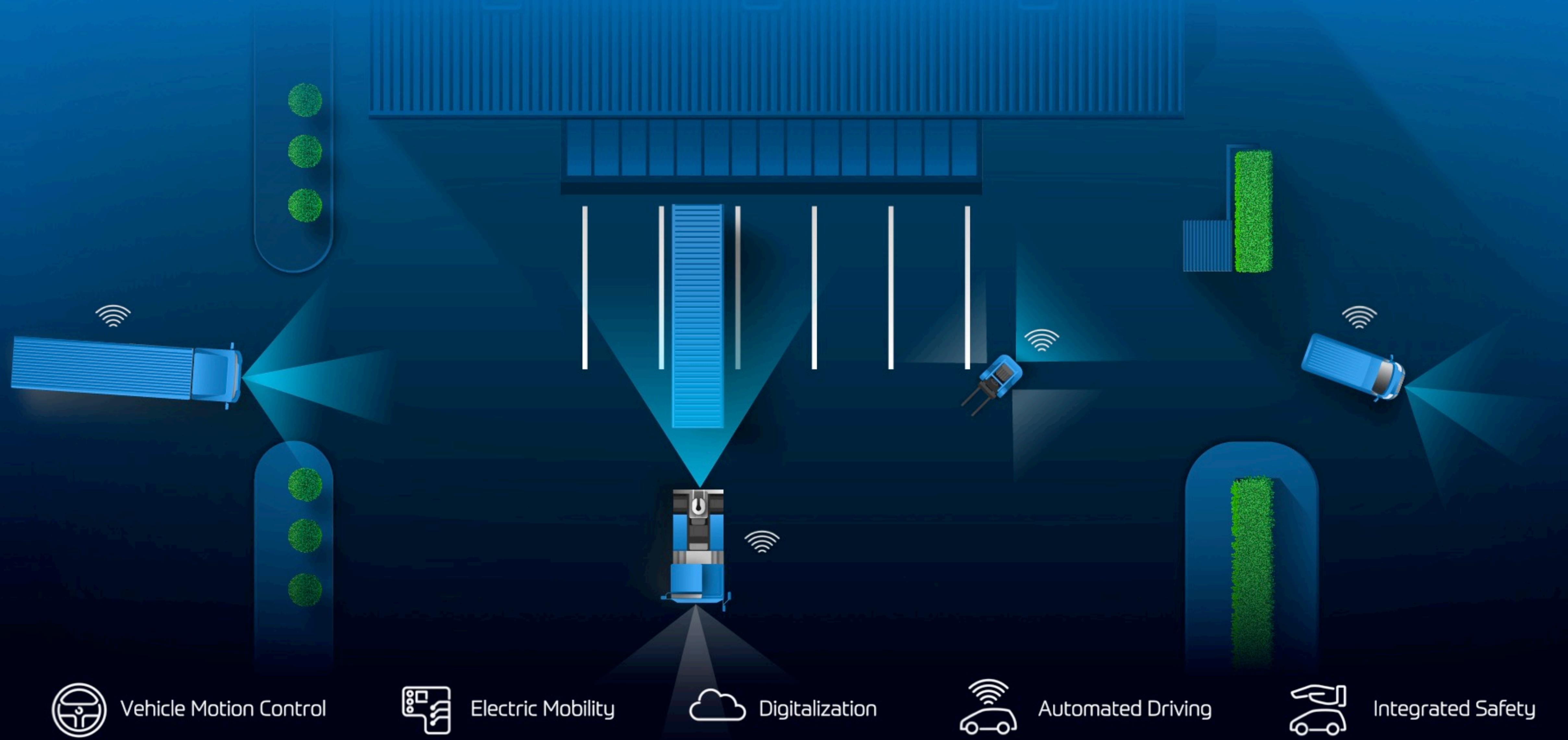
Vehicle Motion Control

Integrated Safety

Automated Driving

Electric Mobility

Smart Logistics around an Autonomous Depot





Next Generation Interior of a Courier Vehicle





Vehicle Motion Control



Industrialization / Internet of Things



Integrated Safety



Automated Driving

Vehicle Motion Control

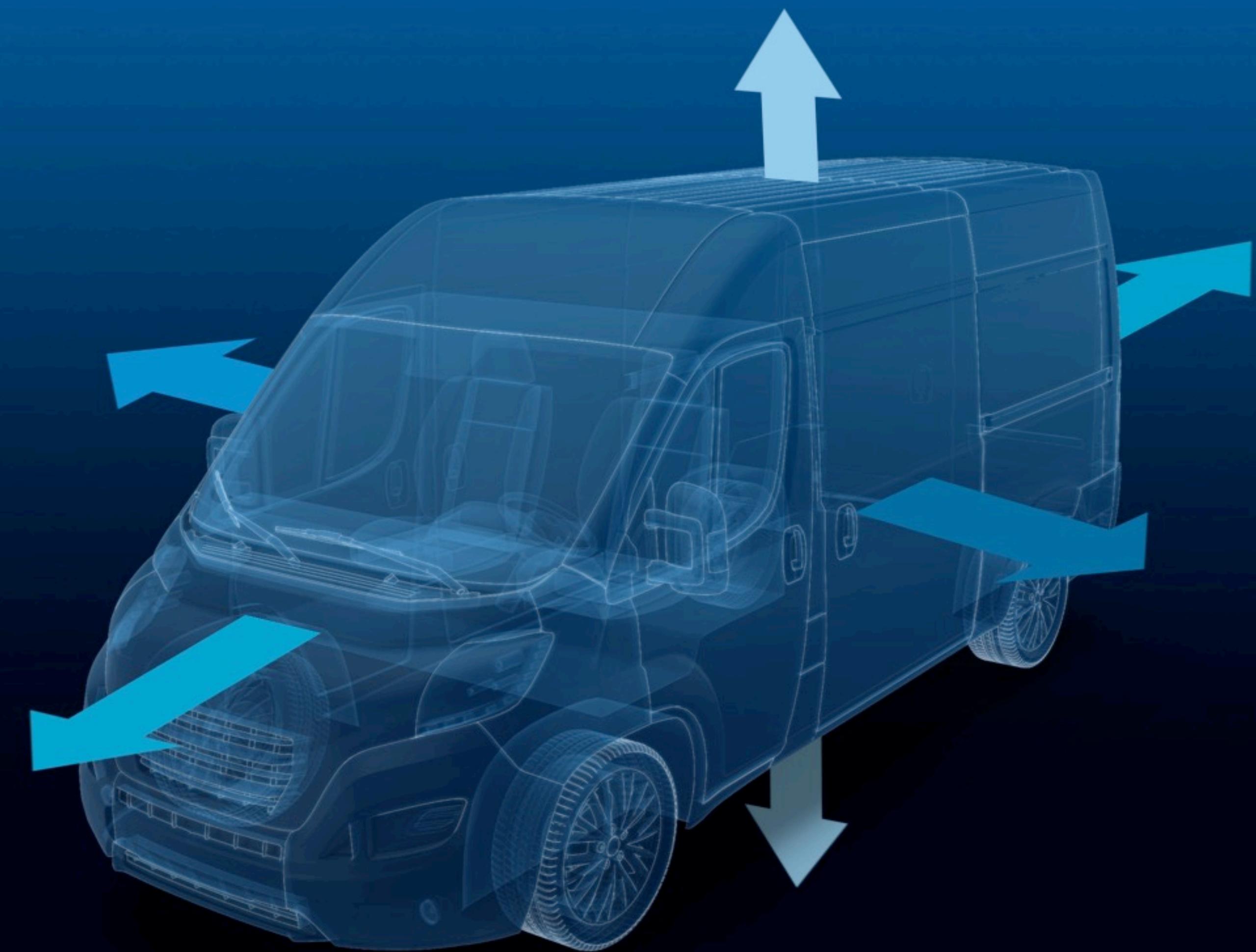


Precondition: Networked Systems

Steering

Braking/Accelerating

Damping



Networked Systems for Vehicle Motion Control

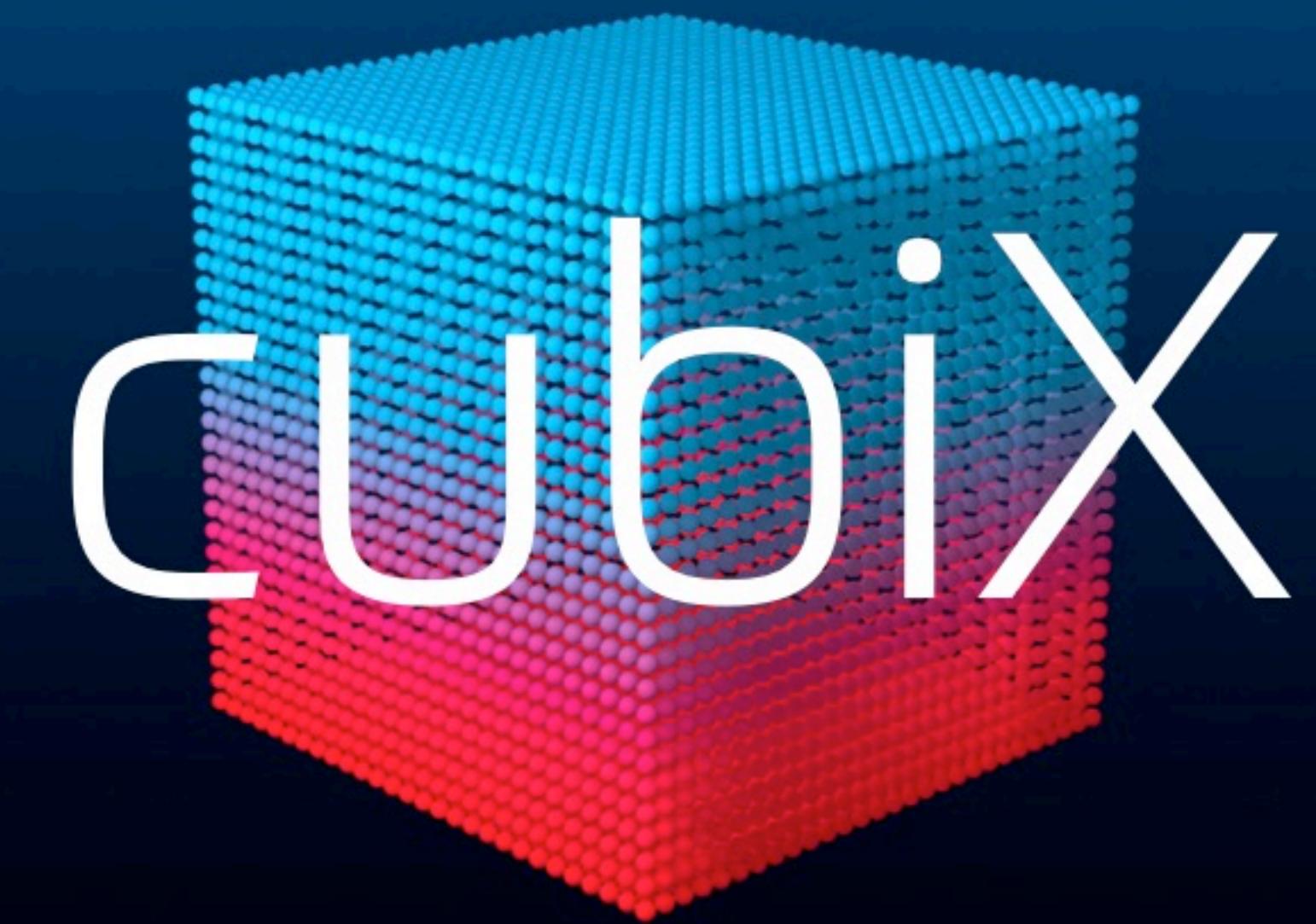
Electric Power
Steering

Rear Axle
Steering

Integrated
Brake Control

Active
Damping

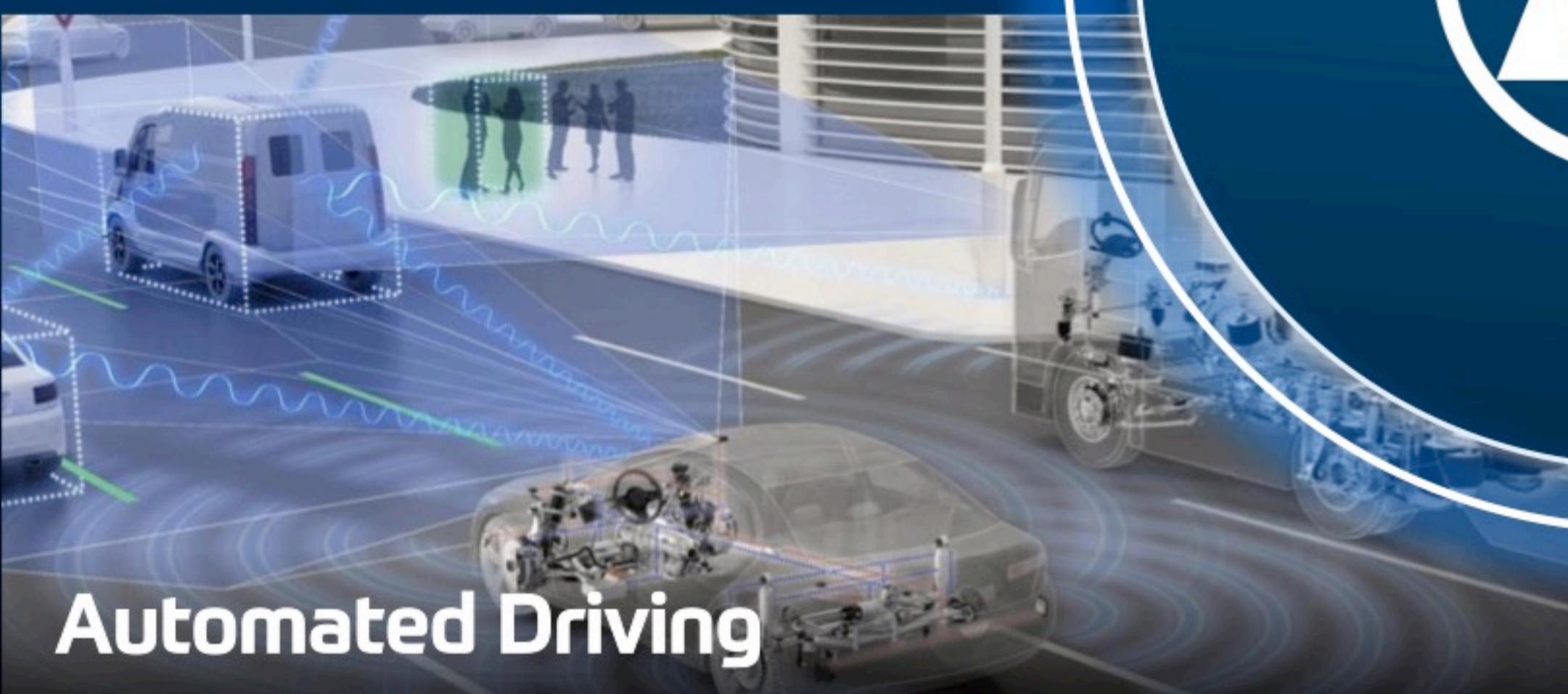
Axle System:
mSTARS



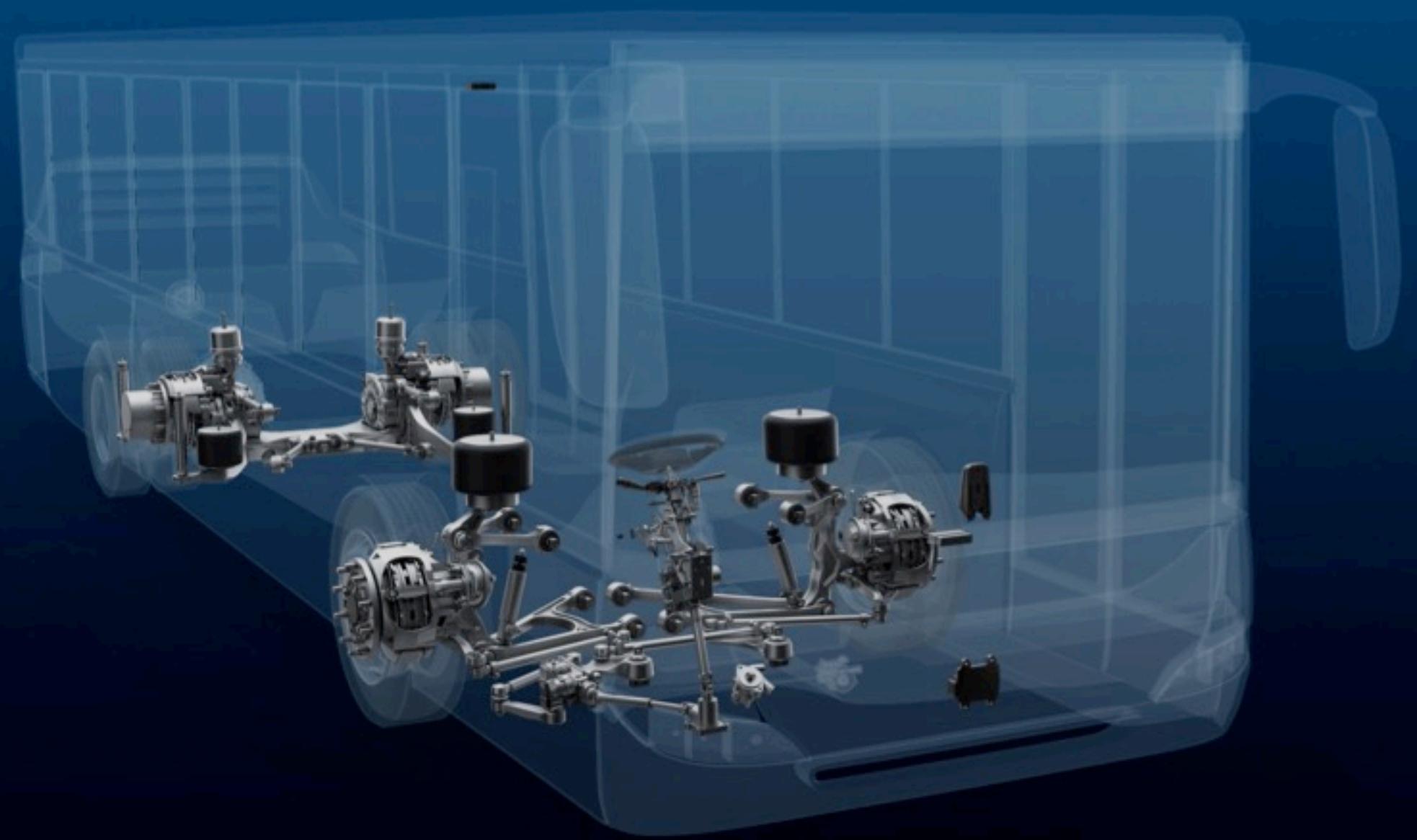
Chassis Coordinator for a Safe and Comfortable Ride



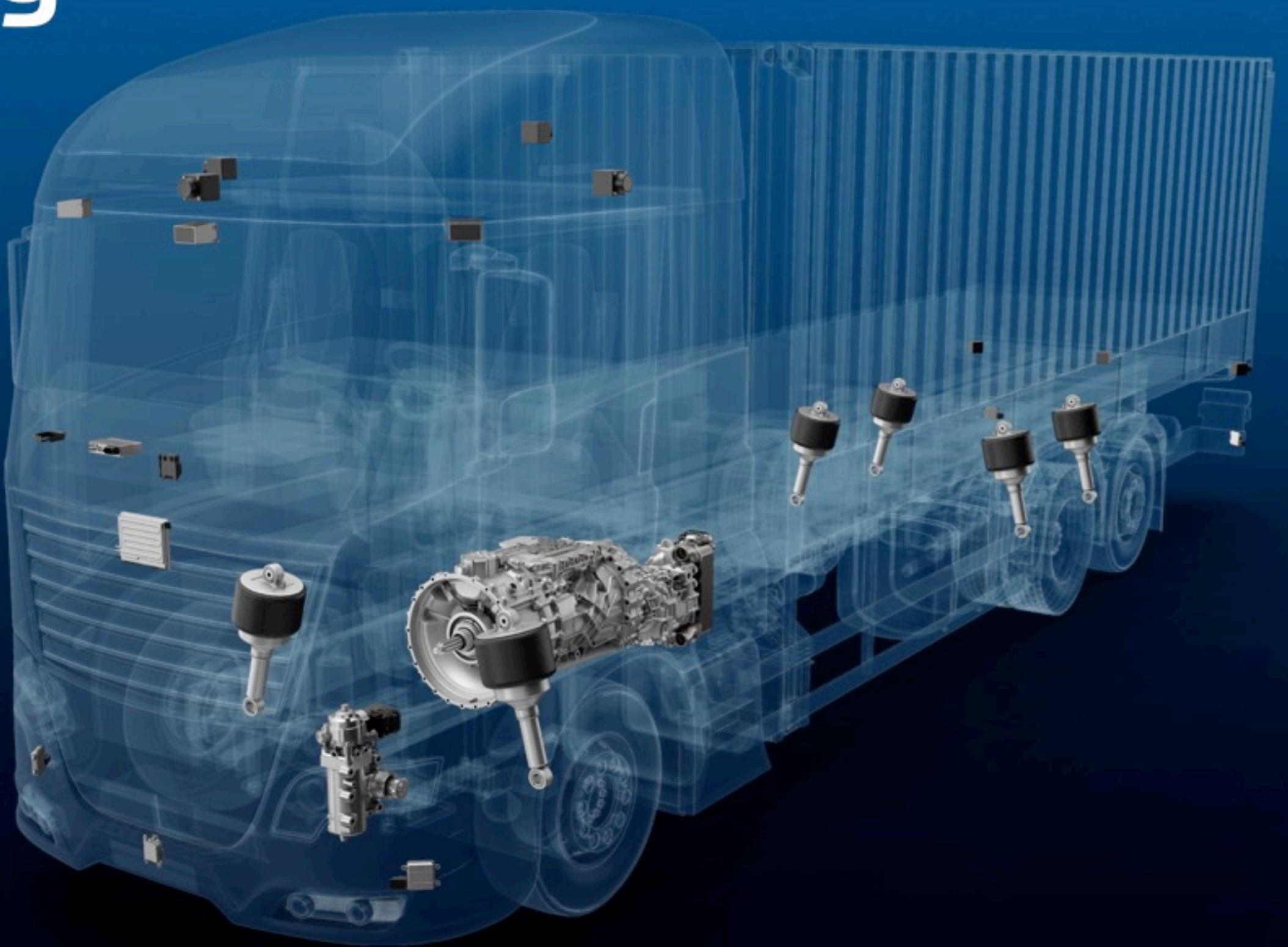
Digitalization / Internet of Things



Next Generation Mobility



Smart Transportation



Smart Logistics

World Premiere: Terminal Yard Tractor

see. think. act.



World Premiere: ZF Innovation Van



Addressing All Business Areas



Good Perspectives for People Mover Segment





e.GO



