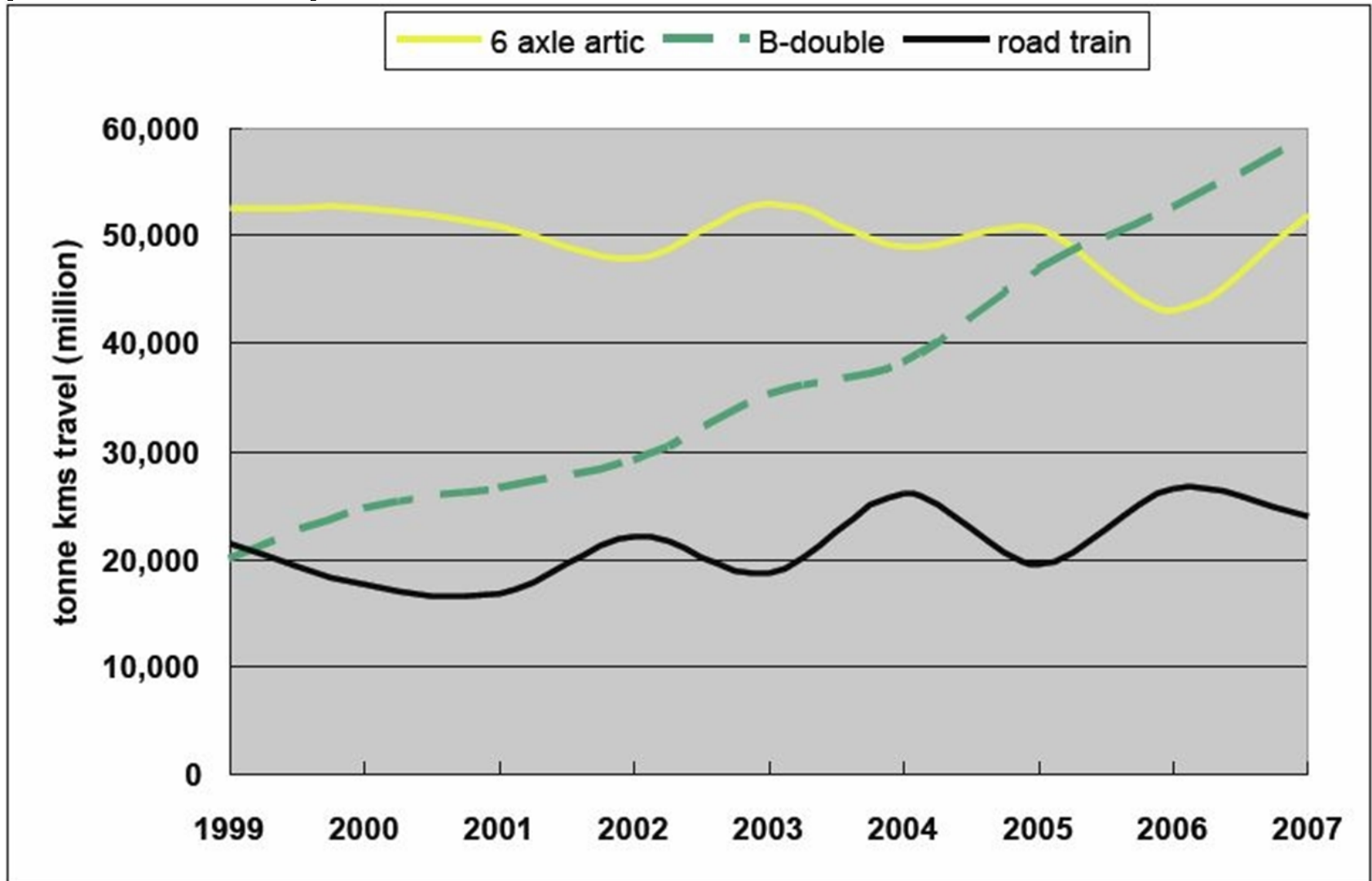


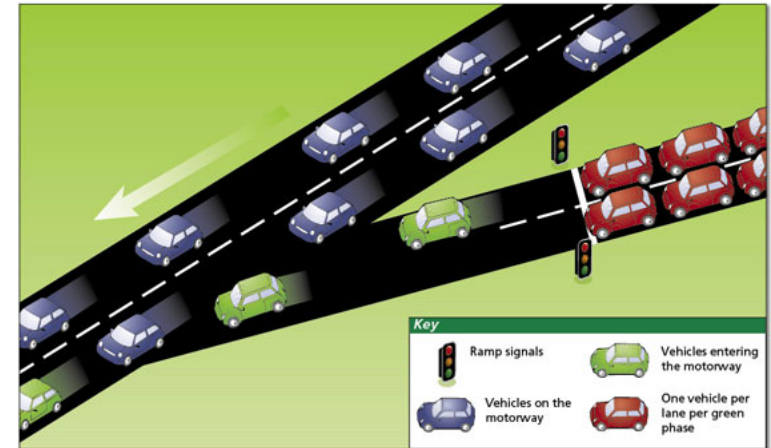
An integrated approach to technology development

Gerard Waldron
Managing Director
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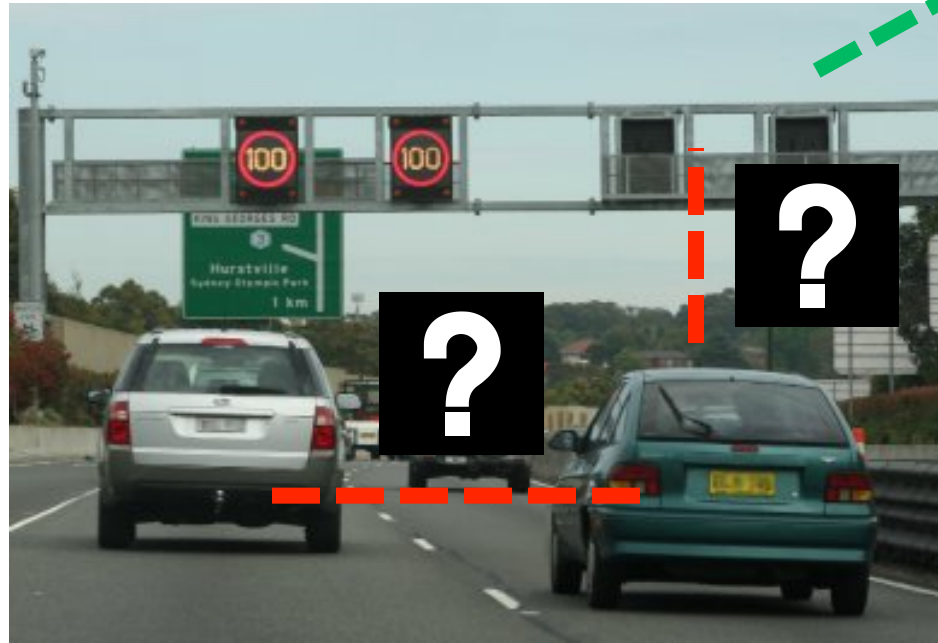
Growth in freight carried by B-doubles (1999 – 2007)



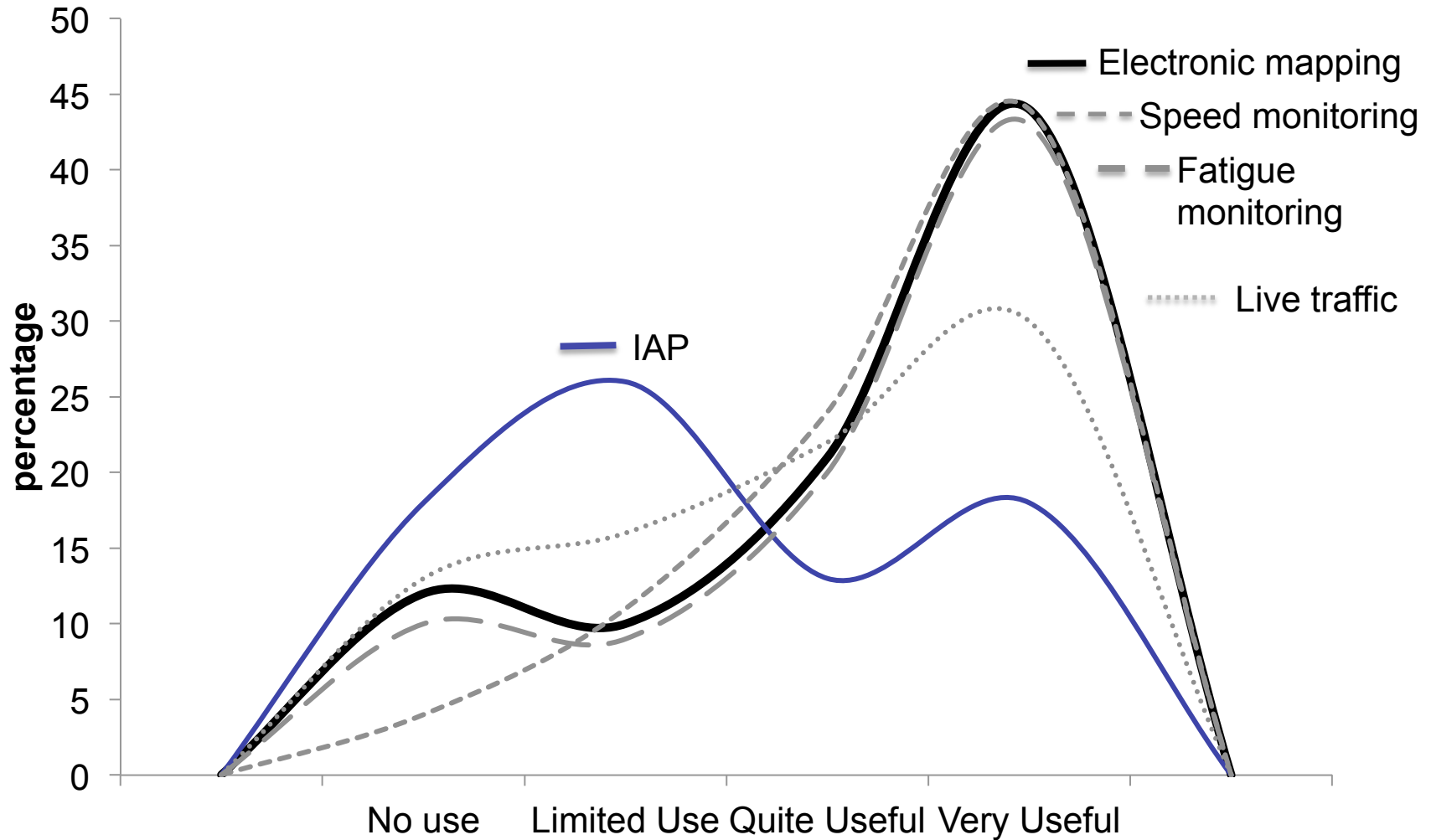
Soft infrastructure – technology in motion



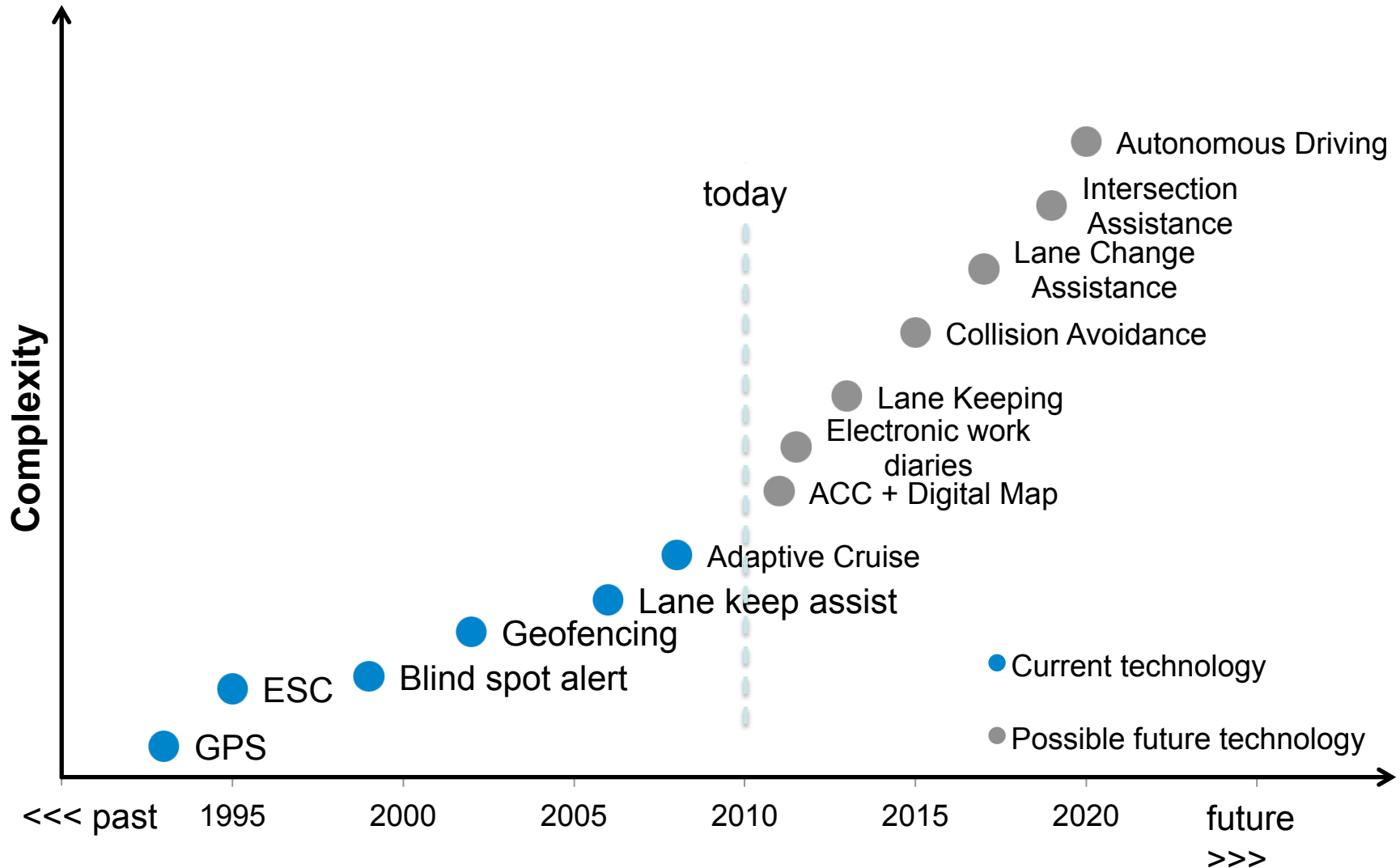
Soft infrastructure – the missing link



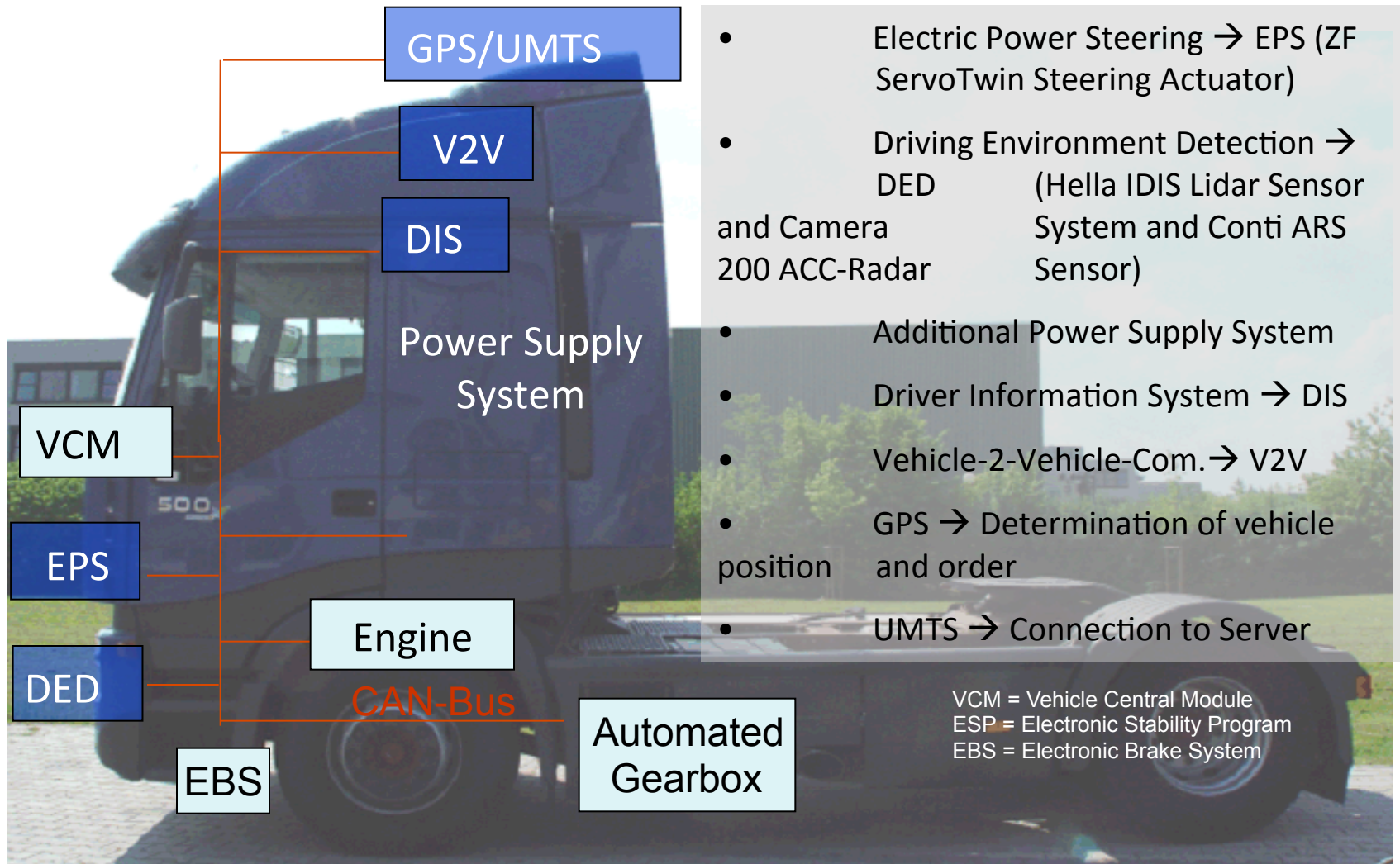
How useful are the following GPS technologies?



The path to autonomous driving



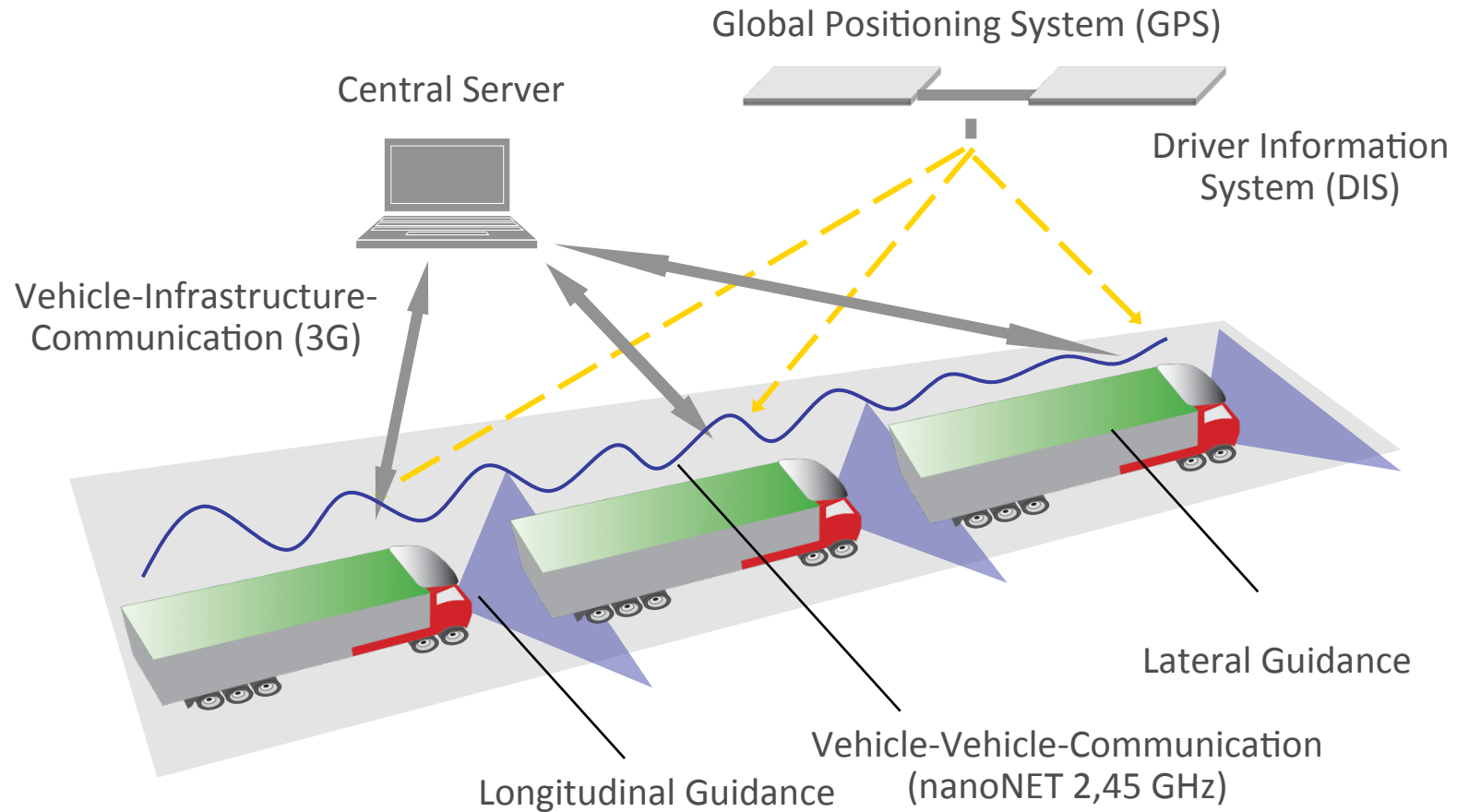
Platooning – technologies working together



- Electric Power Steering → EPS (ZF ServoTwin Steering Actuator)
- Driving Environment Detection → DED (Hella IDIS Lidar Sensor and Camera System and Conti ARS 200 ACC-Radar Sensor)
- Additional Power Supply System
- Driver Information System → DIS
- Vehicle-2-Vehicle-Com. → V2V
- GPS → Determination of vehicle position and order
- UMTS → Connection to Server

VCM = Vehicle Central Module
 ESP = Electronic Stability Program
 EBS = Electronic Brake System

Platooning – the path to autonomous vehicles



Research project: Konvoi

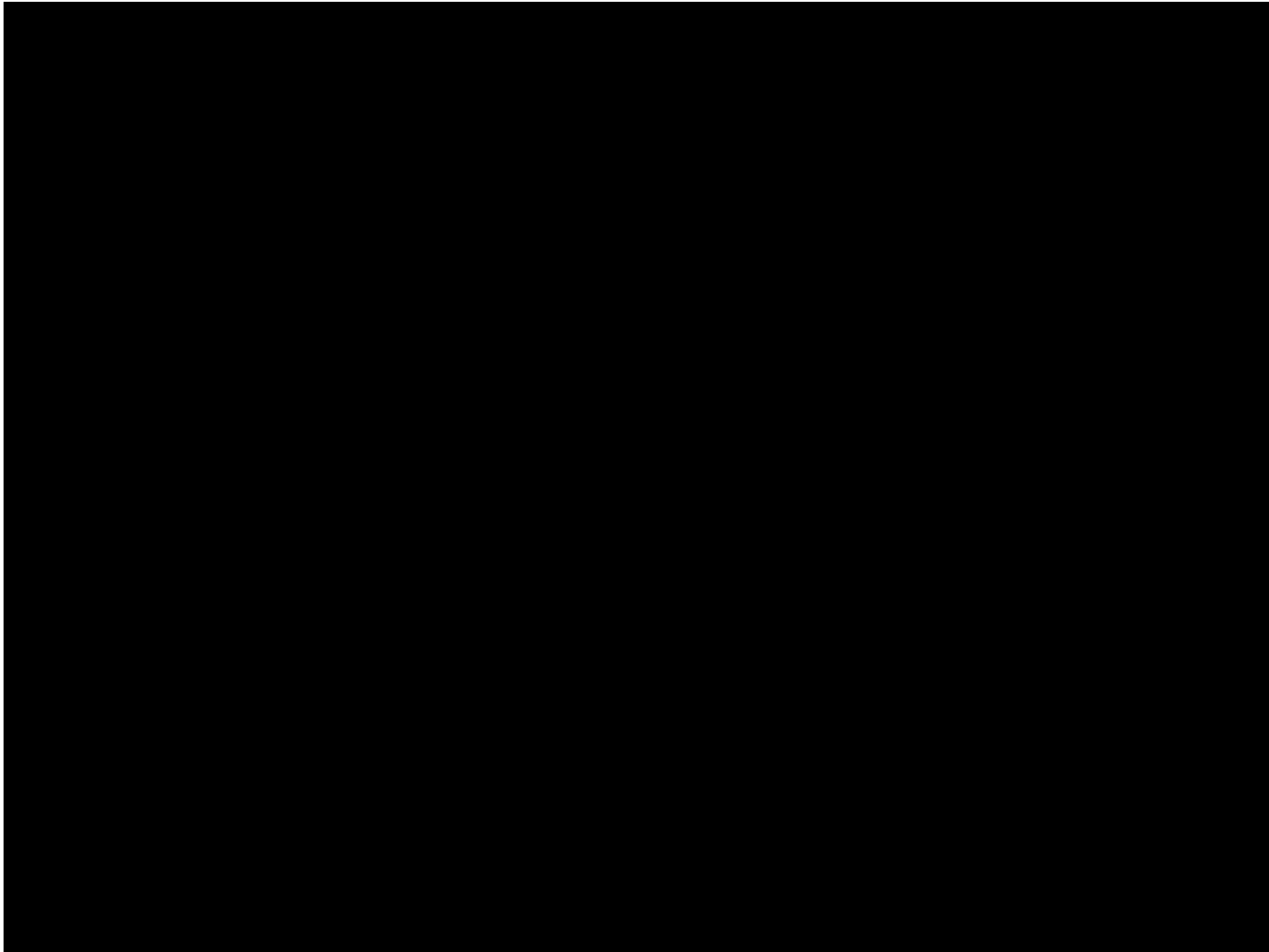


AACHEN University,
Germany

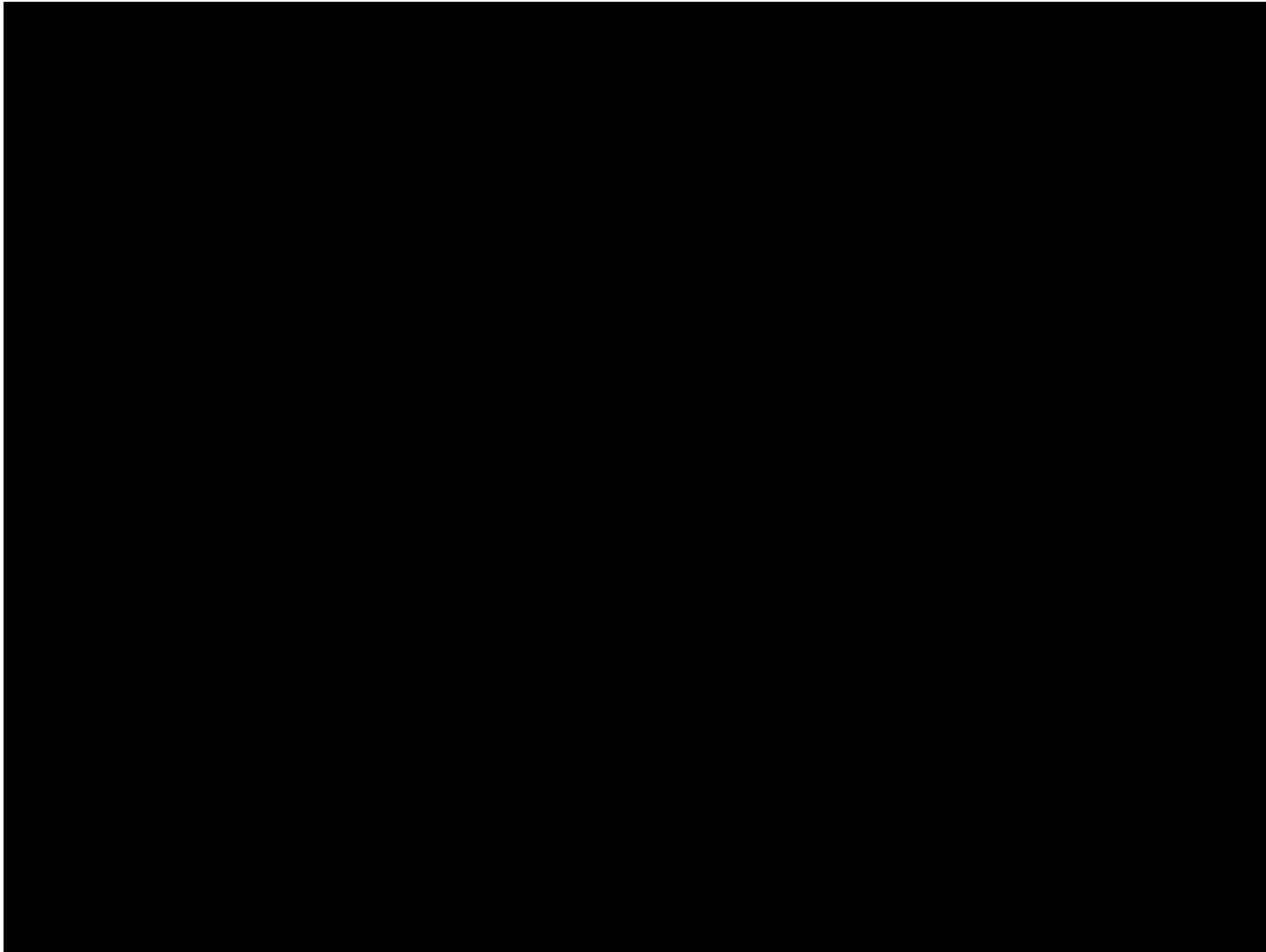
Consortium

Funding

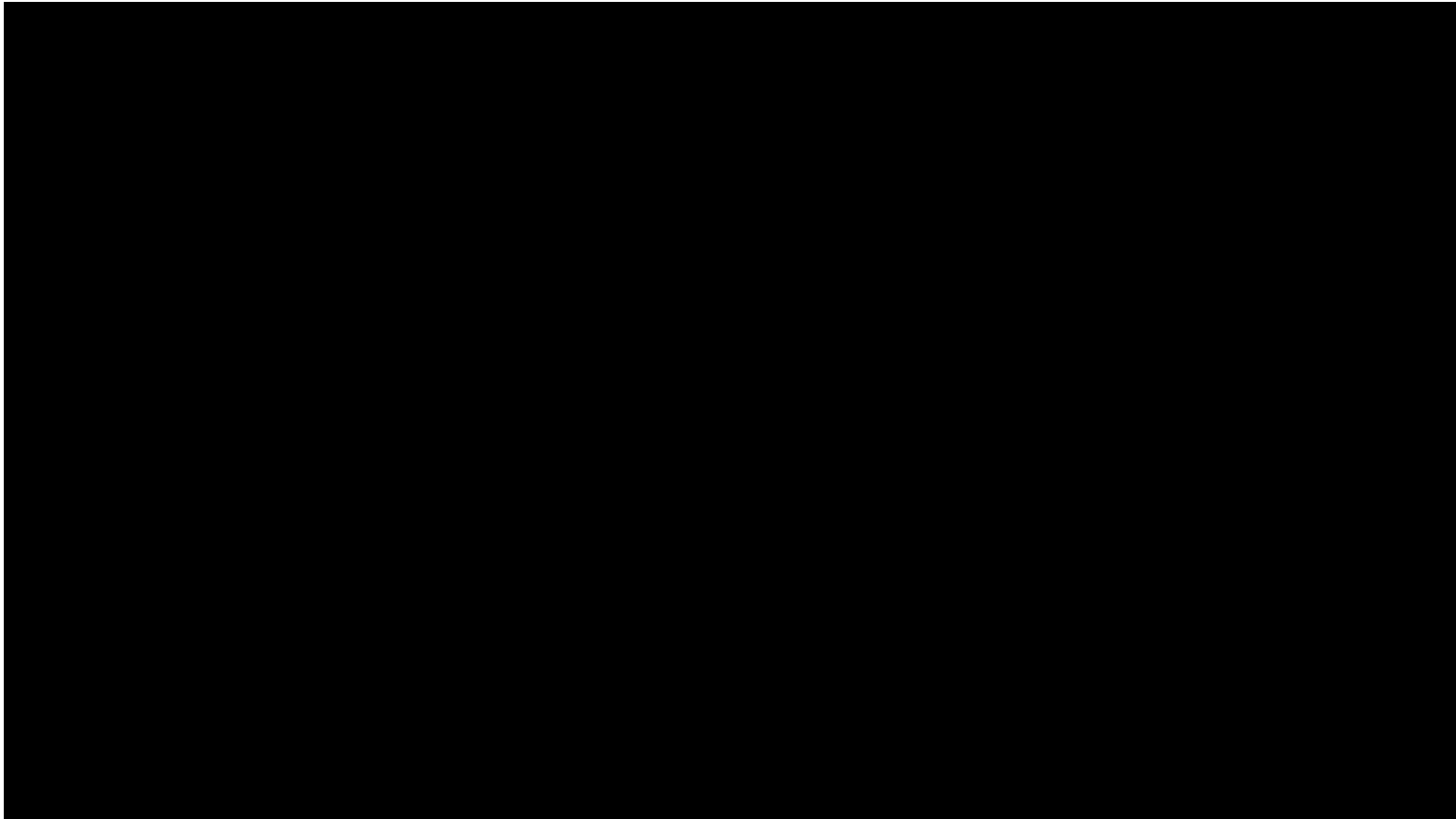
Platooning – the path to autonomous vehicles

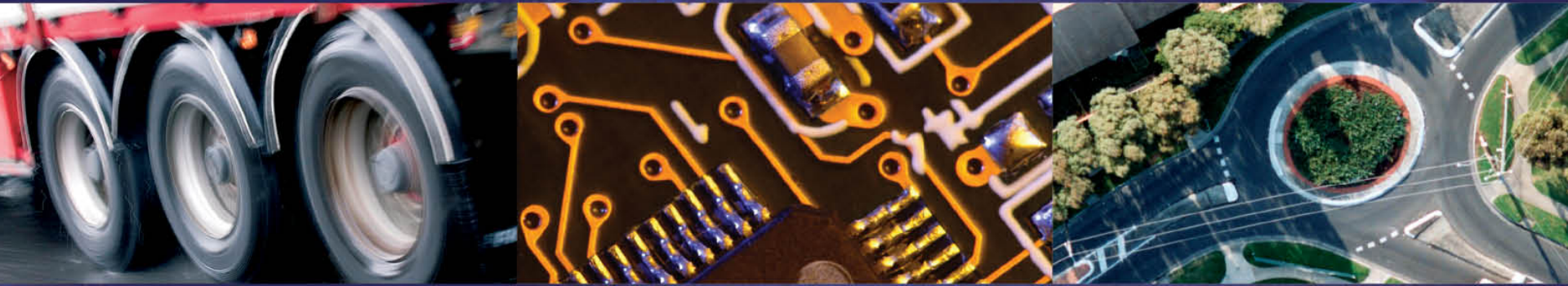


Platooning – the path to autonomous vehicles



Platooning – the path to autonomous vehicles





Thank you

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