



Leading UK
Logistics

FTA Fleet Engineer

Technological developments – coping with the future

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11th June 2019

Past, present and off to the future – where are heading?



In my Grandad's time



In my Dad's time



In my time



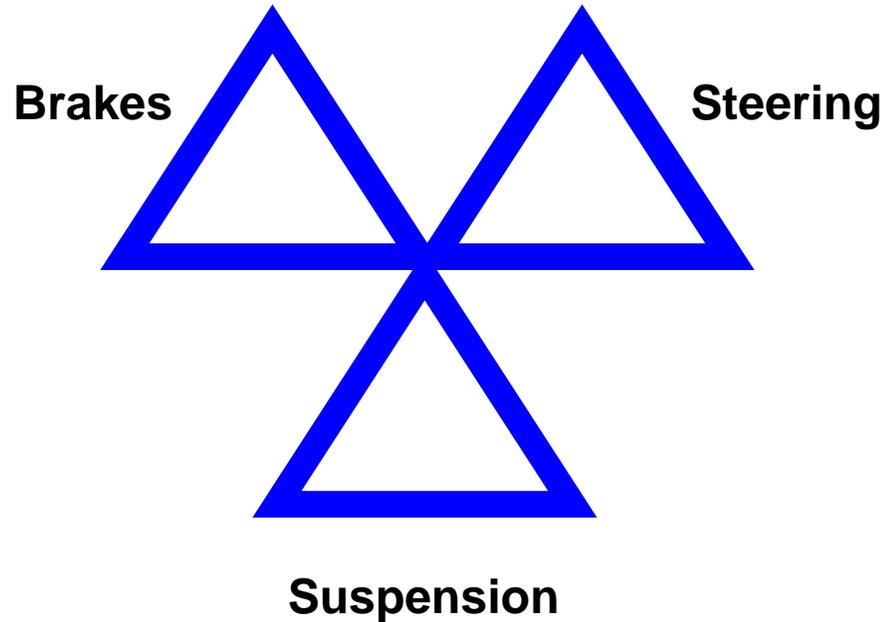
In my
children's time



The way we work now.....



Vehicle systems – oh how time moves on



- Antilock Braking Systems
- Electronic Stability Control
- Euro VI emissions
- Tyre Pressure/Temperature Monitoring
- Electronic Brake Performance Monitoring



**RENAULT
TRUCKS**

Advanced driver-assistance systems (ADAS)

- Emergency Brake Assist



AEB Catch-up test

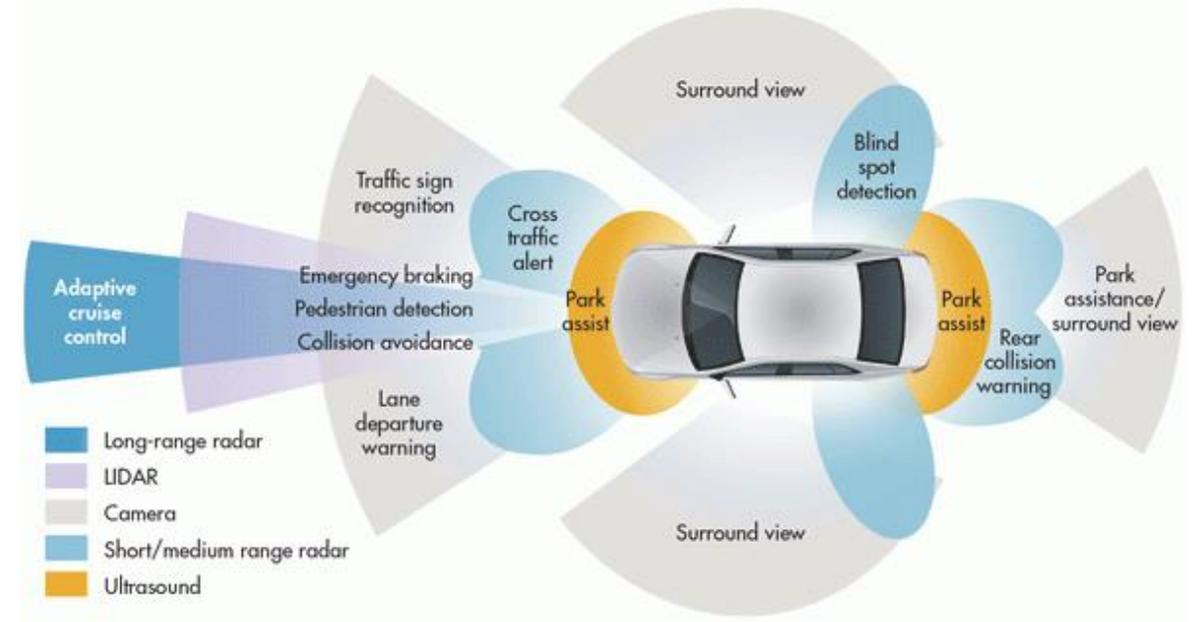
Advanced driver-assistance systems (ADAS)

- Emergency Brake Assist
- Adaptive Cruise Control
- Head-up displays
- Mirror replacements
- Blind spot detectors
- 360 degree cameras
- Lane departure warning



Advanced driver-assistance systems (ADAS)

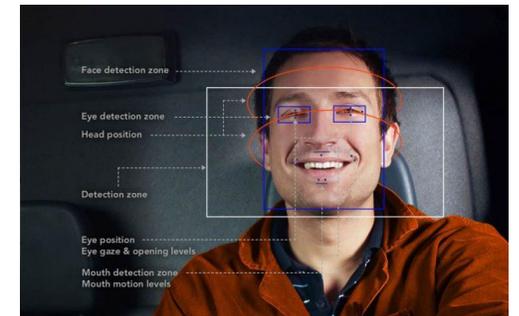
- Emergency Brake Assist
- Adaptive Cruise Control
- Head-up displays
- Mirror replacements
- Blind spot detectors
- 360 degree cameras
- Lane departure warning
- Intelligent headlamp control
- Radars and Lidars



Draft EU Proposals – Trucks & Trailers

2022/24

- Alcohol interlock installation facilitation
- Drowsiness and attention warning
- Emergency stop signal
- Intelligent speed assistance
- Reversing camera or detection system
- Tyre pressure monitoring system
- Vulnerable road user detection and warning on front and side of vehicle



2024/26

- Advanced Driver Distraction warning
- Event (accident) data recorder



Who knows what tomorrow will bring.....

