

# The Road to Autonomous Driving



## Description

Magna Electronics is actively developing products for an Autonomous Future. We will move from on-demand autonomy with driver supervision to completely autonomous systems.

Automated Driving requires complete system solutions which interact with every aspect of the car ecosystem from chassis and powertrain to interiors and instrumentation, as well as environmental sensing and communications.

## Features/Specifications

- Traffic Jam Assist
  - Actively stays between the lane markings and a safe distance from the preceding vehicle
  - Integrates with:
    - Red Light and Stop Sign Detection
    - Vehicle and Pedestrian Emergency Braking
    - Speed Limit Sign Recognition
- Automatic Lane Changing
  - Transitions from lane centering in current lane to lane centering in adjacent lane
  - Integrates with Blind Spot Detection or with driver supervision
- Route Decision Making
  - Identifies Motorway transitions, entrances and exits and chooses the correct route
  - Identifies surface street routes and transitions from one road to another by automatically negotiating intersections

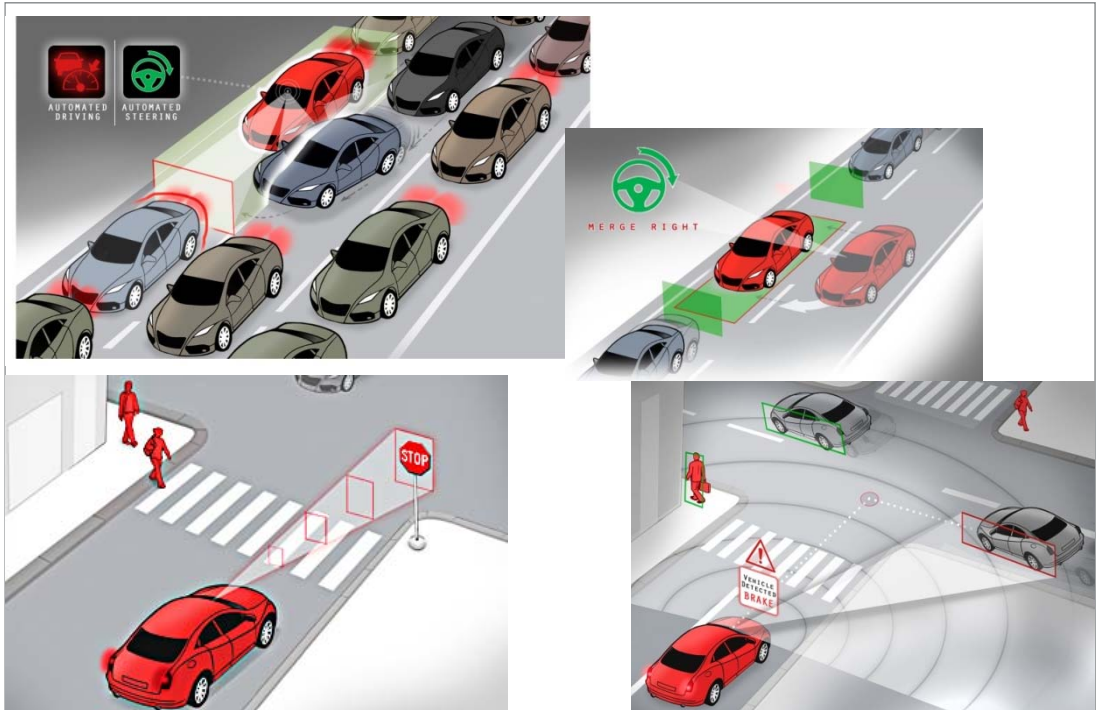
## Innovation Pillars



SAFER



SMARTER



## Contact Magna Electronics

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