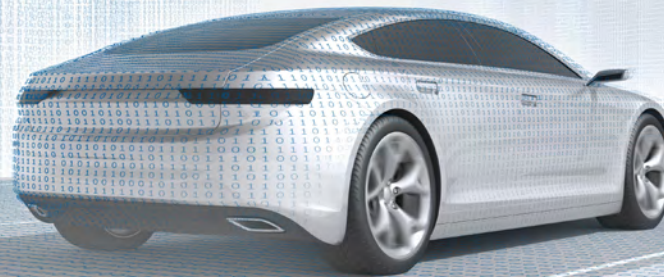


# Chipping in

Bosch puts the “smart” in smart automated cars



**BOSCH**  
Invented for life

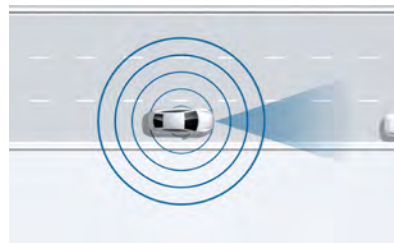


Automated mobility

Driving the way people do – only better



A wide variety of sensors deliver a detailed 3D image of the vehicle's entire surroundings through sensor data fusion.



Location down to mere centimeters via high-resolution digital maps and permanent updates through connectivity with the cloud.



A multi-layer security concept against hacker attacks and redundant systems against failures.

## Fewer accidents

**Automated vehicles never get tired and are better than people at detecting – and avoiding – critical situations.**

## More time

**With the car in automated operating mode, drivers can use their freed-up time to relax, work, take care of correspondence, or enjoy in-car entertainment.**

- ▶ The potential of automated mobility: fewer accidents, more free time, less energy consumption and improved traffic flows.
- ▶ Besides high-tech sensors, Bosch develops a sophisticated artificial intelligence for anticipation of traffic situations.
- ▶ Bosch provides a multi-layer security concept for safety-critical systems against potential hacker attacks.
- ▶ Safety-critical systems such as steering and braking are redundant and protect against failures.
- ▶ An attentive friend and companion: With HMI, the automated vehicle becomes a third living space that sees to all the driver's comforts.