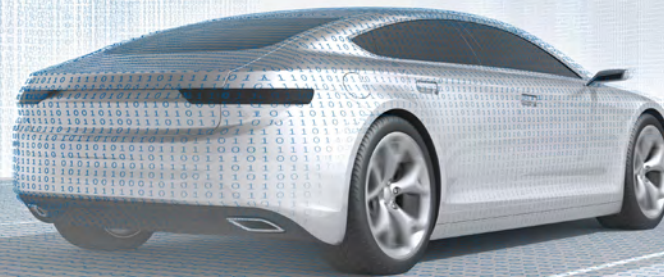


Chipping in

Bosch puts the “smart” in smart automated cars



BOSCH
Invented for life

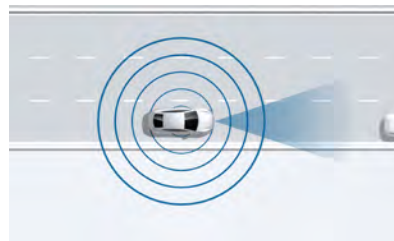


Automated mobility

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.

- ▶ From a single source: from sensors and localisation, AI-computers and safety systems to HMI, Bosch provides the entire portfolio for automated driving.
- ▶ The potential of automated mobility: fewer accidents, more free time, less energy consumption and improved traffic flows.
- ▶ Bosch develops a sophisticated artificial intelligence for anticipation of traffic situations.
- ▶ Multi-layer security concept: The individual ECUs, the internal network, electrics, and electronics, as well as the interfaces to the internet and the cloud have specific protective measures.
- ▶ 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: music that suits, all the information that is needed and climate controls.