Chipping in
Bosch puts the “smart” in smart automated cars

Driving the way people do – only better

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.

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.

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