THE CONNECTED CAR
How connectivity is revolutionizing the way we travel from A to B

Voice assistants are built into dashboards to keep you connected to your home and digital workspace.

Make payments for parking, battery charging and shopping using integrated near-field communication and mobile wallet apps.

In-car eSIMs and WiFi hotspots keep cars connected to 5G networks and the wider IoT ecosystem.

Communication improves navigation systems and broadcasts position and speed to other connected cars to avoid accidents.

Streaming and gaming services transform the car into an immersive entertainment space.

Real-time information on traffic and parking spaces, received by an in-car eSIM or WiFi hotspot, improves journey planning.

Detection systems alter lighting and temperature to improve driver alertness when sensors pick up signs of driver fatigue.

Public Key Infrastructure (PKI) uses encryption, authentication and identity checks to keep the data moving to and from your car secure.

Location-triggered marketing alerts you to local businesses of interest when you’re nearby.

Smartphone integration brings Apple and Android operating systems, and their entertainment functions, onto your dashboard over the internet.

Lasers and sensors detect obstacles humans might not see – the car analyzes this data and takes action to avoid a collision.

Battery life is optimized by smart sensors that detect when charge is low and alerts the driver when service is needed.

Personal data is protected with security by design, over-the-air software updates and privacy regulations.