

Mobility Teammate Concept

For Toyota's Automated Driving

Purpose of Automated Driving

To realise a society where everyone can move around safely, smoothly and freely through Automated Driving Technology. "Safety" is a key priority.



Freedom of Mobility



SAFETY

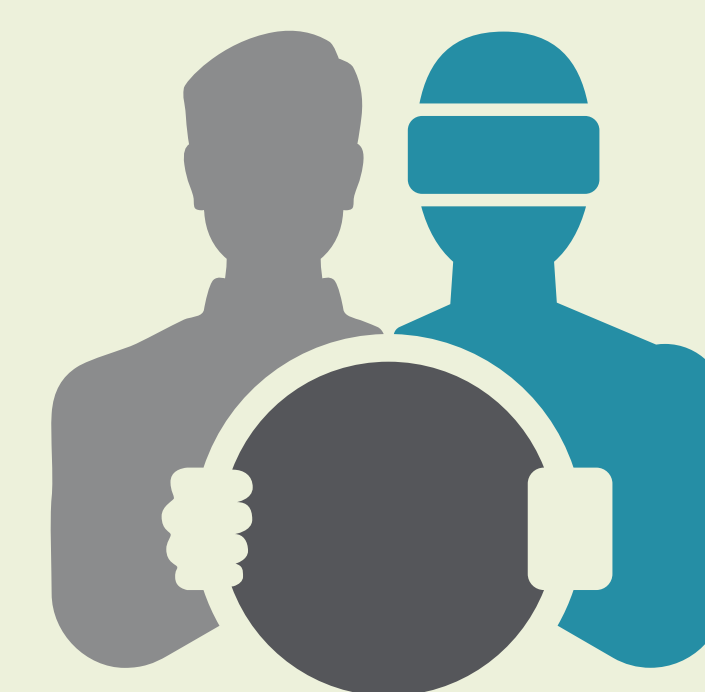


Efficiency

Toyota's Concept for Automated Driving Technology

Vehicles adapt to driving capabilities. Sensors and drivers watch over each other, and help each other when required.

Our aim is to build a close driver and vehicle team.



MOBILITY TEAMMATE CONCEPT
Automated Driving Tech.

When a driver wants to drive, they can enjoy driving. If a driver does not want to, or can not drive, they can let the car drive with peace of mind.

Key Technology for Mobility Teammate Concept

Interactive Intelligence

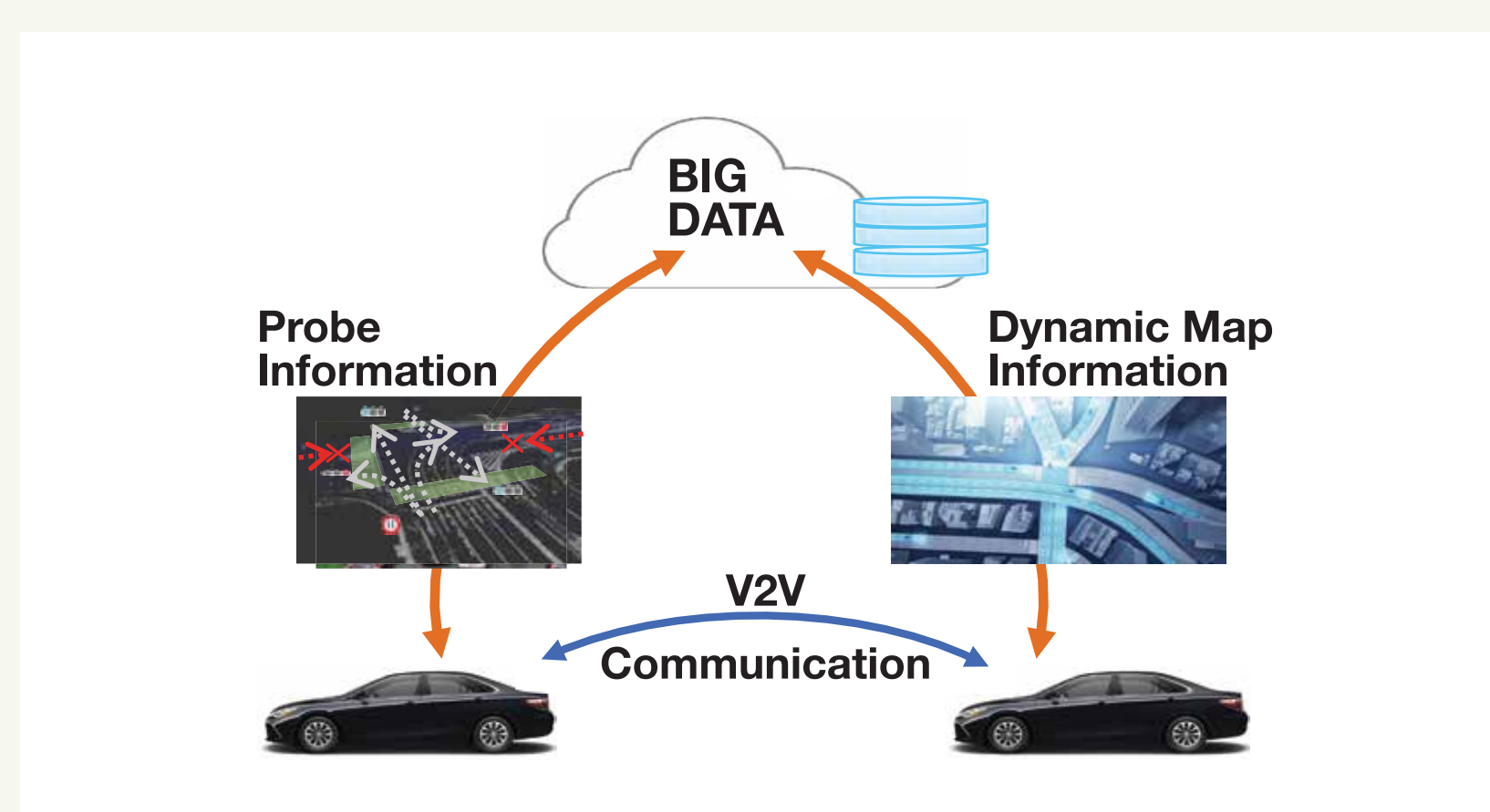
Comprehensive traffic recognition with highly accurate sensor system. Artificial Intelligence (AI) finds and follows a safe path forward.



Compilation of sensor data, map data and camera

Connected Intelligence

- Communication to send and receive traffic related information
- Driving supported by predictive information



Interactive Intelligence

- AI based adaptation to individuals and different traffic scenarios
- Optimal mode selection between "Chauffeur Mode" and "Guardian Mode" depending on the situation.



"Chauffeur Mode"
Car drives for you

AI

"Guardian Mode"
Car supports you

