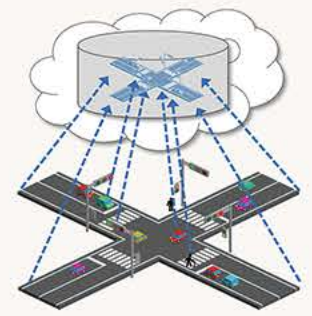


Overview of Mobility AI Platform

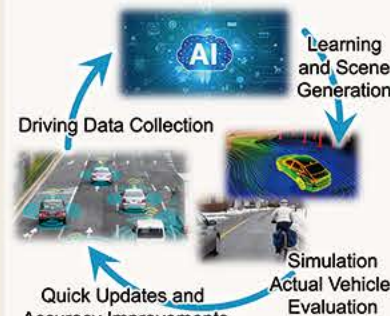
AI Platform

Three-Pronged Approach toward Zero Accidents



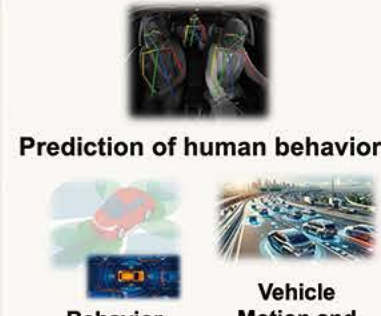
Digital Twin

Data-Driven Automated Driving



Data-driven Development

People-Oriented AI Agents



Behavior prediction in the surrounding area
Vehicle Motion and Integrated Control

Energy-Saving and Efficient Logistics



Logistics optimization

Energy Management

Intelligent Communications Infrastructure

Radio Environment

Radio wave conditions along the route

Surrounding Environment

Factors that affect communication

Local Information

Places where you can charge and connect

Occupant Status

Number of passengers, commuting/leisure, Hobbies and preferences, smartphone information, etc.

Vehicle Condition

Equipment features, communication methods, Destination and routes, Battery/gasoline remaining amount, etc.

Optimal Communications Decisions made by AI in Real Time

Broadband



Switching between multiple telecommunications providers to select the optimal line.

Narrowband



For transmitting and receiving large amounts of data, utilize Wi-Fi or local 5G at charging stations, commercial facilities, and at home.

P2P



Share OTA update data and content such as videos between cars.

Various physical communication technologies

Distributed Computing Infrastructure

Private Cloud



On-Premises



Private Cloud

Public Cloud



- Adopt a good balance of on-premise and cloud computing.
- Build computing infrastructure that is predicated on local production & consumption and aligned with the available supply of green power.

* IOWN (Innovative Optical and Wireless Network)

Super high-capacity, ultra-low latency, and ultra-low power consumption infrastructure promoted by the IOWN Global Forum.