TransAID + ITS Japan / UTmobl seminar + expert meeting

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ITS Japan

Roles

- Promoting ITS R&D and deployment
- ITS World Congress Asia-Pacific area contact
- Asia-Pacific ITS Forum Secretariat
- Liaison among ITS-related public and private organizations and academia
- Supporting ITS-related standardization activities









International Cooperation













Organization





Operational Design Domain (ODD) management for automated driving

- Service Approval based on the Service and ODD
 - New approach for Level 4 mobility services





Public-Private ITS Initiative/Roadmaps 2019

IT Strategic Headquarters Japan



Different Path for Privately-owned Vehicles and Logistics/Mobility Services





Level 4 Mobility Service



Provide service to meet local needs

- Service Description, ODD
 - \checkmark Vehicle, Route





Vehicles run in Service Area







Vehicles travel safely all the way at Level 4 specified by Operation Plan







Scenes where difficult to continue driving tasks exist based on the Service > Route, Weather, Other road users, Technology limit, system capability



V2X for Mobility Services

- I2V-based traffic management measures for cooperative automated vehicles
- V2X communications and protocol solutions for cooperative automated driving

Potential risks at Right turn



V2X Technologies have potentials to support on board sensors







V2X Communication at Intersection





V2X Communication for Vulnerable road users











Measures for the scene Scenes where difficult to continue driving tasks



END