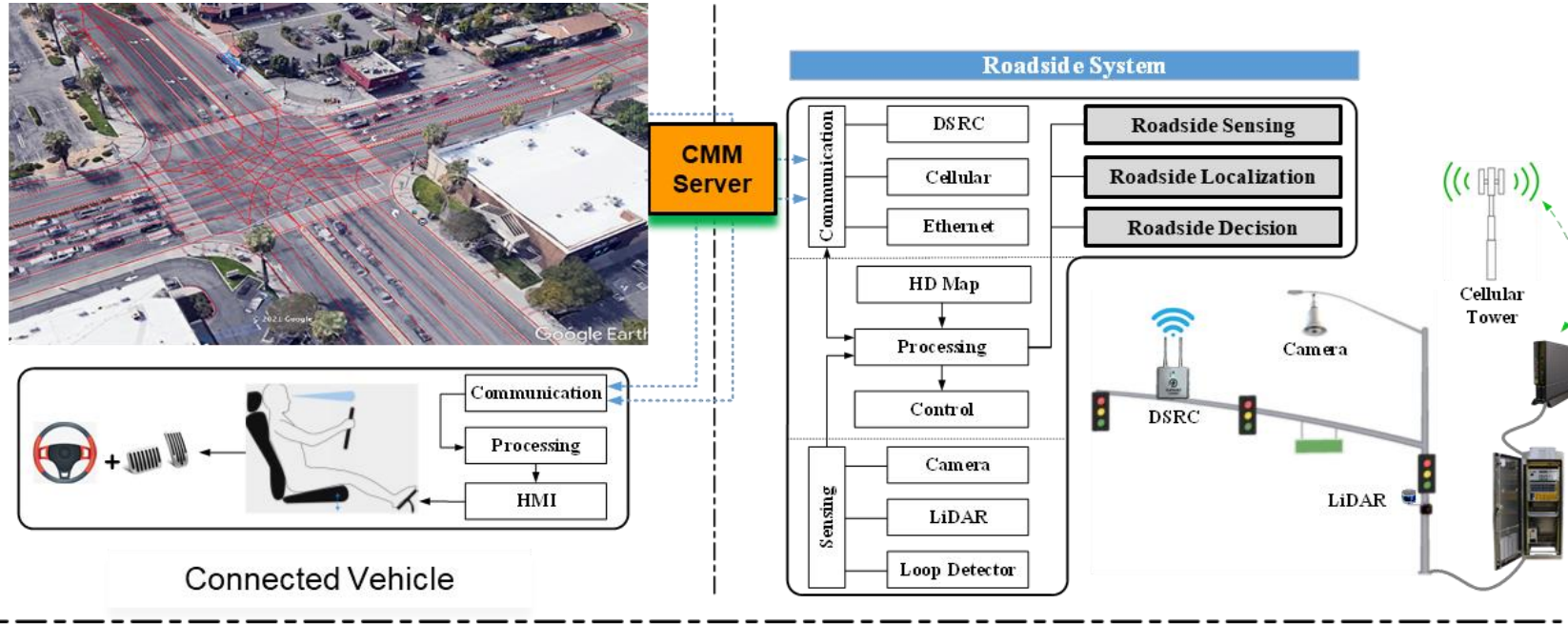
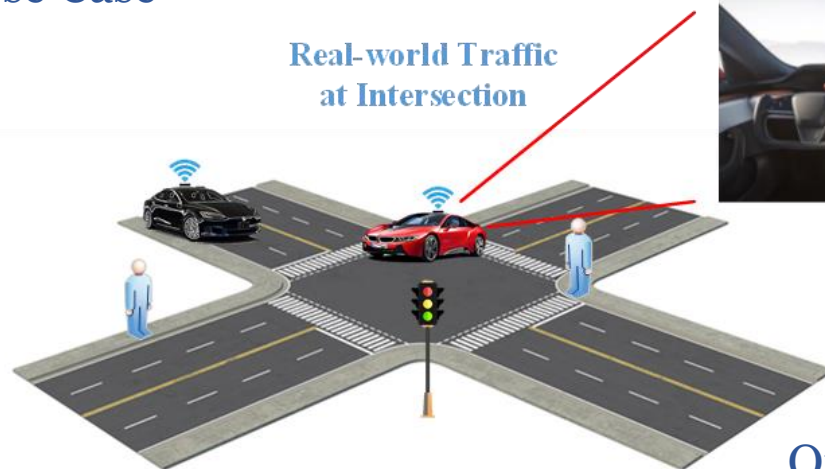


An IEA Concept – Cyber Mobility Mirror



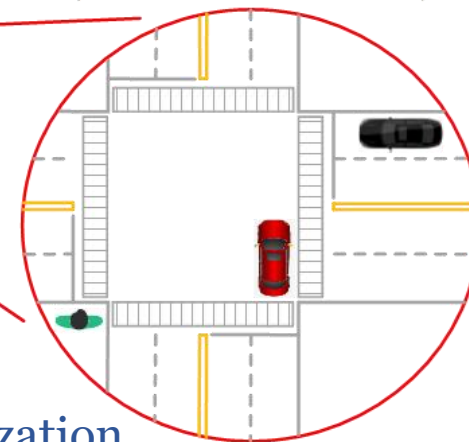
Use Case



In-cabin View (Host Vehicle)



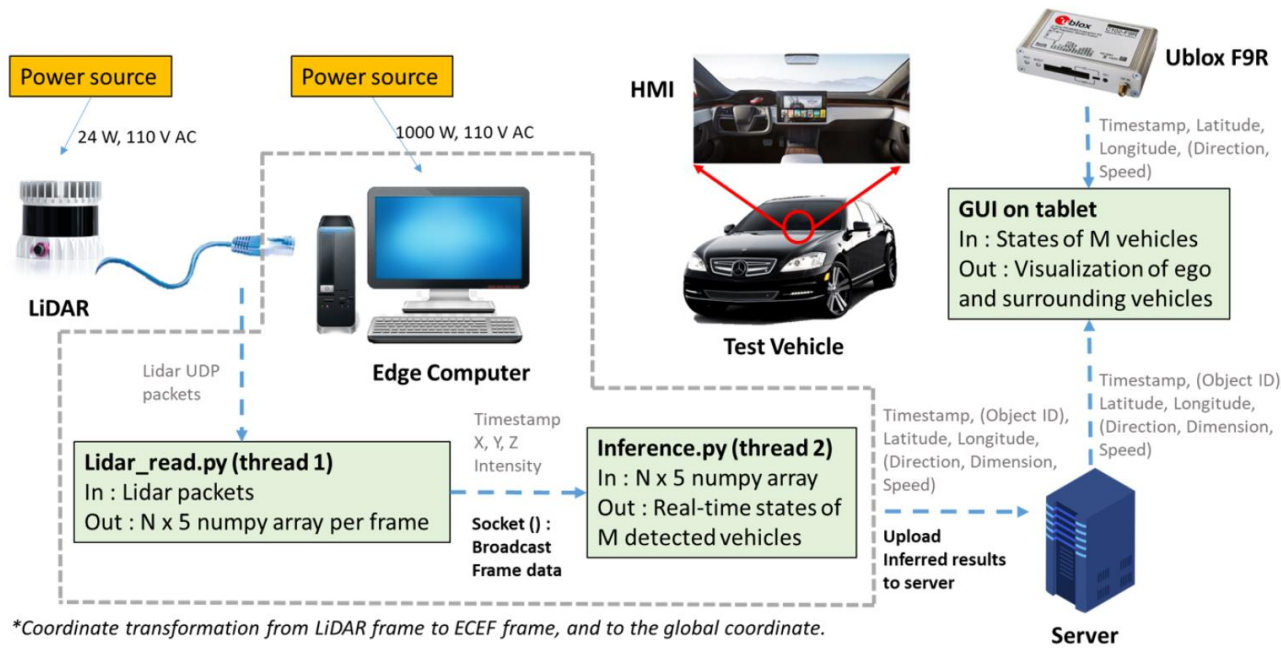
Cyber Mobility Mirror (from Host Vehicle HMI)



On-board Visualization

Z. Bai, G. Wu, et al.
IEEE ITSM, 2022

A Real-world System for object-level **Detection**, **Segmentation**, **Classification**, **Tracking**, **Prediction**, and **Reconstruction**.



System architecture for CMM FOS



System architecture for CMM FOS

Field Test Video, Available in Youtube: <https://www.youtube.com/watch?v=0egpmgkzyG0>

Z. Bai, G. Wu, et al. IEEE T-ITS, 2023a (in press)

From CMM To MEC-based Cooperative Perception

