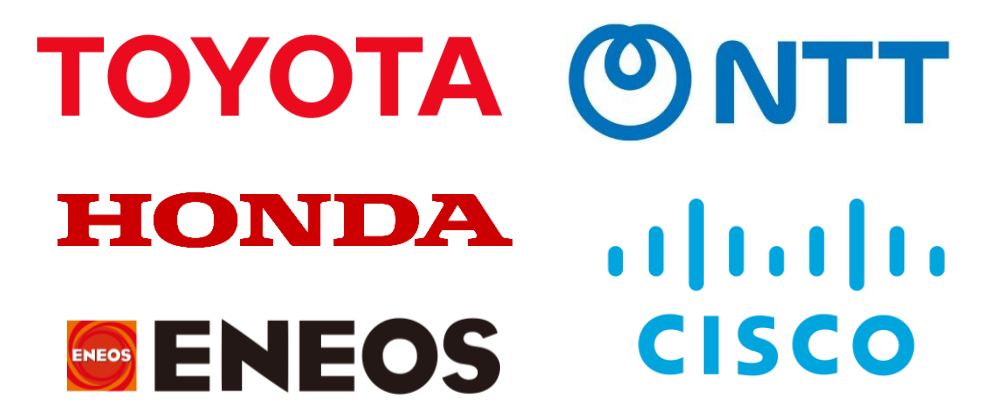


Data First Initiative: End-to-End Data Handling and Management for Data-Driven Service Development

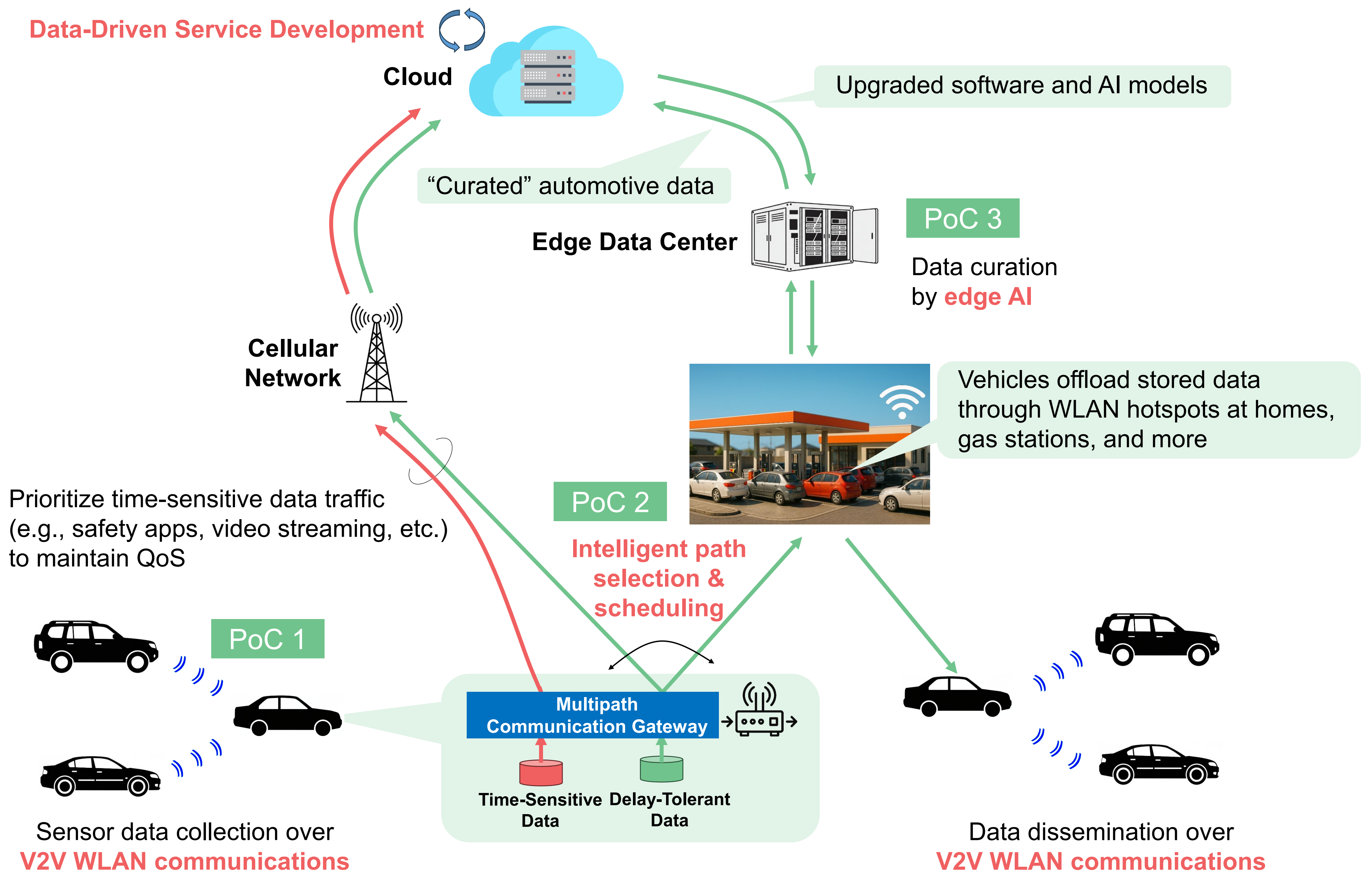


Toyota, NTT, Honda, Cisco, ENEOS

Goal

Establish a scalable end-to-end pipeline for handling and managing high-volume automotive data, leveraging **heterogeneous vehicular communications and distributed computing**.

“Data First” Architecture



PoC Trials

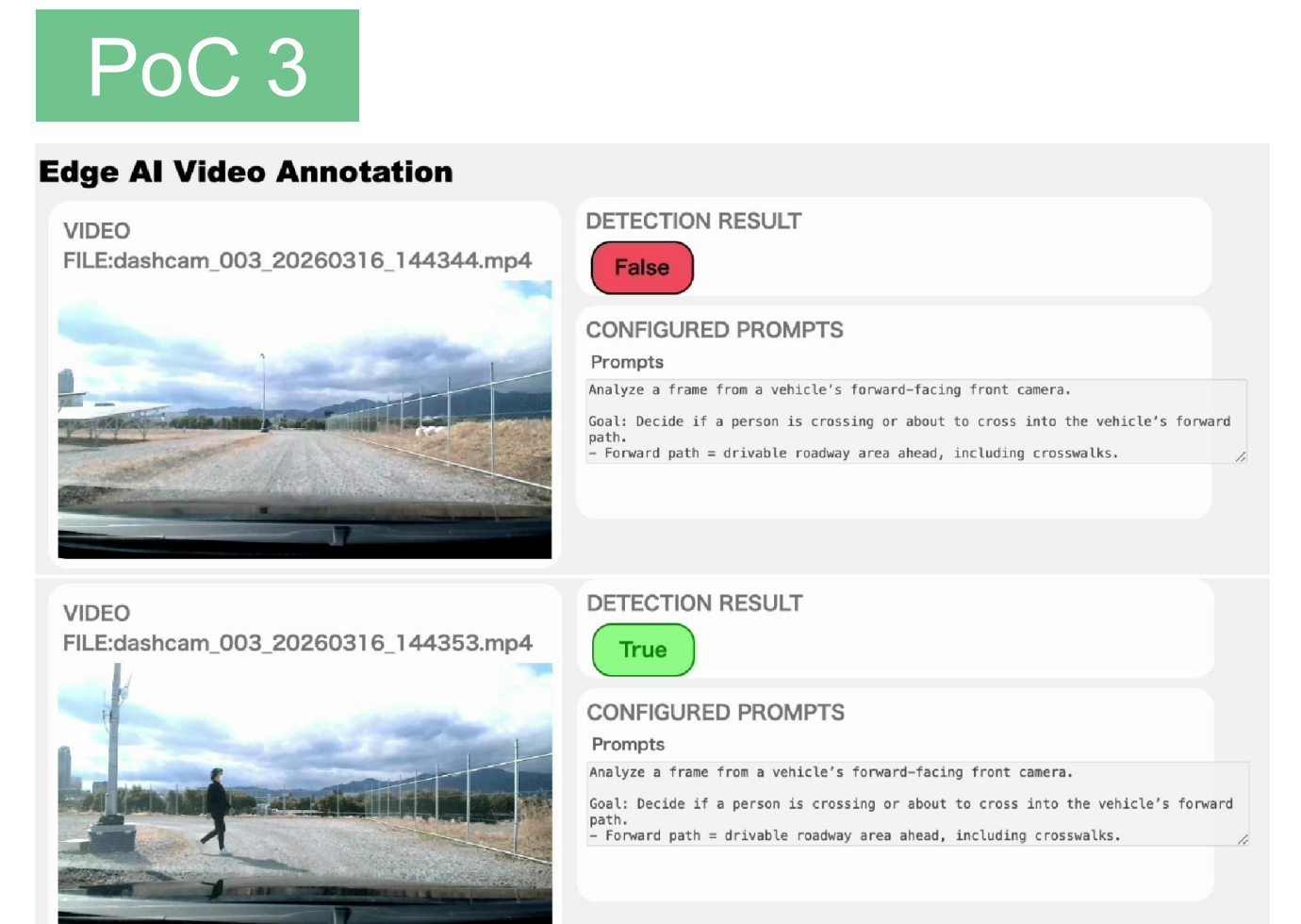
Feasibility was validated through joint PoC trials at ENEOS Mirai Connect in Shimizu, Japan



V2V data transfer over Wi-Fi



Intelligent multipath communications integrating cellular and Wi-Fi



AI-based data curation at edge data center