Virtual Env

Physical Env

Simulated BG traffic flow

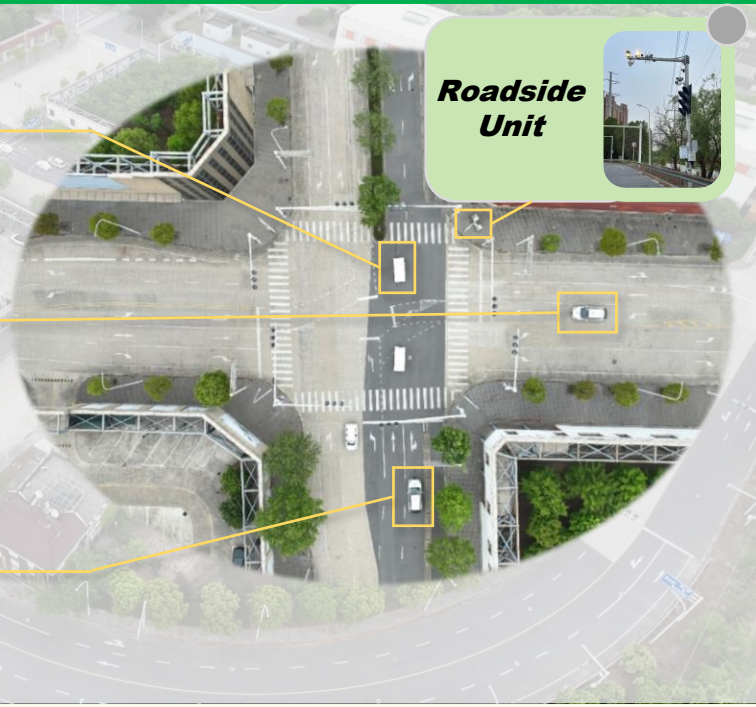
Virtual CAV

Remote driving HV

Cloud-controlled car

Real CAV

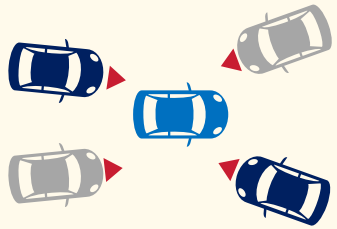
Human-driven Vehicle



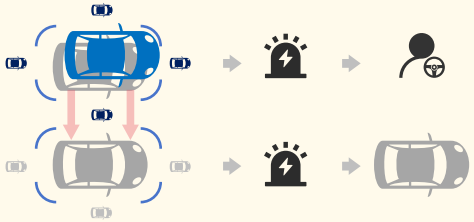
Roadside Unit

Single-vehicle Virtual-physical Fusion Testing

Adversarial Testing



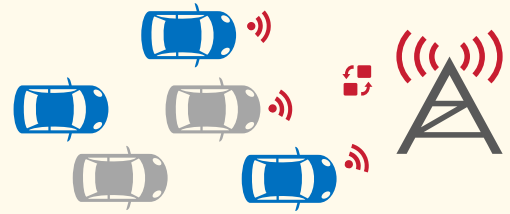
Parallel Deduction Testing



Multi-vehicle Virtual-physical Fusion Testing

Vehicle-vehicle Cooperation Testing

Vehicle-infrastructure Cooperation Testing



Test Ability