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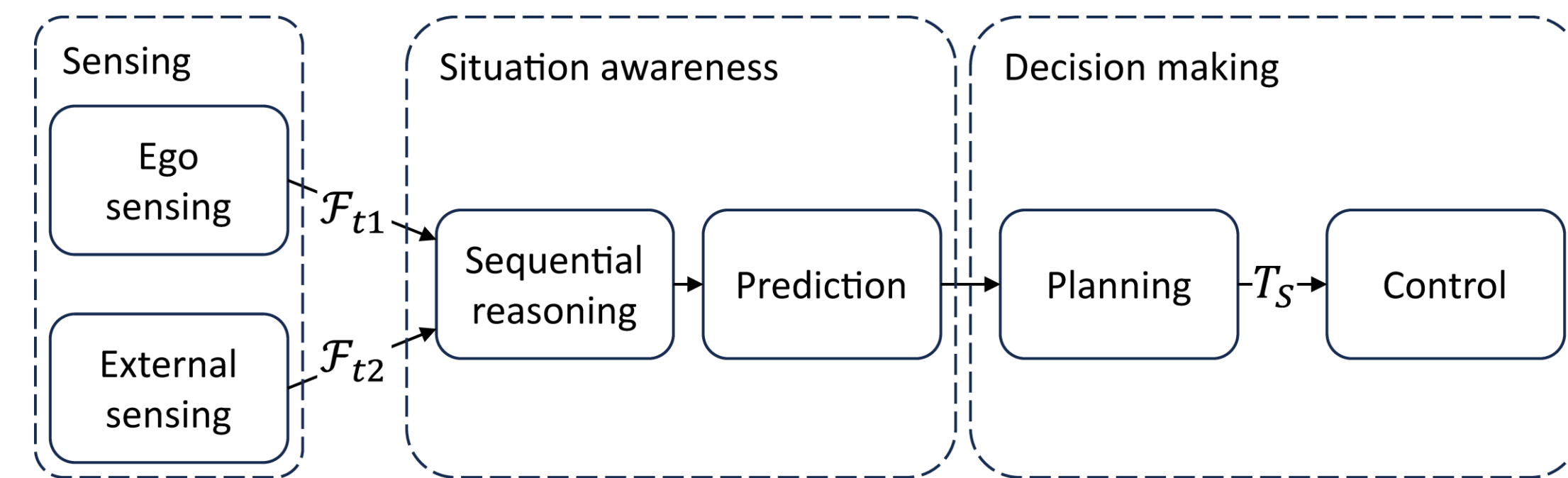
## Sequential Reasoning about Occlusions Using V2X Technology

**Goal:** Use V2X to improve trajectory planning in occluded areas.

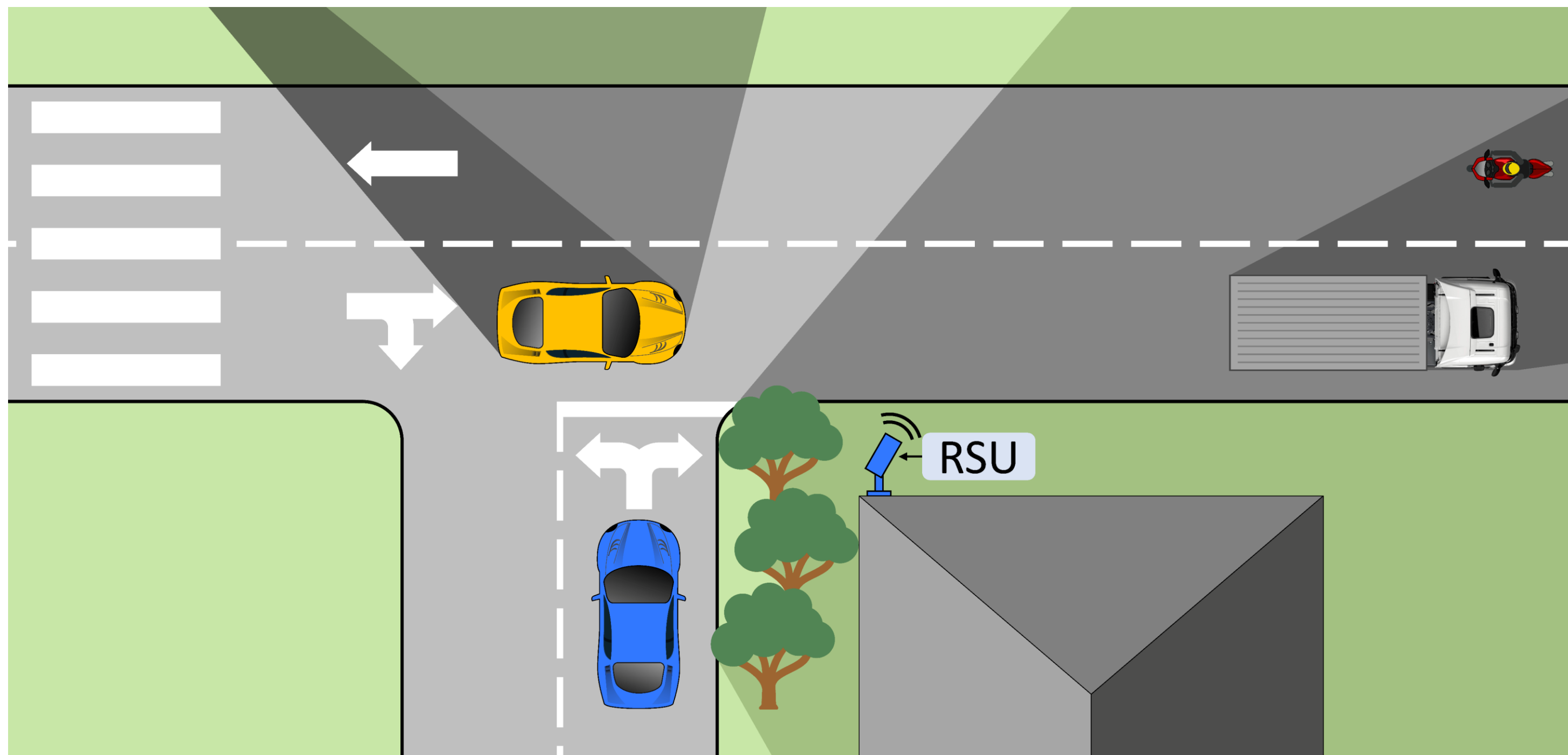
**Challenges:** Delayed and incomplete data, persistent occlusions.

**Approach:** Fuse V2X data, apply reachability to ensure collision-free paths.

**Results:** Simulations and real tests show safer, less conservative driving.



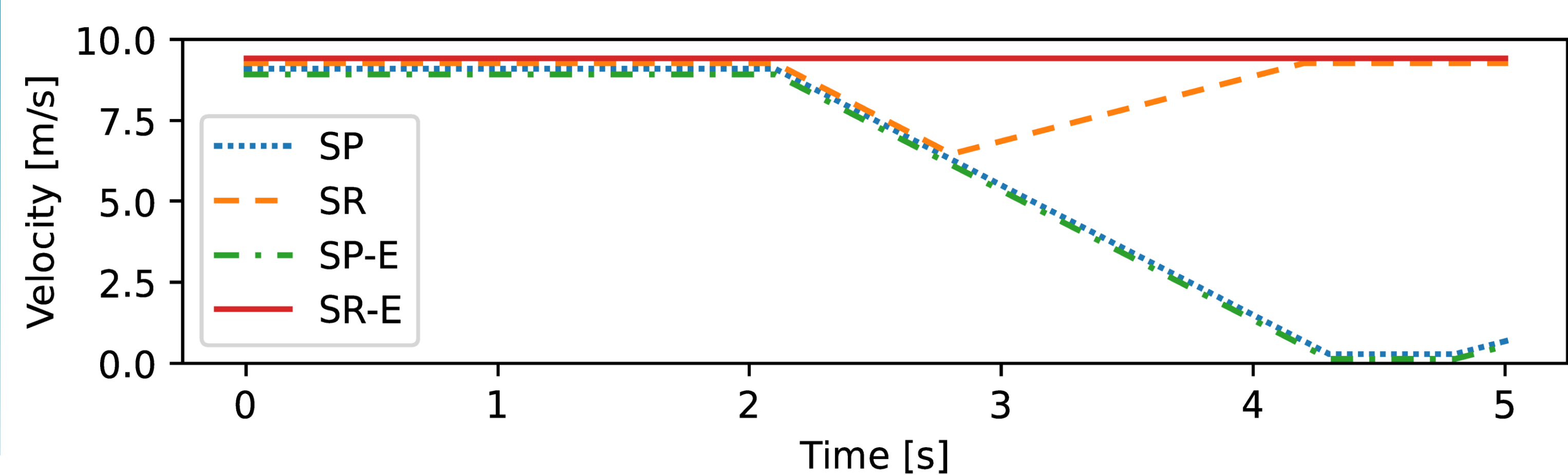
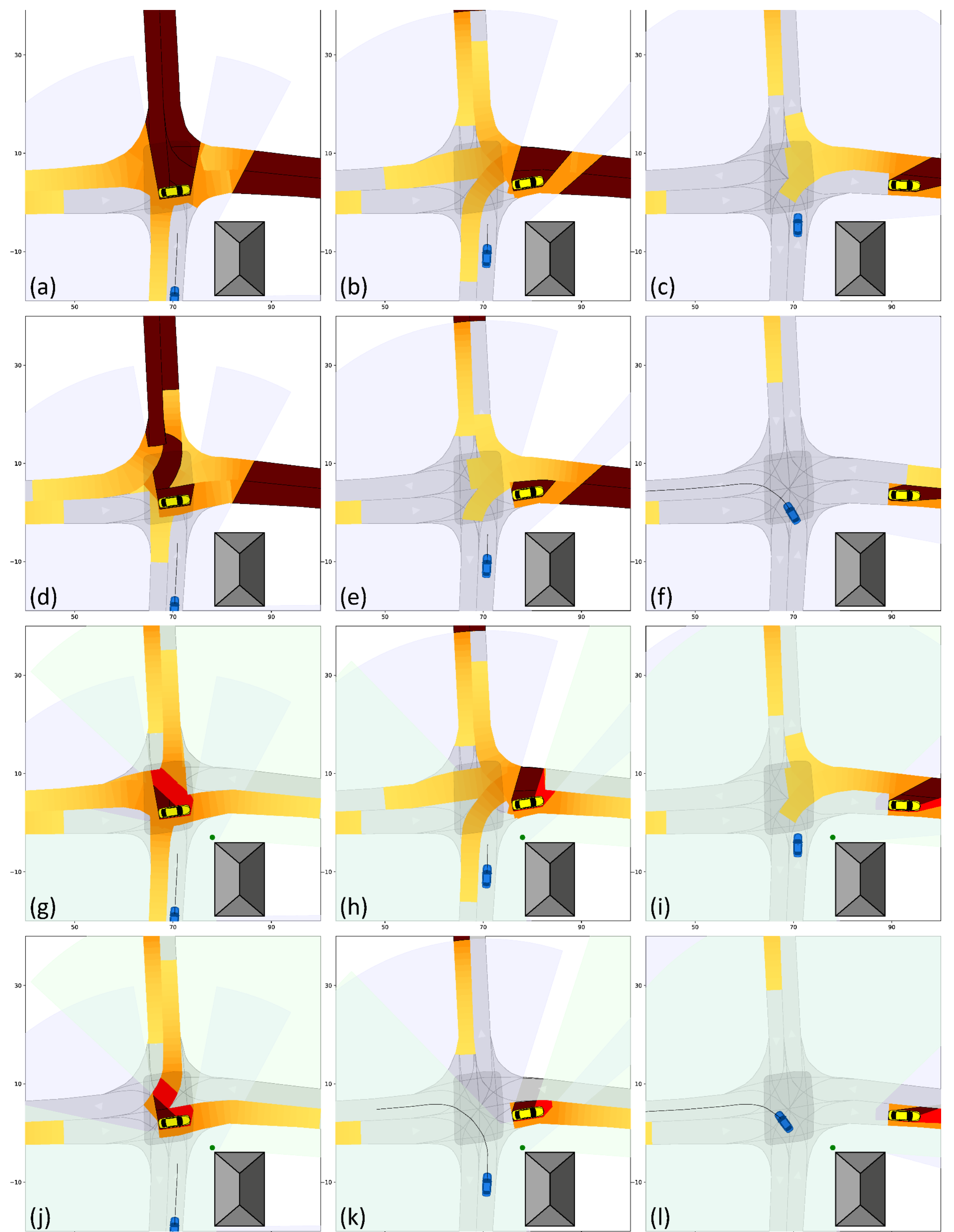
### Free Space Sharing Using V2X



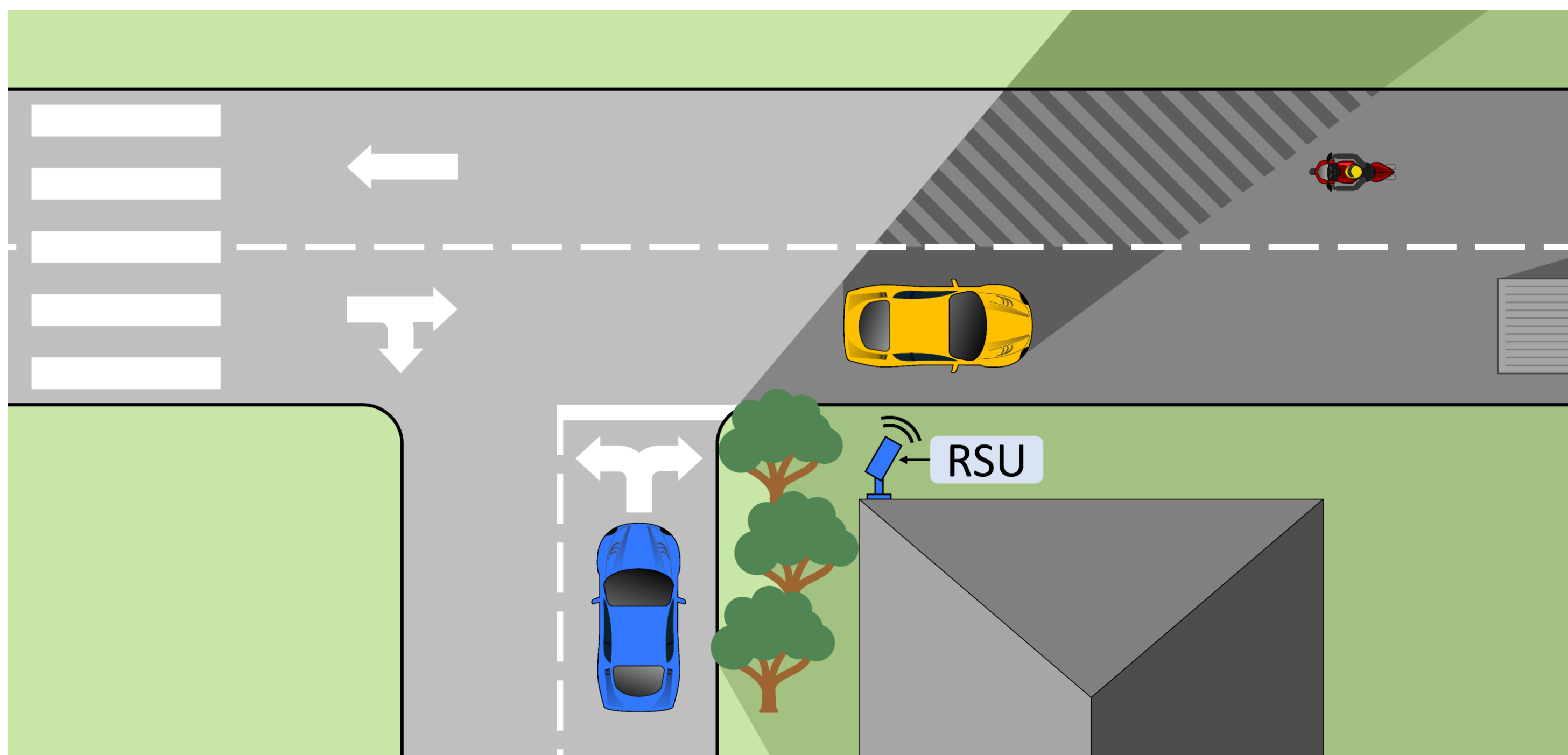
### Vehicle Tests at Scania



### Simulations in CommonRoad



### Sequential Reasoning about Occlusions



### Delay Compensation with Reachability

