

White Paper 5G and Automotive

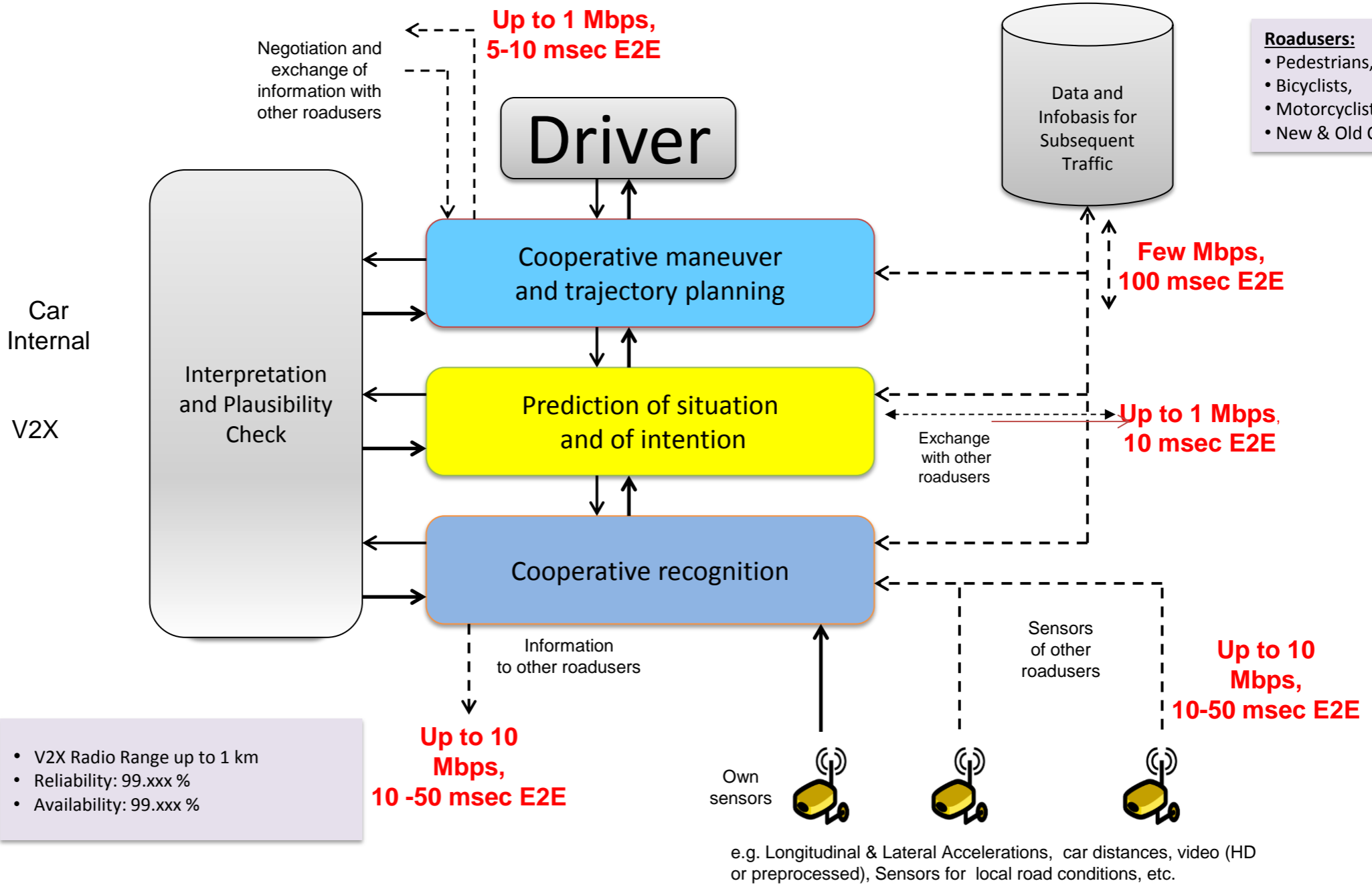


- Automotive use cases
 - Automated driving
 - Overtaking, cooperative collision avoidance, high density platooning
 - Road safety and traffic efficiency services
 - See-through, Vulnerable Road User (VRU) Discovery, Bird's Eye View
 - Digitalization of transport and logistics
 - Remote sensing and control, Remote processing for vehicles
 - Information society on the road
 - Nomadic nodes
- Areas for research and innovation are mainly on reliable communication in conjunction with low latency and security, but also on the business models.
- Contributing affiliates: VW, Volvo, PSA, Bosch, Orange, Vodafone, DoCoMo, Samsung, Qualcomm, Nokia, Ericsson, Alcatel-Lucent, Huawei, CTTC, Kings College London, Univ. of Athens, Tu Dresden, ERTICO, InterDigital

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5G Infrastructure PPP
The European path towards global next generation communication networks



- V2X Radio Range up to 1 km
- Reliability: 99.xxx %
- Availability: 99.xxx %

