

Washington State Autonomous Vehicle Work Group Subcommittee Discussion Form

Subcommittee		System Technology and Data Security
Date of Meeting		May 21, 2020
) NOTEWORTHY TOPICS OF DISC	CUSSION, SUMMARY OF DISCUSSION, AND OUTCOME OF
•	Review of Current Technologies - How connected vehicle (CV) technology is/can be	
•	 applied to autonomous vehicles (AV) and the work force Today vehicles are communicating in the 5.9 GHz safety band when talking to roadside units with dedicated short-range communications (DSRC) Connecting to vehicles and infrastructure provides benefits – Safety, congestion reduction, ability to minimize things like left hand turn crashes at intersections, etc. 5.9GHz is an important band, it is unique – Dedicated for ITS, albeit FCC might make changes to the band and availability to different technologies V2X (cellular vehicle-to-everything) may be appearing in the upper portion of the 5.9GHz band 	
•	ownership of the network and network is shifting • Examp anythir	Ownership- It is not a given that the public sector retains d data – how vehicles are actually connecting to and using the ole: "OLLI", a low-speed AV shuttle, is not connected to ng Uses cameras, sensors, etc. to operate Public sector may not be able to access or get data from a vehicle like this
•	Confidentiality, integrity, and Enclave secur each enclave Examp	e security leverages the concept of the CIA triad –
•	Security and Standards -	
•	 Involves IT infrastruct Need to agree on con 	ks – Need to understand assets, vulnerabilities, threats ture, field operational technology infrastructure, third parties nmon standards; looking to feds for guidance
•	• •	nent policies and procedures, without recreating the wheel nd conduct a self-assessment

- o Operate
- Optimize



WASHINGTON STATE AUTONOMOUS VEHICLE WORK GROUP

2) NEXT STEPS AND PLANS FOR SUBCOMMITTEE

Continue meeting to discuss recommendations for cybersecurity considerations based on subject matter expertise provided. Identify near-term steps to address exiting gaps for transportation systems and services regarding cybersecurity. Next meeting to be determined.