Maryland Connected & Automated Vehicles Working Group

Introduction to Connected Vehicle Technology Processes - Framework, Standards, Certification and Procurement

Thursday, August 7, 2025
TIME: 1 pm – 5 pm
Final Draft Agenda

In Person: Glass Pavilion at Levering Hall (3400 N. Charles Street, Baltimore, MD, 21218)

PDH's: PDHs for workshop participation will be available through CAPSITE . If you expressed an interest in receiving PDHs during the workshop registration process, you will receive an e-mail from CAPSITE, with directions for claiming your PDHs. Please remember to check in upon arrival so we have a record of your attendance!

Parking: Parking is available at the Johns Hopkins University, Homewood Campus, South Garage (3101 Wyman Park Drive, Baltimore, MD 21218), while on Wyman Park Drive continue past Mason Hall and turn right into Bowman Drive, the garage entrance will be directly ahead[1]. There is limited parking along a shorter accessible route, please e-mail CAVMaryland@mdot.state.md.us for those directions.

Please note there is a parking fee. Please visit the JHU website for visitor information to estimate costs. https://jhfre.jhu.edu/ts/parking/parking-options/#Visitors

Time	Session Description
1:00 PM – 1:25 PM	***Welcome*** ***MD CAV – Chrissy Nizer, MDOT MVA Administrator, Chair MD CAV WG*** ***JHU – Jim Bellingham, Executive Director, Johns Hopkins Institute for Assured Autonomy*** ***CV Technology in Maryland*** ***Warren Henry, Division Chief, MDOT SHA Office of Transportation Mobility and Operations (OTMO), Mobility Planning and Engineering Division (MPED)*** *Maryland's Statewide ITS Architecture Update, SCMS and other news.*

[1] There are multiple elevator exits from the garage which extends under Decker Quad, check which building you are exiting into from the garage before plotting your route to the Glass Pavilion.

	Dwight Gordon, Prince Georges County IT and Engineering Technician *Local CV Project Update, Prince Georges EVP and CV2X, Montgomery County SPAT Corridor and other news.*
1:25 PM – 2:10 PM	***Framework*** ***USDOT V2X – Justin Anderson, USDOT ITS JPO*** *Learn how infrastructure owners and operators (IOOs) are accelerating the deployment of vehicle-to-everything (V2X) technologies along with the Department's ongoing efforts to enhance V2X interoperability through updated definitions, best practices, and testing activities. USDOT will also highlight available resources to support deployment agencies and stakeholders – including its Accelerating V2X Cohort, Interoperability Technical Working Group, open-source V2X tools, dedicated help desk services, Smart Community Resource Center (SCRC), and other technical resources.*
2:10 PM – 2:45 PM	***Standards*** ***NEMA's role in Advancing Connected Vehicle Technology – Steve Griffith, PMP, Executive Director, NEMA Regulatory & Industry Affairs, Mobility Sector*** *Learn about how NEMA Members and state and local authorities that purchase roadside equipment have a large stake in the deployment of roadway safety technologies, including Vehicle-to-Infrastructure (V2I) and other "V2X" functions that will contribute to the reduction of roadway accidents, primarily through the deployment of Connected Vehicles (CV) enabled in part by smart elements of the roadside infrastructure. Successful Connected Vehicle deployment and operation will largely be driven by standards written by the private sector, NEMA as an accredited Standards development organization recently published the revision to its Connected Vehicle Infrastructure Roadside Equipment Standard. Additionally, NEMAs "Make it American" Program, is designed to support the industry in assessing, meeting, and offering to the market with confidence, products that comply with Build America, Buy America (BABA) domestic content requirements.*
2:45 PM – 3:15 PM	**Networking Break sponsored by** 
3:15 PM – 3:50 PM	***Certification: Omni Air Certification for Connected Vehicles*** ***- Jason Conley, Executive Director Omni Air Consortium*** *Learn about the important role of independent, third-party testing and certification in ensuring standards conformance and interoperability of vehicle-to-everything technologies. Learn about the OmniAir Certification for V2X OBUs and RSUs, and how device certification can be used in the procurement process.*

3:50 PM – 4:25 PM	***Driving Results: Enabling Better Procurement for Connected Vehicle Technologies - Bobby McCurdy, Vice President of Policy and Advocacy, ITSA and Victoria Coulter, GDOT*** *Learn about how innovative procurement methods can help transportation agencies more effectively deploy connected vehicle (CV) technologies by focusing on real-world performance and safety results rather than rigid technical specifications. Learn about how these models support innovation, adaptability, and scalability—especially in a rapidly evolving V2X landscape—and highlights how upcoming the upcoming federal surface transportation reauthorization can help institutionalize these practices. A featured case study from a state DOT illustrates how their procurements have successfully accelerated V2X deployment on the ground.*
4:25 PM – 4:45 PM	***Audience Participation - Question and Answer Session: Moderator, Roxane Mukai, Maryland Transportation Authority***
4:45 PM – 5:00 PM	***Closing Remarks***
5:30 PM – 7:30 PM	***Networking Event sponsored by***  Location TBD.

SPEAKERS:

Justin Anderson

Next Generation Wireless Transportation Program Manager, United States Department of Transportation (USDOT), Intelligent Transportation Systems (ITS), Joint Program Office (JPO)

Justin Anderson is an electrical engineer with over 20 years of wireless communications experience, and over 12 years of dedicated experience working with vehicle-to-everything (V2X) communications. He currently leads the Next Generation Wireless Communications and Secure Credential Management System (SCMS) programs at the Department of Transportation's (DOT) Intelligent Transportation Systems (ITS) Joint Program Office (JPO). His recent work includes working with the FCC and NTIA on defining the 5.9 GHz 2nd R&O, conducting ITS research into the use of different wireless technologies and leading a series of interoperability focused V2X tests. Within these roles he has led the effort to develop a proof-of-concept misbehavior detection capability for the V2X communications and multiple efforts to standardize V2X messages and interfaces. Mr. Anderson is also a Certified Systems Engineering Professional (CSEP) and a Certified Information Systems Security Professional (CISSP).

Steve Griffith

Executive Director, National Electrical Manufacturers Association (NEMA), Regulatory and Industry Affairs, Mobility Sector

Steve Griffith is an Executive Director, Regulatory and Industry Affairs for NEMA's Mobility Sector. He oversees NEMA's engagement with regulatory agencies of jurisdiction in mobility. He leads a matrix team to develop a strategy to advance NEMA's policy positions and desired regulatory outcomes, actively engages on relevant regulatory agency programs and rulemakings, and serves as a subject matter expert on mobility sector issues and priorities for both internal and external audiences.

Jason M. Conley

Executive Director, Omni Air Consortium

Since 2016, Jason Conley has served as the Executive Director of OmniAir Consortium, a global association, operating certification programs for wireless communications equipment used in connected vehicles and electronic toll collection. Mr. Conley has over 25 years of experience in transportation and security technologies. He joined OmniAir directly from MorphoTrust USA (now Idemia), an identity solutions and services provider, where he led the organization's Government Affairs team. He has served in senior roles with the Transportation Security Administration, the U.S. Chamber of Commerce, ITS America, and a smart mobility start-up, Avego (now Carma Technologies). He is a

graduate of Wake Forest University and the Columbus School of Law at the Catholic University of America and is a member of the Virginia State Bar.

Bobby McCurdy

Vice President of Policy and Advocacy, Intelligent Transportation Society of America (ITSA)

Bobby is the Vice President of Policy and Advocacy at ITS America, where he focuses on policy development, legislative and regulatory strategy, and external advocacy on ITS America's member priorities – particularly implementation of the Infrastructure Investment and Jobs Act, Vehicle-to-Everything communications, artificial intelligence, and digital infrastructure. He has been with ITS America since mid-2019.

Victoria Coulter, P.E.

V2X Program Manager, Georgia Department of Transportation (GDOT), Office of Transportation, SigOps

Victoria is the V2X Program Manager for the Georgia Department of Transportation (GDOT), home to one of the nation's most extensive connected vehicle programs. She oversees the operation, maintenance, and strategic expansion of V2X equipment and applications throughout Georgia. Victoria is a graduate of the Georgia Institute of Technology and is a licensed Professional Engineering in the state of Georgia. Her work supports GDOT's vision for a safer, smarter, and more efficient transportation future through cutting-edge vehicle to everything (V2X) technology.