Working Group Description, Chairs, and Cadence

Technical Working Group

Frank Perry – WSP
Second and fourth Tuesday - 12:00 PM EST

The Technical Working Group focuses on developing a technical strategy and V2X functionality for the OmniAir Connected Vehicle Certification program. This working group defines the certification needs, device profiles, templates for technical reports, and other technical topics, bringing device types, technology providers, test equipment, test laboratories, and field test site elements together. Meetings feature updates on V2X standards and industry advances for certification considerations. Test cases are generated and vetted from standards, specifications, and industry validation needs.

Certification Working Group

Vacant
First and third Monday - 11:00 AM EST

The Certification Working Group develops OmniAir certification policies, manuals, and documents detailing the purpose, scope, process, procedures, and instructions associated with the operation of certification services and programs. When OmniAir establishes a new certification program, this working group initiates and authors the program scope manuals and documents based on internationally recognized cetification bodies and quality standards. Policy documents and program scope manuals address device types, test equipment, test laboratories, field test sites, protocols, and functionality elements.

Cybersecurity Working Group

Brian Romansky – ISS
First and third Tuesday - 11:00 AM EST and 8:00 PM EST

The Cybersecurity Working Group focuses on identifying security functions, use cases, and risk associations for V2X devices. It develops test specifications for evaluating the 1609.2 security/certificates and 1609.2.1 SCMS downloading, as well as FIPS compliance and other cybersecurity testing requirements for incorporation into OmniAir certification programs.

Connected Infrastructure Working Group

Nick Hegemier – DriveOhio
Need Cadence

The Connected Infrastructure Working Group focuses on the development of V2X industry infrastructure certification criteria for Roadside Units (RSU) and peripheral V2X interfaces such as traffic signal controllers and sensors. Test cases are generated and vetted from standards, specifications, and agency validation needs such as RSU 4.1, CTI 4001, CTI 4501 and NTCIP 1218. This group collaborates with the other V2X-focused working groups and provides recommendations to the Technical Working Group.

Aftermarket Safety Devices Working Group

Vacant
First and third Thursday - 11:00 AM EST

The Aftermarket Safety Device (ASD) Working Group addresses the certification needs specific to aftermarket V2X devices designed for vehicles not equipped with OEM-integrated OBUs. Examples include ASDs for transit and emergency vehicle fleets, as well as ASDs for bicycles and pedestrians. Vehicle types, packages, and their intended applications, along with ASD types and performance requirements, need to be standardized beyond the V2X communications protocol. The Working Group will define technical use cases, based on relevant industry standards.

Applications Working Group

Tom Timcho – HNTB
First and third Tuesday - 1:00 PM EST

The Application Testing Working Group is focused on developing test cases and program scopes for vehicle-to-infrastructure (V2I) and vehicle-to-vehicle (V2V) safety applications. This involves both bench simulation testing and field testing. This working group is also charged with identifying critical communication parameters and application needs, anticipating standards and deployer requirements.

Plugfest Testing

Aaron Moore – ISS
Fourth Thursday – 9:00 AM EST

Plugfest Preparation Working Group - OmniAir organizes Plugfest events for members to test their products' readiness against established test plans. These events bring together OmniAir Qualified Test Equipment (OQTE) and OmniAir Authorized Test Laboratories (OATL) for CV2X conformance, security, and interoperability testing. Planning meetings involve device vendors, test equipment providers, and test laboratories. This working group is responsible for defining Plugfest testing schedules, testing capabilities, and for evaluating draft test cases for inclusion in Plugfest testing and demonstrations.

Tolling and Emerging Payment Technologies Working Group

Jake Royer - E-ZPass Group
First Monday - 3:00 PM EST

The Tolling and Emerging Payment Technologies Working Group focuses on developing strategies, requirements, recommendations, and test specifications for OmniAir's RFID tolling certification for both single-protocol and multi-protocol tolling transponders and readers. In addition, the working group examines future certification needs for the tolling industry, including mobile tolling applications and other emerging payment technologies.

Road Usage Charge

Stella Joseph – HNTB
First Wednesday - 3:00 PM EST

Road User Charging (RUC) Working Group - The Road User Charging (RUC) Working Group's goal is to develop a certification program that facilitates the nationwide deployment of trusted RUC services. The

group's immediate focus includes engaging and expanding stakeholder participation through outreach, surveys, and focus group workshops. Additionally, the working group develops strategies, user needs, requirements, use cases, and test specifications for the J3127 V2X tolling and J3217/R RUC Processing standards, ensuring nationwide interoperability and a seamless customer experience.