

Connected Safety Birds of a Feather

Overview

Charter

Bring together public safety, automotive, commercial transportation, and government to make our roadways safer for everyone:

- Define comprehensive stakeholder-based safety-related scenarios and value propositions
- Collaborate with COVESA members and others safety-related organizations to develop safety expertise and community within COVESA
- Develop integrated safety system prototypes and references implementations
- Publish white papers on key findings, best practices, and implementation recommendations

Result

Accelerate delivery of connected technologies to benefit everyone that shares, protects, and maintains our roadways. Examples:

- Protect and give aid to vulnerable vehicles and occupants stranded along roadway
- Reduce response time and secondary collision risk for motorists involved in a crash
- Provide 911 Public Safety organizations with critical information so that they dispatch the right personnel and equipment to the scene
- Mitigate liability and lost productivity for commercial vehicles involved in roadway crashes

Calendar

To drive this forward, the BoF Working Group will meet monthly to discuss the following topics. Once the key stakeholder needs have been discussed, additional meetings will focus on defining the technology, data exchange, eco-system, and business model that are needed to deliver against those stakeholder needs.

Date	Draft Topics	Comments
December 6, 2023	<ul style="list-style-type: none">• Kick-off Meeting	See summary below
February 8, 2024	<ul style="list-style-type: none">• Vehicle Submersion Stakeholder Needs• 911 Emergency Responder Needs	See summary below
March 7, 2024	<ul style="list-style-type: none">• Roadside Crashes	See summary below
April 17, 2024	<ul style="list-style-type: none">• ADAS Collision Avoidance/Aftercare	See summary below
June 4, 2024	<ul style="list-style-type: none">• Next Generation 9-1-1 PSAP Roundtable	See summary below
July 11, 2024	<ul style="list-style-type: none">• On-Board Digital Alerting	See summary below

Join the Cause

Please register [here](#) to join the mailing list and be invited to future sessions.

Workshop Summaries

Virtual Workshop: July 11, 2024 at 6:30am PT / 9:30am ET / 15:30 CET.

This session focused on the planned pivot from exploring stakeholder needs and value propositions to developing integrated safety system prototypes and reference implementations for improving post-crash care. The following projects were approved for deeper definition:

- Protecting the scene of a crash, and
- 9-1-1 Dispatcher Visibility

As such, separate meetings will be scheduled to create the project proposals that will be presented to COVESA Leadership on July 29, 2024. Once approved, separate meetings will be set up to drive the projects forward. Please contact Tim VanGoethem <tvangoethem@ess-help.com> and Larry Williams <lwilliams@roadmedic.com> if you're interested in participating in one or both of these projects.



COVESA BoF v2024_07_11.pdf

In-Person and Virtual Workshop: June 4, 2024 at 11:30am PT / 14:30 ET / 20:30 CET.

The Connected Vehicle Systems Alliance (COVESA) teamed up with Center for Automotive Research and LiDAR Saving Lives Public-Safety Coalition for a roundtable discussion on Next Generation PSAP during the Autotech Detroit conference held in Novi, MI. This roundtable dove into the enabling digital processing and secure routing of crash data from vehicle sensors (lidar, radar, camera) triggered by airbag deployment to contact 9-1-1 PSAP Dispatch Centers in under five seconds.

Moderator/Host:

- Ravi Puvvala, **Center for Automotive Research**
- Tim VanGoethem, **Connected Vehicle Systems Alliance (COVESA)** and Chief Product Officer, **Emergency Safety Solutions**

Panelists:

- Scott Craig, President, **SBC Advisors**
- Jon Boeing, Founder, **Connect.ai**
- Steve Coker, Senior Vice President, **SiriusXM Connected Vehicle Services**
- Martin Lundh, Product Management & Strategy, **WirelessCar**
- Dave Sehnert, ENP, Head of Public Safety Partnerships, **RapidSOS**
- Brian Tegtmeier, ENP, National 911 Program Coordinator, **National Highway Traffic Safety Administration**

A full recording of this 2-hour workshop can be accessed on the Center for Automotive Research website [here](#).



911 Dispatch Panel.pdf

Virtual Workshop: April 17, 2024 at 6:30am PT / 9:30am ET / 15:30 CET.

This workshop took place at the COVESA All Members Meeting in Gothenburg, Sweden and focussed on ADAS Collision Avoidance/Aftercare. Special thanks to the following for their great presentations and insights!

- Magnus Anfersson, CEO of Terranet AB: enabling a more intelligent emergency response using visual contextual information from Lidar, radar, and camera sensors.
- Guillaume Ouellette, Product Manager at WirelessCar: Third-Party Service Provider (TPS) eCall services delivering intelligent crash data to PSAPs in global format.
- Roger Lancot, Director Global Automotive Practice, TechInsights: Collecting, sending, processing, & distributing intelligent crash data to help save lives



COVESA Connect...2024_04_17.pdf

Virtual Workshop: March 7, 2024 at 8am PT / 11am ET / 17:00 CET.

In this workshop we discussed the how many people are affected by crashes with vulnerable roadway users. Special thanks to Andrew Coetzee from Emergency Safety Solutions for sharing his perspective and thoughts on how we can improve safety for everyone (material available below).



COVESA Connect...2024_03_07.pdf

Virtual Workshop: February 8, 2024 at 8am PT / 11am ET / 17:00 CET.

In this workshop we discussed the needs and value created for the following:

- the unexpected challenges individuals face during a vehicle submersion including how panic and uncertainty meet the hard reality of needing to act fast in such situations.
- will share insights into public safety needs and provide real-world data examples.

Special thanks to Sabrina Percher, COO and Founder of AWOS Technologies, and Scott Pate, Co-Founder of LiDAR Saving Lives Public Safety Coalition & Consultancy, for their insightful and thought provoking presentations (material available below).



COVESA Connect...2024_02_08.pdf

Kickoff Session: December 06, 2023 at 7am PT / 10am ET / 16:00 CET.

This kick-off meeting introduced the goals and expected results for the Connected Safety Birds of a Feather Working Group. The agenda for the meeting was:

- Introductions
- BoF Overview
 - Goal & Strategies
 - Expected Results
 - Approach
- Q&A / Discussion
- Next Steps

The attached materials were used to frame the discussion.



Connected Safe...2023_12_01.pdf