

**COVESA**

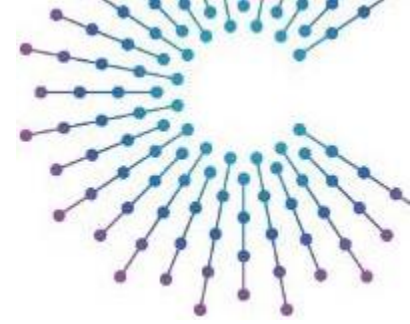


**STEVE CRUMB**

**COVESA for Newcomers**

# Antitrust Note Well

Before we begin, we would like to make clear that COVESA is committed to compliance with the antitrust laws in all of its activities, and that it expects all participants to similarly comply with the antitrust laws. We will not engage in--and members must refrain from--any discussion of, or understandings regarding competitively sensitive topics. If you have any doubts regarding whether a matter is appropriate for discussion, please consult with your antitrust counsel.



# Why COVESA?



Digital experiences in and around the vehicle must continually evolve



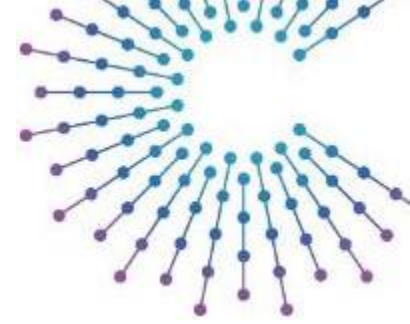
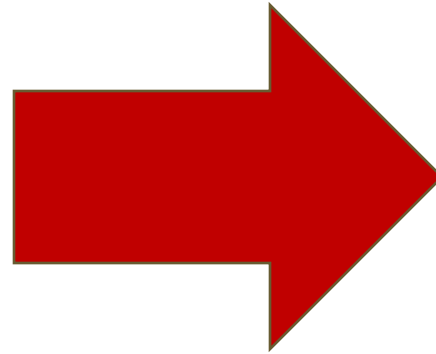
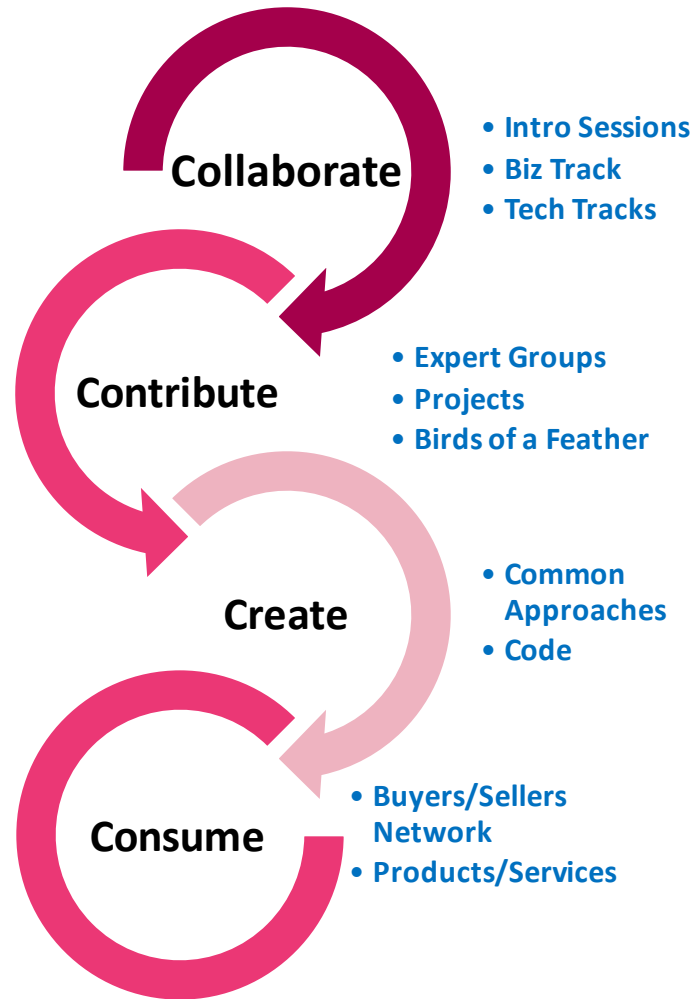
Vehicle experiences must integrate seamlessly with the consumer's digital world



Vehicles must increasingly be part of a connected mobility ecosystem of solutions and services



# Why does COVESA gather?



# Board of Directors

**Matt Jones,  
President**

**Ford**



**Graham  
Smethurst,  
Chairman**

**BMW**



**Gerald Spreitz,  
Vice President**

**Robert Bosch**



**Thomas Bloor,  
Secretary**

**RTI**



**John Sergakis,  
Treasurer**



## BOARD MEMBERS

**Florian  
Baumann,  
Aptiv**

**Tara Akhavan,  
Forvia**

**Christoph  
Ludewig,  
Geotab**

**Hisao  
Munakata,  
Renesas**

**Trpko S.  
Blazevski,  
Stellantis**

**Dan Nicholson,  
General  
Motors**

**Shareef Hakim,  
Ford**

**John Sergakis,  
General  
Motors**

**Stephen  
Lawrence,  
Renesas**

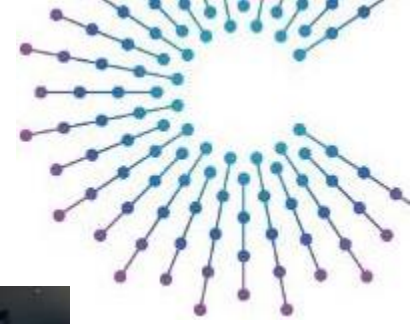
**Ted Guild,  
Geotab**

**Mona  
Levacher,  
Forvia**



## BOARD SECONDARY REPRESENTATIVES

# COVESA – The Team



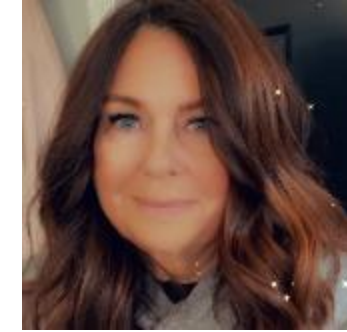
Paul Boyes  
Community Director



Mike Nunnery  
Biz Dev Manager



Sue Schmitt  
Operations Manager



Karin Hanson  
Sr. Events Manager



Nicholas Contino  
IT Manager



Tina Wright  
Finance Coordinator



Shellie Smith  
HelpDesk & Membership



Traci Renner  
Branding & Social Media

# Members

## OEMs



## First Tiers



## Silicon arm



## Other



## OSV, Middleware, Hardware & Service Suppliers



# The Vision

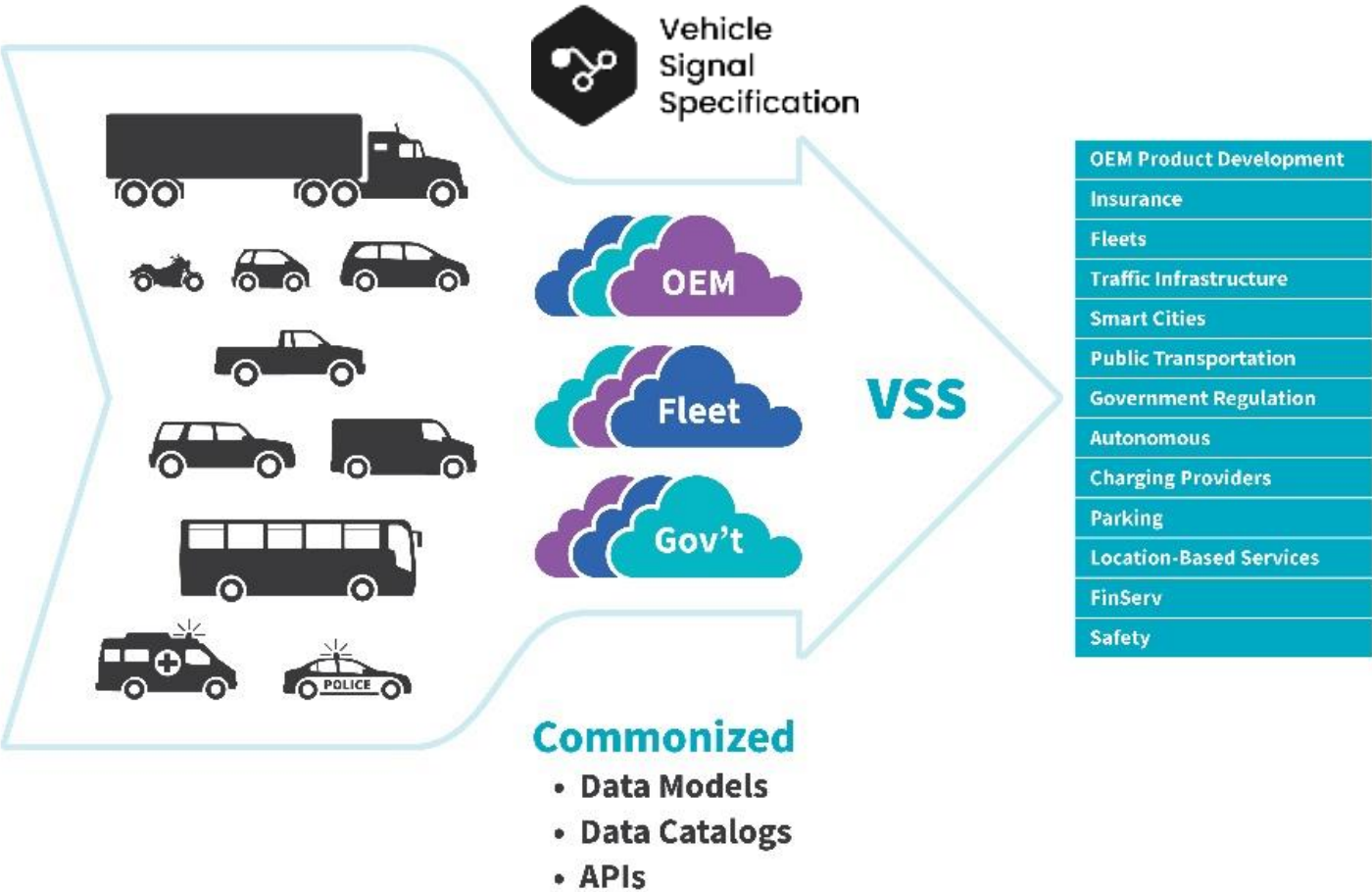
COVESA is an open, collaborative and impactful technology alliance; accelerating the full potential of connected vehicles.

Working together, we are a force-multiplier, creating a more diverse, sustainable and integrated mobility ecosystem.



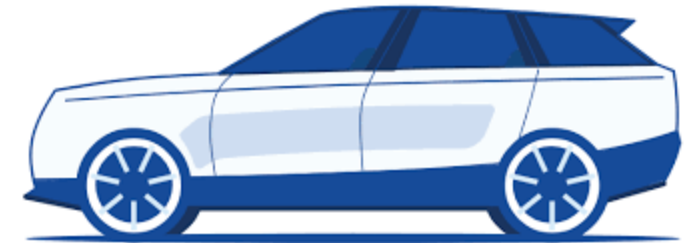
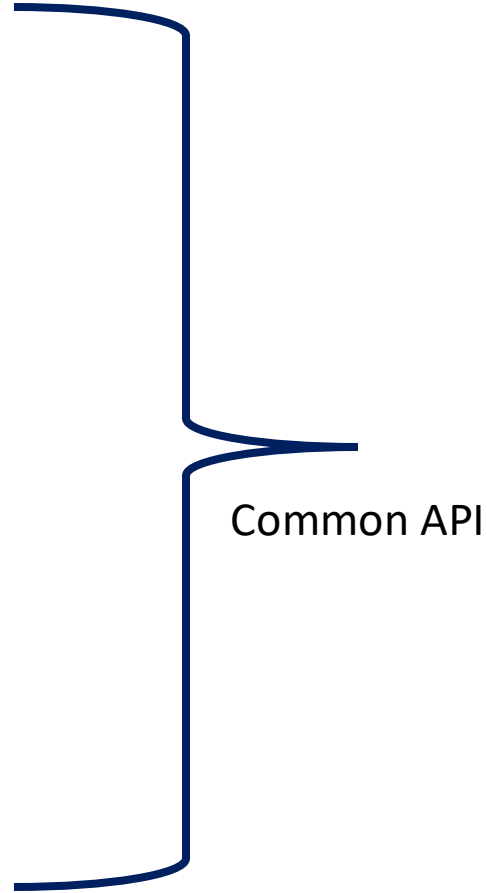
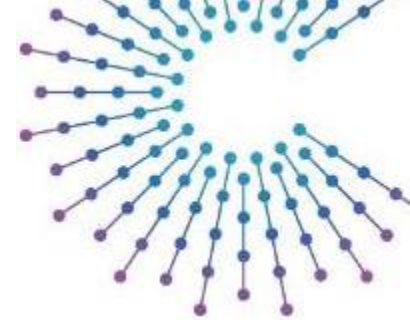


# The Impact



**VSS commonizes diverse data sources enabling focus on business value.**

# Another Impact: AOSP App Framework Standardization



# Code Lives HERE!

ifex Public

The Interface Exchange Framework. Tools for processing interface/API descriptions in different formats, including the IFEX core format. Some example files are at: [https://github.com/COVESA/vehicle\\_service\\_catalog](https://github.com/COVESA/vehicle_service_catalog).

Python 8 MPL-2.0 17 42 (3 issues need help) 3 Updated 4 hours ago



vissr Public

Forked from [w3c/automotive-viss2](#)

Go 0 MIT 19 0 0 Updated 6 hours ago



vehicle\_signal\_specification Public

Vehicle Signal Specification - standardized way to describe automotive data

YAML 293 MPL-2.0 153 53 (3 issues need help) 7 Updated 9 hours ago



vss-tools Public

Software for working with VSS ([https://github.com/COVESA/vehicle\\_signal\\_specification](https://github.com/COVESA/vehicle_signal_specification))

Python 45 MPL-2.0 47 17 3 Updated 12 hours ago



vsomeip Public

An implementation of Scalable service-Oriented MiddlewarE over IP

C++ 974 MPL-2.0 633 49 15 Updated yesterday



vehicle-information-service-specification Public

HTML 0 2 2 0 Updated 5 days ago



dlt-daemon Public

Diagnostic Log and Trace.

C 331 MPL-2.0 275 13 11 Updated last week



## Backlog 4

Backlog to be Triaged

cdsp #6  
task: Get requirements input from GM

help wanted task

cdsp #12  
task: investigate deployment on Renesas h/w  
task Create Phase 1 PoC auto h/w deployment

cdsp #13  
task: review v0.1.0 release  
task

Draft  
Create milestone for 0.1.0 release

## Next 4

What should be done next

cdsp #21  
Consider What/Why for a Knowledge Layer connector  
enhancement task

cdsp #24  
Create baseline documentation outlining the project  
documentation task

cdsp #25  
Rebase Playground on upstream WAI to get latest IoTDB support  
enhancement task

cdsp #26  
docker readme: WAI build instructions do not mention need to create vss\_vissv2.binary  
bug

## In Progress 3

This is actively being worked on

cdsp #15  
task: extend WAI to support Realm as a data store backend  
enhancement task  
Add new DB backends to WAI

cdsp #11  
Create PoC Docker sources  
documentation enhancement task  
Create Phase 1 PoC Docker deployment

cdsp #19  
task: review IoTDB integration into WAI upstream and discuss possible merge  
task Add new DB backends to WAI

## Done 13

This has been completed

cdsp #1  
task: create Slack channel  
task Initial project setup

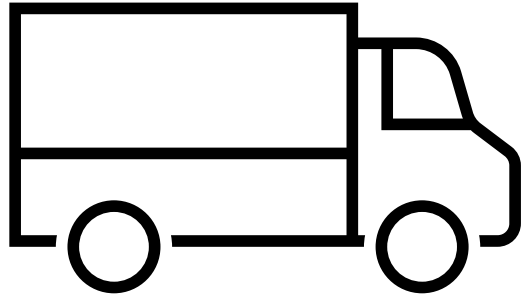
cdsp #10  
task: review PoC Doc site  
documentation task  
Create Documentation site

cdsp #5  
task: investigate Apache IoTDB upstream Docker support  
task  
Create Phase 1 PoC Docker deployment

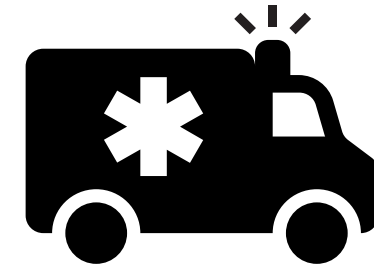
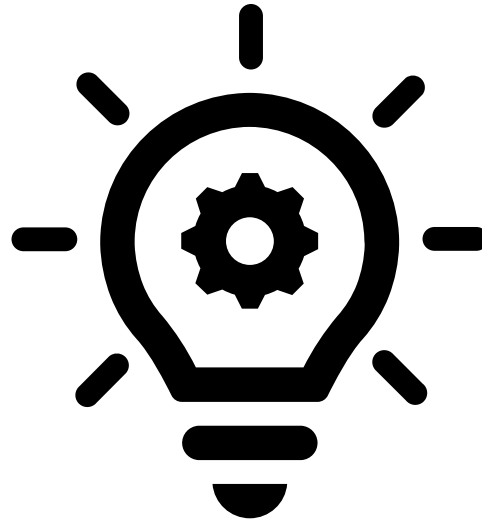
cdsp #3  
task: setup project repository  
task Initial project setup

cdsp #2  
task: setup Github Project for project management  
task Initial project setup

# Member-driven Ideas (Birds of a Feather)



Commercial Vehicle BoF



Connected Safety BoF



Vehicle Experience BoF



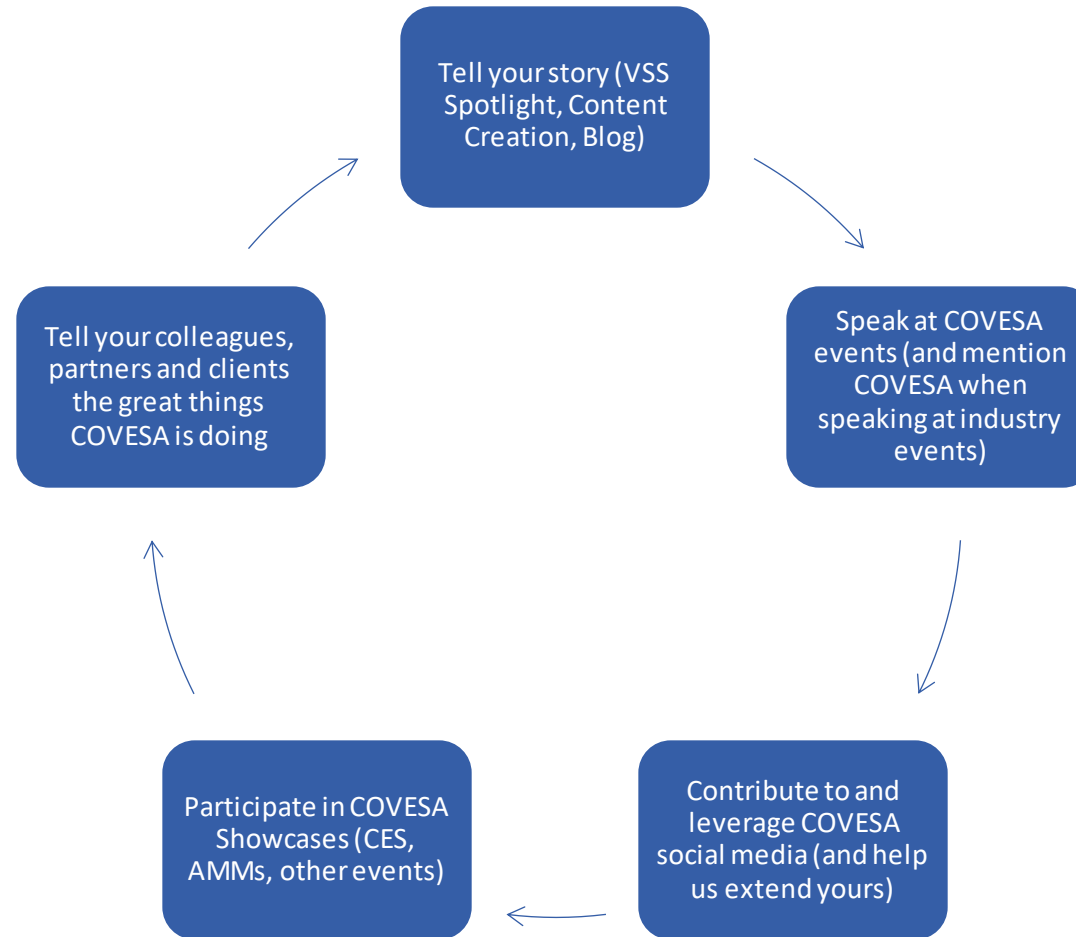
Vehicle Commerce BoF

# The Message – COVESA Marketing Team

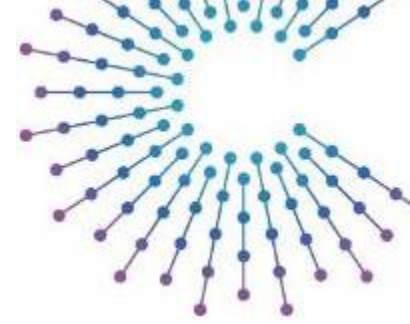
## Top 3 Reason to Join the Marketing Team

- Ensure your organizational priorities are reflected in technical projects, communications, and events.
- Enjoy visibility as thought leaders and influencers at COVESA and Industry-related events to elevate and promote the alliance and your organizational priorities.
- Unprecedented access and collaboration with industry leaders across the value chain to share next and best practices.

# Ways to Contribute (and get benefit)



# Tuesday Sessions Newcomers Should Attend



1:30 PM - 1:55 PM

## COVESA Member Keynote

Hear the latest happenings in COVESA from COVESA President, Matt Jones. Matt will also share his view of the future of COVESA and topics to be considered in the next year.

## Plenary

2:00 PM - 2:40 PM

## COVESA Priorities & Future

COVESA Board Members will present and discuss COVESA core values and progress on strategic goals for 2024. A brief Q&A session will be offered at the end.

## Panel Session Plenary

2:45 PM - 3:15 PM

## Understanding and Engaging in COVESA Expert Groups & Projects

Community Director Paul Boyes and Executive Director Steve Crumb engage the audience in dialog over COVESA's current groups and projects.

## Informal Discussion Plenary

3:45 PM - 4:10 PM

## A Beginners Guide to Vehicle Signal Specification (VSS)

This session is for those new to COVESA's Vehicle Signal Specification (VSS).



# How to Make the Most of This Event



## Meet

- COVESA 'veterans' and ask questions (Breaks, receptions)
- Board members, Paul Boyes (Community Director), Mike Nunnery (Industry events and showcases), and others...



## Listen

- To this week's announcements (especially, during today's Keynote)
- To status updates, do your homework, and (pretty please) don't slow down work in-progress



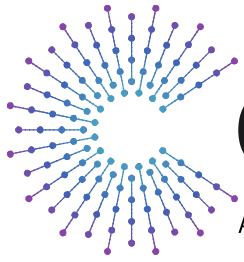
## Enjoy

- Receptions, breaks and showcase event (Wednesday night)
- The great content brought to you and consider what action you and your company should take



A decorative graphic at the top of the slide consists of a network of interconnected nodes and lines. The nodes are represented by small circles in various shades of blue and purple, and the lines are thin, connecting the nodes in a complex, web-like pattern. The overall effect is a modern, digital aesthetic.

# QUESTIONS?



# COVESA

Accelerating the future of connected vehicles

