Welcome to the COVESA Projects Wiki

COVESA
Accelerating the future of connected vehicles

Get Involved:

- Get Started
- COVESA Community Calendar - Weekly Meeting Schedule
- COVESA Communication Channels and Calendars
- COVESA GitHub repository
- Project Launch Process
- Wiki Account Request (Account is required to edit/collaborate on wiki)
- Join COVESA
- COVESA Briefing/Overview Deck

Collaborative Projects:

Data Expert Group

- Best Practices
  - Governance
  - Privacy and Security
  - Data Model Definition
  - API First
- Data Models and Ontologies
  - Vehicle Signal Specification
  - Vehicle Signal Specification Ontology (VSSo) - W3C Collaboration
- Architecture and Infrastructure
- Interface Definition
  - Vehicle API
  - Vehicle Service Catalog
  - Vehicle Information Service Specification (VISS)
- Workshops
  - 2023Q1

Electric Vehicle Charging Expert Group

- Electric Vehicle Charging Event Data Aggregation Project
- EV Optimization - Increase Travel Range for Fixed Battery

Android™ Automotive SIG

- Android Automotive White Label App Store

Security Team

Simulation and Tooling

- digital.auto

Vehicle Experience and Content - Entertainment BoF

- In-Vehicle Payment SIG

Trends and Topics Driving COVESA Work:

Connected Vehicles

- Connect Vehicle Architectures
- Vehicle Data Models

- Vehicle Interfaces/API
- Connected Vehicle Security
- Cloud Computing
    - Cloud First Development
- Connected Vehicle Experiences
- Connected Services
- Edge Computing

Software Defined Vehicle

Electrification

Mobility

COVESA Scope:

Our focus is connected vehicle systems including in-vehicle, at-edge and in-cloud services, interfaces and data exchange. Our Data Expert Group leads and governs based on four pillars: Best Practices, Data Models and Ontologies, Architecture and Infrastructure, and Interfaces. As such we continue our alliance with W3C and other organizations for a promising future in the growing mobility ecosystem.

Blog Posts

- Blog: Vehicle Information Service Specification (VISS) and Vehicle Information Service Specification (VISSR) Work Continues in COVESA created by
  Paul Boyes
  Apr 12, 2024
  Wiki Front Page
- Blog: Collaboration in Action: Dive into the Birds of a Feather Groups at COVESA's AMM created by
  Mary Placido
  Apr 08, 2024
  Wiki Front Page
- Blog: Exploring the Frontier of Software Defined Vehicles at COVESA Spring AMM created by
  Mary Placido
  Mar 21, 2024
  Wiki Front Page
- Blog: COVESA Spring AMM's Deep Dive into VSS created by
  Mary Placido
  Mar 13, 2024
  Wiki Front Page

For more information on engaging in COVESA, please contact help@covesa.global o r visit www.covesa.global