

Vehicle API

Next Meeting: 16 December 2022

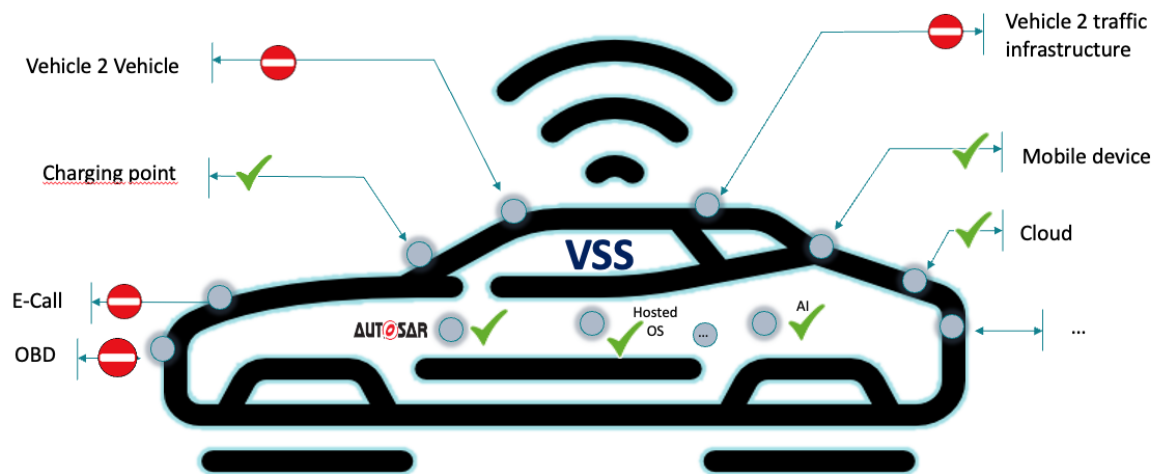
Next Milestone: Draft Legal and Technical Charters Completed, 16 December 2022

Overview

As part of their [recently announced collaboration](#) COVESA and AUTOSAR are leveraging their respective strengths to collaboratively create an open **Vehicle API**. This **Vehicle API** will expose vehicle data as defined and described by COVESA's [Vehicle Signal Specification](#) to a variety of agreed upon touch-points in and out of the vehicle (see Touchpoints below). The plan is to provide access to this vehicle data through an extensible plugin architecture that will support a variety of well known protocols and an open license model (see Extensible Plugin Architecture below).

Touchpoints

COVESA Scope

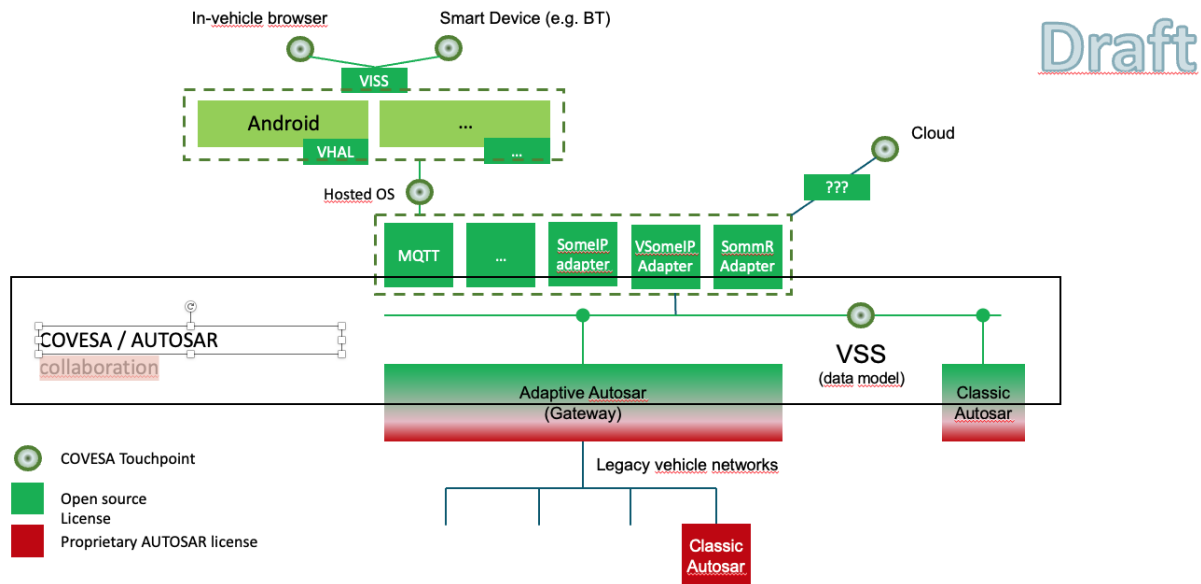


Common consistent BASIS across several touch-points.

Car icons created by Freepik ©2022

Extensible Plugin Architecture

Scope of COVESA / AUTOSAR Collaboration



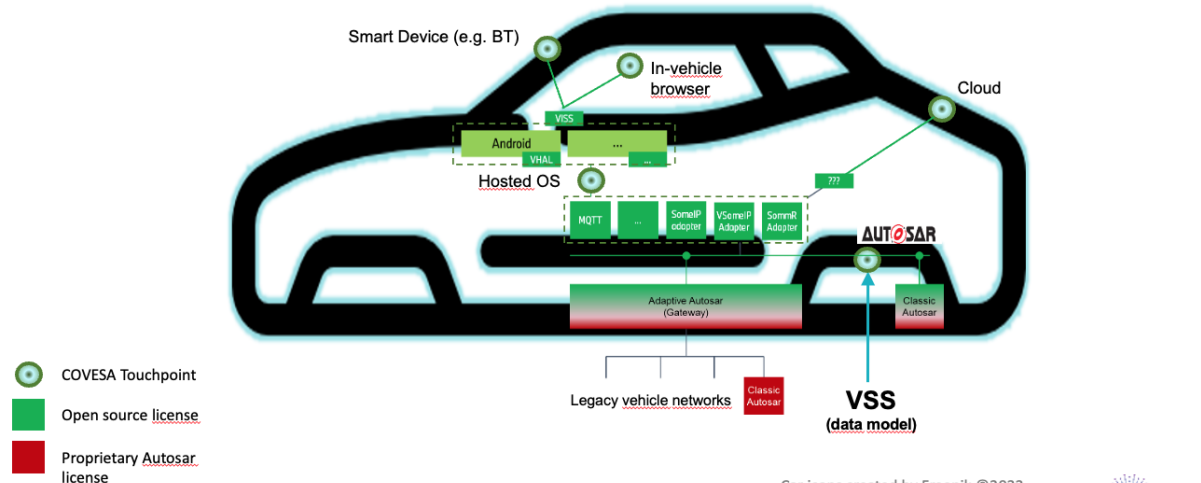
Department | Date | Author

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Combined

Scope of COVESA / Autosar Collaboration

Common consistent BASIS across several touch-points.



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Presentations

October 2022 All Member Meeting Presentation



Day2_Achim+Steve_0300pm_V4.pptx

April 2022 All Member Meeting Presentation



AUTOSAR@COVE...MM_2022.pptx

Working Model

COVESA and AUTOSAR have agreed to create/charter two teams, guided by a joint Steering Body comprised of AUTOSAR and COVESA Board Members, to work towards the Vehicle API: Vehicle API Legal and Vehicle API Technical.

Vehicle API Legal

The Vehicle API Legal team will address Intellectual Property Rights and licensing.

Working draft charter - Currently access is limited to the COVESA and AUTOSAR members who require access. If you feel you need access, please contact [Paul Boyes](#) .

Vehicle API Technical

The Vehicle API Technical team will define the Vehicle API.

[Working draft charter](#) - Currently access is limited to the COVESA and AUTOSAR members who require access. If you feel you need access, please contact [Paul Boyes](#) .

A "COVESA-only" [version](#) also exist.

COVESA Internal Meetings

[Meeting notes from internal meetings could be found here](#)

Joint Meetings

[Notes from joint meetings can be found here](#)