

Vehicle On-Board Authorisation Concept

To be discussed at the UNECE / GRVA Informal Working Group
on Cyber Security and Over-The-Air Software Updates (CS/OTA)
Document# TFCS-32-XX

Update September – October 2024

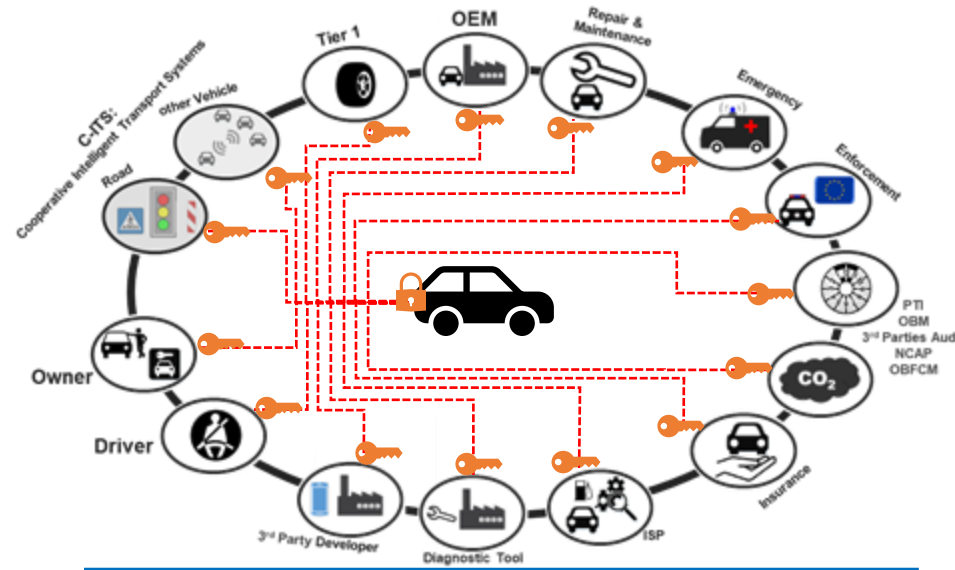
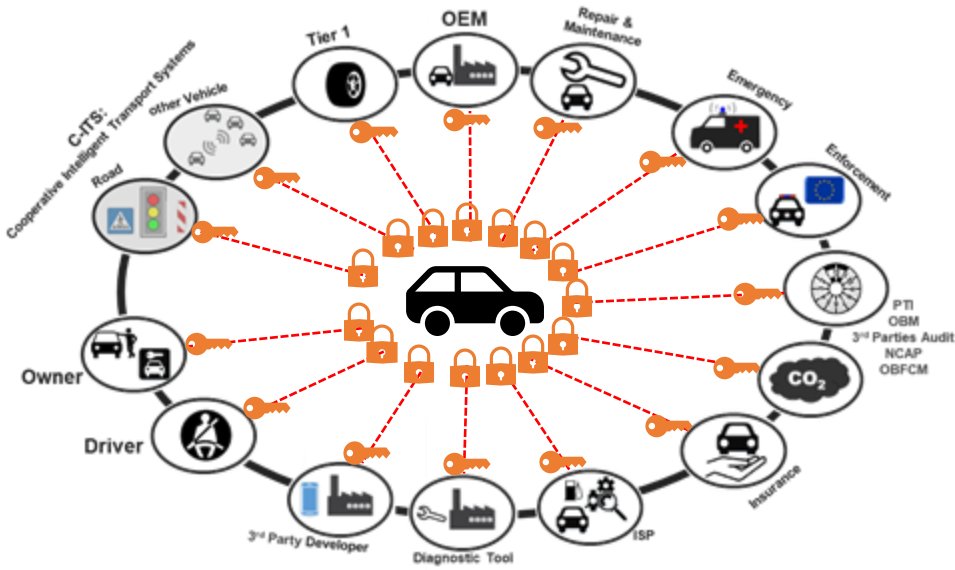
RECENT PROGRESS

- 2 formal group meetings in Sep / Oct with several NGOs and CPs; now 4 meetings total
- Terms of Reference / Rules of Procedure discussed, group feedback to be incorporated
- Survey highlighted need for:
 - more clarity regarding on-board authorisation concept
 - stocktaking of vehicle data access, security and privacy situations in different countries and regions
 - directions for amendments to existing regulation
- Delegates repeatedly point out that scope covers many applications (see next page) and balancing security, user rights, authoritative access is essential to this group's work
- In-person workshop needed in order to move to action and assign responsibilities

FUTURE OUTLOOK

- In-person workshop before / after 21st GRVA in Geneva, Jan 2025
 - > global perspective on cybersecurity, data privacy, and vehicle access
 - > exact date, location, details currently worked on with GRVA
 - > open to all IWG on CS/OTA participants, please contact S. Beiker for details
- Next meeting Nov 7, 13:00 CET, please contact S. Beiker to participate

The interconnected traffic is an extensive arrangement of stakeholders and tasks, harmonisation serves security



Unharmonised
On-Board Authorisation / Authentication

Harmonised
On-Board Authorisation / Authentication

Manufacturers, independent service providers, suppliers, auditors, or the car owners present a **multitude of requests for access to vehicle data, functionalities and resources**.

The **goal for the multitude of applications should be one harmonised solution for** vehicle on-board authorisation / authentication instead of many different ways to enter the secured area.

Harmonised vehicle on-board authorisation / authentication **balance security, user rights, authoritative needs**.

Thanks for your attention!