



DRIVES Program Overview

Last Updated: February 2024



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Introduction to DRIVES Program



Distributed Registry for Intelligent Vehicle Ecosystem Sustainability

- » The **DRIVES Program** creates [standards](#); develops interoperability pilots; and evaluates the benefits, costs, and feasibility of multiparty applications relating to Vehicles and Vehicle Identity (VID).
- » The DRIVES Program focuses on various topics, including Vehicle Identity (VID) Standards, Battery Identification Number (BIN), EV Battery State of Health (SOH), MOBI Trusted Trip (MTT), and Vehicle Maintenance & Repair.



Introduction to DRIVES Program

Distributed Registry for Intelligent Vehicle Ecosystem Sustainability

- » The following [inactive Working Groups](#) are now part of the DRIVES Program: Connected Mobility Data Marketplace (CMDM) and Vehicle Identity (VID).

DRIVES Program Contributors: AAIS, Accenture, Anritsu, ASJade Tech, Arxum,

- » AUCNET, Amazon Web Services (AWS), Blockedge, BMW, Cara7, CarlIQ, CEVT, DENSO, Ford, GM, Henshin Group, Hitachi America Ltd., Honda, IoTeX, ITOCHU, Kaula Lab, Mazda, Nissan, Olinda Solutions, NuCypher, ParkMyFleet, Peaq, Orico, R3, Reply, State Farm, Stellantis, TICO, Traent, USAA, and Vitesco.

Purpose of the DRIVES Program



Advancing VID Innovation

- To bring cross-industry stakeholders together to create standards and develop innovative VID use cases using [MOBI's Web3 Infrastructure \(Citopia and the Integrated Trust Network\)](#).
- To enable new business models, monetization, and incentive mechanisms for smart and low-carbon mobility.

Current Tasks



- » VID Standards Restructuring
- » MOBI Trusted Trip Standards Restructuring
- » EV and Battery Residual Value Use Case: Scoping

Completed Deliverables - Standards



Explore all MOBI Standards [here!](#)

- >> [MOBI Trusted Trip Credential: Business Requirements & Technical Specifications](#) (October 2021)
- >> [Battery State of Health \(SOH\) Business White Paper](#) (April 2022)
- >> [MOBI Battery Identification Number \(BIN\) Technical Specifications](#) (July 2022)
- >> [EV Battery State of Health \(SOH\) Value Chain Map](#) (February 2023)
- >> [Vehicle/Parts Maintenance and Repair Sub-Wallet Use Cases & Business Requirements](#) (February 2023)
- >> [VID I White Paper](#) (January 2021)

Completed Deliverables - Standards



Explore all MOBI Standards [here!](#)

- » [VID I Technical Specifications](#) (July 2019)
- » [VID II Ref. Implementation Architecture](#) (January 2021)
- » [VID II Use Cases & Business Requirements](#) (January 2021)
- » [CMDM Business White Paper](#) (March 2021)
- » [CMDM Technical Specifications](#) (January 2021)



Completed Deliverables - Pilots



>> [Citopia EV Charging Pilot](#)



Get Involved!

DRIVES Program calls allow members of the DRIVES Program Working Group to share updates on pilots and projects focusing on implementation, discuss upcoming tasks and identify potential use cases, and review deliverables as needed.

AM Meetings: 1st and 3rd week of the month on Thursdays @ 9 am PT

PM Meetings: 2nd and 4th week of the month on Wednesdays @ 4 pm PT

Contact MOBI Fellow Betul Kahya (betul@dlt.mobi) for an invitation





Thank You!