

# **Driving Innovation for Electric Vehicle Charging Payments**

EMVCo is a global technical body that helps make safe, reliable, and convenient payments\* possible anywhere in the world. It creates and manages EMV® Specifications and programmes, which provide a foundation on which secure and seamless payment products can be built.



EMVCo is collaborating with stakeholders across the electric vehicle (EV) ecosystem to explore how EMV payment technology can support a simple and consistent payment experience across multiple EV models and charging stations.

## The EV Charging Payment Challenge

Growing adoption of EVs marks a new era in global mobility, but the charging payment experience presents a speed bump. Drivers may need to register for multiple proprietary EV charging networks, causing unnecessary friction and inconvenience.



### How EMVCo is Exploring the Need for Open Payments

EMVCo is exploring how EMV open payments can offer drivers more flexibility when charging their EV by enabling them to pay with a card, while merchants can be confident that all drivers are able to pay for charging.



This involves evaluating how to integrate EMV-based open payments into the Plug and Charge experience defined in ISO 15118, the widely adopted global standard that specifies a digital communication protocol between the EV and the charging station.

## Join the Charge: Become an EMVCo Advisor

Active engagement and collaboration are key to EMVCo's proven model for creating and evolving globally adopted specifications.

Industry insight and expertise are crucial to ensure the specification addresses all relevant use cases and requirements, while enabling a seamless and secure payment experience across the entire EV landscape. This is why EMVCo is seeking feedback and input from EV industry stakeholders from around the globe, including:

- **EV** manufacturers
- **Charging station operators**
- **Electric mobility service providers**
- **EV** technology partners

If you represent one of these organisations, you are encouraged to become an EMVCo Advisor to fully engage with EMVCo and the broader EV industry on this important initiative. This empowers you to:

- Propose and influence new initiatives: Suggest and influence major work items.
- > Shape draft specifications: Review, comment and vote on draft specifications before official publication.
- Engage directly: Participate in Special Interest Meetings with other EV and payment organisations for in-depth discussions on defining open payments.
- Gain exclusive technology insights: Get the opportunity to participate in targeted technology engagement sessions.

Visit the EMVCo website and get involved



Demo - Exploring EMV® Electric Vehicle **Open Payments (EVOP)** 







