CASE STUDY

Ministry of Energy:
National Database of Public EV Charging Stations

The Challenge

No unified national view of the charging infrastructure

- Multiple charging-point operators, each working in its own system.
- There is no central, reliable source for charging-station data nationwide.
- Each operator must connect securely to the national repository.
- Compliance with an international standard for transferring charging data is required.

Background

Israel's Ministry of National Infrastructures, Energy and Water leads the country's preparation for the transition to electric mobility, including the deployment of public charging infrastructure.



The Solution

COMDA built a secured national repository for the ministry, enabling charging-point operators to connect and transfer data through a standardized OCPI protocol.

- Central repository for public charging-station data.
- Uniform OCPI protocol for all operators.
- Issuance and distribution of secure identification credentials for each operator.
- Structured onboarding process for new operators.



The Results

The first charging operators are already connected, and additional operators are in the process of joining.

Initial Operators Connected
The first charging operators are already connected to the national repository.

Standardized Expansion
Additional operators can be added through a uniform onboarding process.

Scalable Infrastructure
A secure, standards-based foundation supports continued nationwide growth.

Building a secure, reliable and scalable data foundation for Israel's electric mobility future.

