Wejo + Palantir: Catalyzing the Electric Mobility Revolution

The Palantir Electric Vehicle Infrastructure Operating System (EVOS) is powered by Wejo's exclusive mobility data. It enables federal and state agencies, automakers, charging network operators, retailers, utilities, and energy companies to build scalable, efficient, and profitable electric vehicle (EV) networks.

The EVOS is a secure, open, and universal platform. Through Palantir Foundry, the OS lets organizations integrate Wejo's billions of real-time connected vehicle data points with third-party and proprietary sources to extract relevant, granular views of mobility patterns. As a result, it empowers businesses across markets to take part in, and benefit from, the autonomous and electric future.

Wejo data supplies accurate insight into aggregated vehicle journey paths, vehicle powertrain and fuel types, and movement patterns of EVs and conventional vehicles.

- 16 billion data points per day in near real-time
- Network of 11 million live vehicles
- Exclusive mobility data through direct OEM partnerships
- Expansive coverage across both highly dense metropolitan and rural roadways
- First-class data security practices, ensuring proper data control and anonymization

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Delivering on the promise of connected vehicle data to improve the way we live, work, and travel for the better

Breaking down the biggest barrier to widespread EV adoption, the EV Infrastructure Operating System advances access to universal charging by helping organizations choose the best charging locations and optimize network use.

Charging Site Selection

- Locate sites for chargers in areas where EV charging demand is greatest
- Determine optimal size, type, and kWh capacity needed per charger
- Forecast kWh demand for EV charging in market
- Integrate with economic data to understand consumer buying patterns
- Calculate expected Return-on-Investment (ROI) for each location

Network Optimization

- Manage large networks of chargers at scale with operational tools built right from charger's IOT sensor data
- Monitor and improve performance of individual chargers by tracking uptime and integrating data on daily use and electricity costs
- Detect and prevent problems before they happen and perform automatic root cause analysis

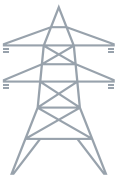
Use Cases

Automotive

Build and monitor EV charging infrastructure in key markets following new vehicle rollouts

Retailers

Prioritize investment at store locations that promise maximum expected ROI and customer satisfaction



Utilities

Understand how forecasted EV charging demand would affect wider grid networks

Contact your Wejo Sales Representative for more information

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