



Fleet Management for Electric Vehicles

ZeroMission was founded with a vision to accelerate Zero Emission Vehicle adoption through smart and practical software solutions to ensure mission success for day to day zero emission fleet operations.

We are a team comprising 30+ years of experience at the forefront of electromobility, power-energy infrastructure and software development. Working with and delivering solutions for leading organizations in the ZEV sector, such as ChargePoint, Siemens, ABM, Volvo Bus and Truck, Daimler, New Flyer, GILLIG, STM Montreal, New York MTA, SFMTA and Translink, we have built and pioneered the electric vehicle industry from a commercial and engineering perspective in North America and Europe.



PLAN

OPERATE

REPORT

SCALE



Fleet and Depot Management

The ZeroMission Operations Platform is a single screen, fully integrated operations monitoring solution for zero emission vehicle fleet management. The platform is powered by data integrations that bring together critical electric vehicle management information from each component of the operation and display it in an easy-to-understand format in one centralized location.

Operational Alerts

ZeroMission transforms operational data for all systems into actionable information. Real time Operational Alerts generated from integrated information allows for maximum vehicle and fleet utilization by eliminating operational disruptions that span across multiple systems. Comprehensive Alerts Reports have enabled our customers to locate sensitive areas of their operation and support OEM intervention or process improvements.

Vehicle Operations and Fleet Management

- ✓ See all multi brand fleet vehicles and types in a single dashboard with filtering options
- ✓ Assign vehicles to routes based on battery state of charge, route topography, traffic, temperature, load condition and prior performance.
- ✓ Determine real time vehicle assignments during the day based on SOC, range, load status, temperature and terrain etc
- ✓ See live vehicle alerts with AI decision supports

Charging and Depot Management

- ✓ View all vehicles and energy infrastructure across all depots for fast informed decision making.
- ✓ Charge and energy management for all vehicles and depots
- ✓ Optimise energy usage with dynamic charging calculations
- ✓ Observe and track all system wide operational issues and alerts

Data Analysis and Reporting

- ✓ Access all vehicle, charging, electrical system and dispatch data for detailed analysis
- ✓ Comprehensive analysis of historical issues and alerts for root cause and resolution
- ✓ Comparative analysis of non-EV vehicle data for EV comparison
- ✓ Measure and track energy usage and CO2 emissions for ESG reporting

Charge Management

The ZeroMission Charge Management System includes and expands upon typical CMS, which often exclude much of the critical operating data and the efficiency benefits of real time vehicle alerts, integrated scheduling information, and ongoing active resolution. The ZeroMission Operations Platform is designed to be compatible with any CMS.

Analysis & Reporting

Correlating data from multiple operational datasets provides a holistic view of an EV operation and enables performance tracking of key metrics, such as total cost of ownership and system utilization. Reports can be used to determine the efficiency of a given OEM, validate process effectiveness, or plan for future investments.