

How do you find **advanced vehicle**
Engineering and Integration **solutions?**

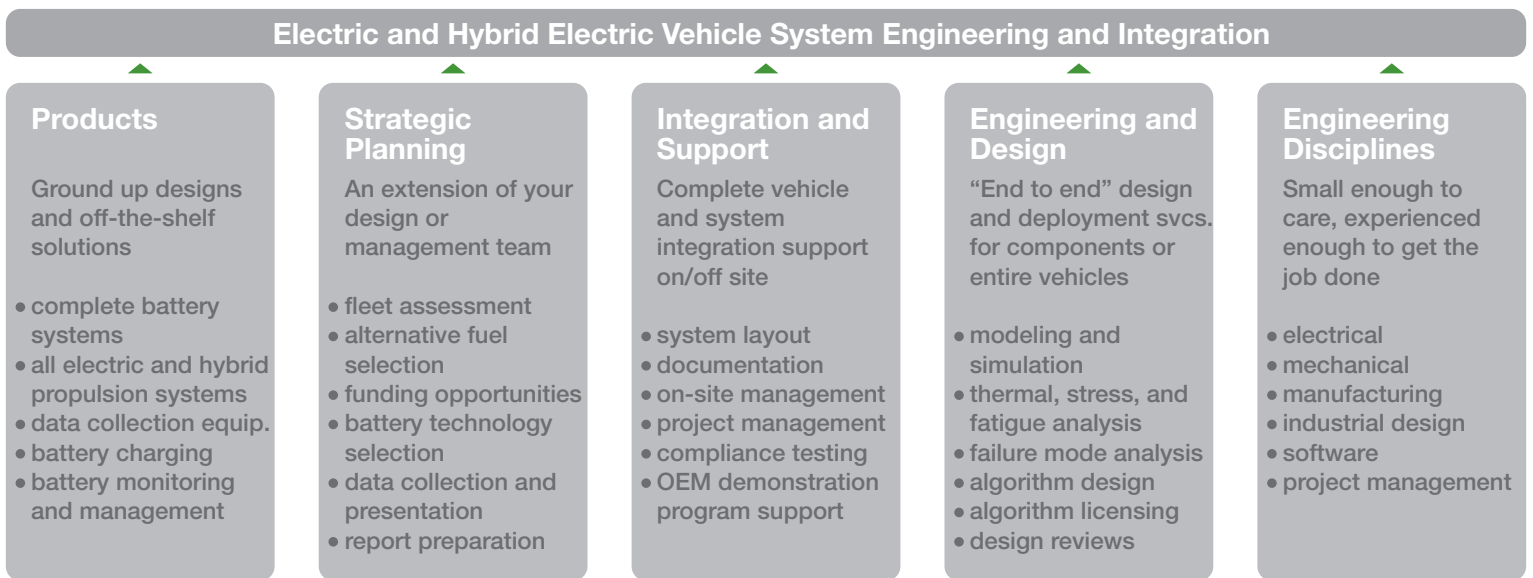
Choose a partner with **experience**,
Choose EMD.

EMD ElectroMotive Designs LLC

EMD - a uniquely experienced product development and support resource.

- ▶ **Vehicle Integration** over 15 years of hands-on experience in the integration and deployment of advanced drivetrain systems for many types of off-road, passenger and on-highway vehicles
- ▶ **Plug-in Charging Leader** EMD has its roots in building vehicle systems around conventional and advanced battery systems for all electric and hybrid electric vehicles that use **grid power** to offset fuel usage and airborne emission
- ▶ **Team is built on designers and engineers** with decades of experience inside companies creating and realizing products
- ▶ **Engineers are uniformly strong technically** with solid foundations applying engineering fundamentals
- ▶ **Follows an analytical approach to design** understanding the physics of the engineering problem drives the process
- ▶ **Senior project directors** each with more than 20 years experience delivering successful products
- ▶ **Engages in tight, fast paced projects** which still includes a disciplined process for design validation through analysis, verification testing and reviews
- ▶ **The EMD team is multi-functional.** Working on a project level, the EMD team includes industrial design, mechanical, electrical, transportation and software engineering resources.
- ▶ **Strong, long standing OEM & other manufacturing/prototyping relationships** developed & tested over many years & dozens of successful products
- ▶ **Authors of US and Foreign Patents** a highly innovative team with proven performance & record of success
- ▶ **Model Based Design** EMD is developing a core expertise in “end to end” model based design tools for testing, rapid prototyping, autocoding and deployment of electrical and mechanical system hardware
- ▶ **Problem Solving** strong history in participating as a project leader and sub-contractor for advanced vehicle development teams that have deployed vehicles using fuel cells, advanced internal combustion and a variety of unique engine/fuel/propulsion systems

The EMD Solution.



The EMD approach.



We value the discovery process where critical observations of the end-user and application details provide guidelines for the design and engineering development phases. Our interdisciplinary teams draw from extensive hands-on experience ensuring the deliverables are what the customer wants delivered in the most expeditious and cost effect manner.