



Electrified Propulsion & Actuation Engineering Experts

WHO WE ARE:

Drive System Design (DSD) specializes in the rapid engineering and development of electrified propulsion systems and associated technologies for eAero applications. As your strategic partner, we provide turnkey project services and award-winning expertise that you can trust.

WHAT WE DO:

Our decades of experience and simulation lead approach offers unparalleled proficiency in systems integration, efficiency enhancement and development testing of propulsion and actuation systems.

By leveraging our unique combination of cross sector knowledge and state-of-the-art tools and testing equipment, DSD can swiftly provide innovative and optimized solutions for the design, analysis and control of electrified powertrains. We help accelerate the prototype acquisition process across any application, domain or vehicle system.

ELECTRIFYING THE FUTURE OF FLIGHT:

Our team of experts will support your projects across key functions, including:



Electrified System Engineering Experts

- System level electrification expertise, across power generation, conversion and deployment
- Simulation lead methodology, using in-house and proprietary advanced software tools to span the system V



Multi-Attribute & Multi-System Optimization

- Power Density, System Efficiency and Sound Radiation Optimization
- Motor, Transmission, Power Electronics & Thermal system design, simulation and validation



Turn-Key Accelerated Prototype Acquisition

- From concept to developed prototype managed by a flexible and agile engineering team
- Rapid design release & procurement, with knowledge and IP transfer throughout



SCAN TO
CONTACT US