



Electrified Propulsion & Actuation Engineering Experts

WHO WE ARE:

Drive System Design (DSD) specialises in the rapid engineering and development of electrified propulsion systems and associated technologies for aerospace and eVTOL 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 optimised 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

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



Multi-Attribute & Multi-System Optimisation

- Power density, system efficiency and sound radiation optimisation
- Design, simulation and development testing of motor, transmission, power electronics and thermal systems



Turnkey Accelerated Prototype Acquisition

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



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