



Multi-Domain, Electrified Propulsion Engineering Experts

WHO WE ARE:

Drive System Design (DSD) specialises in the rapid engineering and development of electrified propulsion systems and associated technologies for multi-domain defence 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 DEFENCE:

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



Electrified Propulsion Engineering

- New and existing platform hybridisation and electrification
- Onboard power generation and conversion systems



Actuation System Development

- Autonomous operation and manned-un-manned-teaming enabling actuation systems
- Full hydraulic system design and development



Driveline System Design

- Transmission engineering from tactical vehicles to main battle tank cross-drive systems
- Full powerpack level system integration



SCAN TO
CONTACT US