



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 surface and submerged marine 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 OFF-HIGHWAY:

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



Driveline System Design

- Transmission engineering for complex construction and agricultural systems
- Turnkey prototype delivery of mechanical, control, actuation, build and test projects



System Electrification

- Existing vehicle or new platform hybridisation or complete electrification
- Strategic electrified product planning considering technology, market acceptance and infrastructure development



Actuation and Control System Development

- Electro-mechanical and hydro-mechanical actuation system design
- Autonomy-enabling propulsion and actuation control system development



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