



MARITIME SYSTEMS

Development, Integration & Sustainment



DCS Corporation delivers cutting-edge engineering, programmatic, technical and logistical support services to the Department of War and other national security-focused customers. We work closely with customers to facilitate the fast, safe, and reliable transfer of technology to the Warfighter. Our diverse customer base includes U.S. Army, U.S. Marine Corps, U.S. Navy, U.S. Air Force, Department of Homeland Security, Intelligence Agencies, and private industry.

Headquartered in Alexandria, Virginia, with 20 offices nationwide, DCS is 100% employee-owned. More than 2,000 employee-owners have broad technical expertise in research and development (R&D), engineering, test and evaluation acquisition/program management and field services. These skills enable us to support customer requirements in analysis, design, development, integration testing, training, fielding and sustainment.

CAPABILITIES

DCS specializes in addressing challenging and complex engineering and management issues in defense systems Research, Development, Testing & Evaluation (RDT&E), acquisition, and sustainment. Core technology areas include platform electronics; weapons systems; knowledge management; Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance (C5ISR); and sensors. We leverage our ISO 9001:2015-registered Quality Management System, CMMI Maturity



Level 3 processes for systems and software engineering, and apply our broad understanding of DoD 5000 regulations, program management strategies and product life-cycle support to meet increasing challenges in the acquisition and sustainment of complex military systems.

For more than 30 years, DCS has been a trusted partner of the U.S. Army on its ground vehicle and watercraft programs. Our team of technical experts understands Army systems, working side-by-side with customers in the Continental United States (CONUS) and Outside the Continental United States (OCONUS) to deliver capabilities that enable wheeled, tracked, and watercraft platforms to perform and support operational objectives.

DCS blends experience and innovation to deliver solutions and services to support the mission and goals of our customers. Our support services Maritime Systems include:

- Engineering analysis (SWaP-C, HFE, FEA, FMEA)
- System engineering design, development, integration and testing
- Rapid prototyping, including foundations, cable and harness
- Level III Technical Data Package development
- CAD modeling and Product Life-cycle Management (PLM)
- Vessel surveys, installations and retrofits
- System Operations Verification and Testing (SOVT) support
- Electromagnetic Interference (EMI)/Electromagnetic Compatibility (EMC) testing
- Training package development, New Equipment Training (NET)
- Antenna placement modeling & simulation coordination, Radiation Hazard support
- Spectrum Management Coordination, Development of Spectrum Supportability Risk Assessment (SSRA), and 1494s
- Military C5ISR and commercial maritime system integration
- Pier side services, logistics, and provisioning support

STATE-OF-THE-ART FACILITIES

DCS facilities include 10 state-of-the-art laboratories supporting customer R&D and prototyping efforts for the development and fielding of C5ISR systems and components. We make strategic investments in Independent Research and Development and laboratory equipment and facilities consistent with, or in anticipation of, customer requirements and needs.

DCS Systems Integration Laboratories (SILs) provide for the integration test of multiple requirements prior to platform integration—saving time and money by testing the feasibility of solutions in real-time. Our highly trained Field Service Representatives integrate and perform functional testing of all C5ISR equipment, custom cables and harnesses, and foundations in the SILs to ensure functionality and quality. Using our SILs, we can be certain that equipment is fault-free when kitted and shipped for installation. This allows us to meet customer milestones, on time and within budget.

DCS successfully performs C5ISR and maritime system installations for the U.S. Army Watercraft Fleet of Vessels:

- Logistic Support Vessel Classes 1 and 7
- Landing Craft Utility-2000 Class Vessels
- Small Tugs
- Modular Warping Tugs
- Causeway Ferries



THE DCS ADVANTAGE

The DCS emphasis on customer satisfaction and continuous improvement is evident in a corporate culture driven by employee empowerment, innovation, responsiveness, and professional excellence. We make significant investments in our employee-owners and emphasize customer satisfaction at all levels. Our work environment is grounded in uncompromising ethics and integrity—a time-tested value proposition benefiting customers and employees alike.

DCS technical teams execute leading-edge technical work at top DoD agencies and laboratories. We successfully build and maintain expert workforces, recruiting top technical talent from nationally recognized universities, transitioning military and industry.

DCS is meeting today's challenges and continuously preparing for tomorrows. We remain poised to respond to acquisition reform with the absolute need for independent thinking in acquisition strategies, system solutions, development and program execution. We continue to evolve and apply our technical expertise to support the development and fielding of increasingly complex ground vehicle and watercraft systems

