MC McGroder Consulting
DESIGN, UX, & APPLICATION SOLUTIONS

Services Statement

McGroder Consulting provides innovative technology solutions through design, UX, and software/systems engineering services to its clients. McGroder Consulting uses the latest tools, techniques, and best practices for building well designed and integrated systems, software applications, and user experiences for its clients. The founder Dennis McGroder has over two decades of software engineering, systems engineering, and consulting experience. This includes Software Design & Development, Systems Integration, Project Management, and Business Systems Analysis in the defense, modeling & simulation, consulting, research, education, and health science industries.

Mr. McGroder holds a BS in Computer Science and Mathematics, an MS in Applied Computer Science (in Biological Sciences), and an MBA, and has excelled in many capacities as Software Project Manager, Technical Lead, Defense M&S Analyst, Consultant, Business Systems Analyst, Software & Systems Engineer, and Computer Scientist.

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NAICS Codes
541511   Custom Computer Programming Services
541512   Computer Systems Design Services
541430   Graphic Design Services
541600   Management, Scientific, & Technical Consulting Services
518210   Data Processing, Hosting, & Related Services
519130   Internet Publishing & Broadcasting & Web Search Portals
611420   Computer Training

Unique Entity ID	CAGE Code
Z9E3FNKAHUD5	749F1

The mission of McGroder Consulting is to provide innovative technology solutions for the improvement of federal, defense, education, and research organizations and their capabilities, dedicated to customer satisfaction, achievement, and growth.

Service Offerings | *Consulting services are offered in the following areas:*

- **Design** | responsive web design and development, graphic design, digital publishing
- **UX** | user experience (UX) and user interface (UI) design, user research, human factors
- **Applications** | software & application solutions, training & courseware, mobile app development, and proof-of-concept & prototyping services

Portfolio | *Previous professional experience and employment includes contracts, projects, and work for the US Office of the Secretary of Defense, the US Navy, the US Army, defense industry firms, Roswell Park Cancer Institute, and Medaille College.*

- **Online Training Scenario for Homeland Security Degree Program** | Designed and developed a web-based training scenario for the Homeland Security Online Bachelor Degree Program's capstone course at Medaille College in Buffalo, NY. Teams of students ran the scenario in real-time over five weeks to complete their degree, which featured storm emergency response, terrorist, hazmat, and rail accident events that required role-playing and response actions.
- **Modeling & Simulation Strategic Planning & Development** | Consultant for DoD M&S Coordination Office (M&SCO), under the Office of the Secretary of Defense (OSD), with a focus on M&S data strategy development and aligning department wide M&S activity and development with DoD's Net-Centric Strategies.
- **Joint Command & Control System Programs** | Systems Engineering Consultant and Subject Matter Expert for Army PMO supporting Joint C2 Programs, in coordination with Defense Information Systems Agency (DISA). Supported C2 systems engineering, web services design, legacy C2 systems migration, Joint Mapping Toolkit capability, simulation-based capabilities, and prototyping for DoD's plans for operational web services.
- **Navy C4 Team Training System** | Technical Project Manager for development of CTTS, the first simulation-based training application released as an operational part of the Navy's Global Command and Control System-Maritime (GCCS-M) within the DoD's common operational environment.
- **3D Molecular Modeling for Cancer Research** | Systems Manager and Lead Designer-Developer for 3D molecular modeling and simulation applications and 3D-stereo visualization techniques for cancer research applications, supporting a group of eight research scientists at Roswell Park Cancer Institute.

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