

**Falconwood is agile, effective, and innovative in meeting our clients' missions, applying our depth and breadth of experience.**

Established in 2002, Falconwood is a veteran-owned, woman-owned business that has grown to over 300 highly technical experts. All of our professionals maintain minimum SECRET clearances, with ~37% possessing TOP SECRET and ~17% with SCI eligibility. Over a dozen commands and twenty major Acquisition Programs (ACAT/BCAT I-III) have relied on Falconwood's expert guidance to manage some of their largest and most complex technical programs, operations, implementations, and transitions.

We help solve our clients' most difficult challenges through a combination of deep technical expertise and sound consulting, blended with tested operational experience.

## Falconwood's Value

CMMI Services Level 3 Rated  
90%+ employee retention rate  
DCAA Approved Accounting System  
Industry-certified, highly skilled IT Professionals holding a wide range of certifications to include:

- PMP, Agile, Scrum
- ITIL, LSS, DAWIA
- Cybersecurity (CISSP, CISM, CASP, Security+, CEH)
- Navy Qualified Validator Levels I, II, and III
- Cloud (Azure, Amazon Web Services, Google, Oracle)
- Technical (CCNA, Citrix, RHCSA, Linux, Splunk, VMware)

*Falconwood has successful past performance across multiple prime contracts, as well as various subcontracts. We have "Exceptional" CPARS ratings that include performance in Cybersecurity, Systems Engineering, Program Management, Acquisition, Cloud & Enterprise Migration, and Web Development.*

## SERVICES

Acquisition Management  
Cloud Solutions  
Cybersecurity  
Data Science & Business  
Intelligence  
IT Logistics Management  
IT Service Management  
Program & Project Management  
Systems Engineering & Modeling

## CONTRACT VEHICLES

Seaport-NxG  
NIH CIO-SP3  
GSA Multiple Award Schedule

## CODES

NAICS Codes:  
541330: Engineering Services (Primary)  
511210: Software Publishers  
518210: Data Processing, Hosting, and Related Services  
541511: Custom Computer Programming Services  
541512: Computer Systems Design Services  
541519: Other Computer Related Services  
541611: Administrative Management and General Management Consulting Services  
541715: Research and Development in the Physical, Engineering, and Life Sciences

CAGE Codes: 1Y9H1, 979D1  
UEIs: JVMNF4DN5XT7  
E9K1H2NZ9NU9

## Falconwood's Systems Engineering & Modeling Service

We empower clients with the seamless implementation of digital engineering. Our Systems Engineering and Modeling services are crafted to ensure that information systems and networks are meticulously designed to capitalize on agency architectures and IT standards. This guarantees optimal interoperability with other systems and networks, positioning your organization for success in a rapidly evolving technological landscape.

Through our model-based system concepts, we engineer systems for reliability and maintainability, strategically leveraging commercial off-the-shelf technology and organizationally available resources for cost-effective solutions. We go beyond conventional approaches, drawing on lessons learned and industry-leading products to deliver quantifiable and quality benefits to our clients.

### OUR CLIENTS

DON LOG IT  
DON OPNAV  
DON PEO Digital  
DON PEO MLB  
USMC PMW 230  
USN NAVIFOR  
USN NAVSEA  
USN NAVWAR  
USN PMW 240  
USN PMW 250  
USN PMW 270  
USN USFF

### Summary of Experience

- Developed/refined the technical requirements and deliverables of systems architecture
- Created and maintained system models using MBSE environments and tools
- Developed models to represent system architecture, behavior, and interfaces
- Ensured traceability between requirements and system models
- Collaborated with multidisciplinary teams to refine system architecture
- Conducted simulations to validate and verify system behavior
- Lead or participated in engineering reviews, ensuring that stakeholders also thoroughly understand system models
- Performed risk, performance, and reliability assessments for system analysis
- Integrated models from various domains to ensure a holistic view
- Ensured adherence with established standards, instructions, and policies
- Incorporated best practices for systems engineering into the modeling process
- Reviewed models for accuracy and consistency
- Customized MBSE tools to meet specific project or organizational needs
- Stayed updated on the latest features and capabilities of modeling tools
- Implemented version control and configuration management of models
- Provided access to training on MBSE methodologies and tools

### WHAT WE DO

Define processes to manage and provide governance for Digital Engineering

Formalize the development, integration, and use of models  
Use models to inform enterprise and program decision making

Provide an enduring, authoritative source of truth  
Incorporate technological innovation to improve the engineering practice

Establish a supporting infrastructure to perform DE collaboration

Transform the culture and workforce to adopt and support digital engineering across the lifecycle

Establish modeling patterns and best practices

Share knowledge of digital engineering techniques

*Falconwood has proven history of expediting post-contract award transition and contract start timelines, aiding our mission partners in cost savings and contract risk avoidance. Further, we continue to successfully aid our clients in overseeing awarded contract requirements today.*