ENGINEERING AND PROGRAM MANAGEMENT

BOWHEAD
AN ALASKA NATIVE COMPANY

Engineering the Future Today

Bowhead's Engineering and Program Management division delivers mission-critical solutions across three core domains: comprehensive engineering services, full-spectrum program management, and advanced IT and professional services.

Drawing on more than 25 years of proven support to the Federal Government, our integrated approach combines deep technical expertise with program leadership discipline and cutting-edge technology capabilities.

We apply this extensive experience to develop tailored solutions that meet the unique challenges of each mission, whether supporting complex defense programs, developing enterprise systems, or managing critical operations. Our specialized engineering talent and program expertise ensure mission success across the full operational lifecycle.

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ENGINEERING SERVICES

- Systems and Domain-based Engineering
- Modeling and Simulation
- Model-Based System Engineering (MBSE)
- Logistics and Sustainment Engineering
- Test and Evaluation Services
- Systems Integration and Interoperability
- Prototyping and Rapid Development
- Configuration Management
- Systems Architecture
- Enterprise Data Management
- Lifecycle management and sustainment

PROGRAM MANAGEMENT

- Program Planning and Scheduling
- Strategic Planning and Policy Analysis
- Earned Value Management
- Requirements Analysis
- Budgeting, forecasting, and financial management
- Range Management
- Administrative Support
- Risk analysis and Risk Management
- Quality Assurance and Compliance
- Change Management
- Acquisition and Procurement Management
- Workforce Training and Development

CERTIFICATIONS

- CMMI SVC/3
- PMP Certified Program Managers
- DoD 8140.01 IAT/IAM Level I-III Certified Personnel
- Certified Information Systems Security Professionals (CISSP)
- ISO 20000-1 / ISO 9001:2015
- Certified Ethical Hacker (CEH)
- Cyber Security Analyst (CySA+)
- Certified Scrum Master, ITIL V4
- Agile Certified Professional (ICP)
- Navy Qualified Validators
- DoDAF / System Architects

IT AND PROFESSIONAL SERVIES

- Cyber Operations
- Cybersecurity Solutions (RMF, Cyber Ready)
- Information Assurance and Compliance
- Network Engineering
- Network and Systems Administration
- DevSecOps
- IT Systems Integration
- Cloud Computing and Data Management
- Network Design and Management
- Software Development and Maintenance
- IT Infrastructure Support
- IT Training and User Support
- Enterprise Architecture Development
- Data Analytics and Artificial Intelligence
- Intelligence Analysis
- ISR Collection Management

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UIC
GOVERNMENT SERVICES