



## Aquila Technology

Aquila is a small business serving federal customers through the delivery of technical and engineering professional services. Our committed professionals are passionate about the security and defense sectors, delivering technology solutions that reflect our deep technical acumen and industry expertise. Our range of expertise includes design, implementation, and on-going sustainment—along with security and policy development for cyber solutions, data centers, and networks. Aquila has been providing Information Technology and Cyber Solutions since 1987.

## Core Capabilities Summary

Aquila ensures its clients own the advantage, providing technology solutions and skilled teams to help manage challenges faced by the defense and cybersecurity sectors, and other government entities. Key areas of competency include:

- ☑ Cyber Security
- ☑ Systems Engineering, Administration + IT Support
- ☑ Information Assurance
- ☑ Network Engineering
- ☑ Software Design and Development
- ☑ Test and Evaluation

*(Over for detailed breakdown)*

## Past Performance

- Federally Funded Research and Development Center (FFRDC): Designed Asset Management System (AMS) and managed its ongoing maintenance. Designed Network and Link Emulation Testbed (NLET) and managed its ongoing maintenance. Reengineered Malcode Defense Testbed (Project C) and managed continuous enhancements and maintenance.
- Defense Advanced Research Projects Agency (DARPA): HFORCE communication prototype
- Army Warfighter Information Tactical (WIN-T) Program: Designed, procured, support a hybrid private cloud and physical emulation testbed
- Army Warfighter Information-Tactical (WIN-T) Program: Designed, procured, ongoing support of mobile” version testbed for deployment at the Army’s APG, MD research facility and other field sites
- National Geospatial-Intelligence Agency (NGA): Special Operations Command (SOCOM) Software Development Services
- Federal Aviation Administration (FAA): Reengineered SASS (Small Airport Surveillance Sensor) Testbed infrastructure design, program testing, ongoing maintenance
- Dept. of Navy (DON) Underwater Communications: Reengineered technical infrastructure
- Office of Naval Research, Information Assurance/ISSO detection, mitigation of adverse action and reconstitution of outputs on mission applications

## Our People

Aquila’s comprehensive Talent Acquisition Program is central to our organizational strategy. We ensure acquisition of high-caliber talent through our dynamic approach to recruitment, which includes an incentivized referral program, multiple licenses for recruiting and compensation tools, and a robust applicant tracking system for maintenance and documentation of candidates

### A few stats...

- ✓ Retention rates average 90%
- ✓ 100% of our employees hold a DoD TS/SCI, Top Secret (TS), or Secret (S), security clearance
- ✓ 100% of our technology experts have over 15 years of experience

## Working with Aquila

### Small Business

**GSA Schedule 70**— GS-35F-005GA

### Network Centric Solutions II (NETCENTS -2) - Network Operations (NetOps) and Infrastructure Solutions

Sub to MicroTech (Prime Contract No.: FA8732-14-D- 0021)

### NAICS:

- 541330 Engineering Services
- 541511 Custom Computer Programming Svcs
- 541512 Computer Systems Design Svcs
- 541513 Computer Facilities Mgt Svcs
- 519190 All Other Information Svcs
- 541519 Other Computer Related Svcs
- 541690 Other Scientific & Technical Consulting
- 541611 Administrative Mgt and General Mgt
- 518210 Data Processing, Hosting, & Related Svcs
- 541712 Research and Development Physical, Engineering, Life Sciences
- 541519 Other Computer Related Services

**DUNS:** 627887243 | **CAGE Code:** 3UBZ8

**Defense Industrial Base (DIBNet) Member**

## The Aquila Advantage & Our Core Capabilities

- Proven success in rapidly delivering staff augmentation solutions comprised of unique IT skillsets, including cleared (TS/SCI and above) personnel to support classified work.
- Developer of solutions that provide tools and infrastructure to support R&D, vulnerability and penetration testing, digital media forensics, and malware analysis through independent, stand-alone, isolated testbeds and mobile virtualized data centers.
- Inherent accountability through our team. We're a team that owns the results and gets the work done right, the first time, by deploying smart, purposeful solutions that work.

### Cyber Security –

- Software and Systems Analysis
- Penetration Testing
- Incident Response
- Real-time monitoring
- Risk Mitigation
- Forensic Analysis
- Vulnerability Assessment
- Vulnerability Management

### Test and Evaluation –

- Development of testing and evaluation programs
- Operational testing and evaluation
- Testing exercises
- Data collection and post-testing analysis
- Documentation
- Certification testing
- Reporting

### Systems Engineering, Administration + IT Support –

- IT enterprise infrastructure engineering + design, lifecycle management and services
- Budgetary, procurement support and deployment services
- Business continuance assessment, design and management
- Datacenter consolidation/physical to virtual (PtoV) engineering and operational services
- Desktop engineering, software lifecycle management, endpoint management
- First-level, second-level and top-level helpdesk/end-user support. Identity/PKI management
- Data lifecycle management/knowledge management

### Network Engineering –

- ☒ Network engineering + operational support and monitoring
- ☒ Mission critical traffic prioritization and dynamic policy development, implementation and support
- ☒ Software-defined networking, engineering, and support
- ☒ Enclave, physical isolation, high assurance/COMSEC/CRYPTO management
- ☒ Private and public cloud planning, deployment and lifecycle management
- ☒ Network border protection/intrusion detection systems engineering and management

### Information Assurance –

- Policy support, e.g. DFARS, Risk Management Framework (RMF)
- IS certification, accreditation process management (DIACAP, RMF, C&A, A&A, etc.)
- Monitoring with integrated first responder incident response
- Technical (e.g. STIGS) and non-technical (e.g. policy) controls
- Evaluation of policy and gap analysis
- Policy development, implementation and verification/validation
- Policy controls/compliance, assessment and ongoing compliance monitoring
- System audit, review and continuous monitoring automation.
- Leverage existing or new IT systems for continuous application and verification
- Automated continuous monitoring systems and management

### Software + Design Development –

- Base to applications-level programming and test integration
- Application of project management methodologies including Agile and Scrum
- Application development and optimization Code reuse and tool integration
- Requirement assessment, development and management
- Web application development/re-development including responsive design, web technology modernization
- Code analysis and vulnerability assessment services
- Quality assurance and QA process management
- Software packaging and release management

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