


About Us	Certifications	Services
<p>Small, minority owned IT services company with over 10 years of experience in hardware, software, and systems architecture.</p> <p>Contact: Marcellus Major Jr. Chief Executive Officer mmajor@agetechology.com 410.309.3316</p> <p>Headquarters Avant-Garde Engineering Technology 10015 Old Columbia Road Suite B-215 Columbia, Maryland 21046</p> <ul style="list-style-type: none"> • DUNS #:556864812 • CAGE Code: 41DG7 <p>www.agetechology.com</p> 	<ul style="list-style-type: none"> ❑ SBA 8(a) ❑ Minority Business Enterprise ❑ Disadvantage Business Enterprise ❑ Small Business Enterprise <p style="text-align: center;">NAICS</p> <ul style="list-style-type: none"> ❑ 518210 – Data Processing, Hosting, and Related Services ❑ 541511 – Custom Computer Programming Services ❑ 541512 – Computer System Design Services ❑ 541513 – Computer Facilities Management Services ❑ 541519 – Other Computer Related Services ❑ 541990 – All other Professional, Scientific, and Technical Services ❑ 561210 – Facilities Support Services 	<ul style="list-style-type: none"> ❑ Cloud Computing ❑ Virtualization ❑ Cross Domain Solutions ❑ Requirements Definition ❑ Design ❑ System and Software Architecture ❑ Application Development ❑ Java/J2EE ❑ C/C++ ❑ Scripting ❑ .NET ❑ Microsoft SharePoint System Administration ❑ System Deployment ❑ Database Design and Management

Products

- Cloud Security Gateway (CSG)
- SharePoint Assured File Exchange (SAFE)

Services

- Software and System Design
- Build and Deliver CDS solutions on certified Intel X86-64 platforms
- Application integration
- Training
- 24x7 Operations support
- Certification and Accreditation Assistance

Customer
Federal Agency

Avant-Garde Engineering Technology(AGe), LLC
National Security Agency(NSA)

As the Prime contractor on the NetCentric Security Technology (NCST) contract, AGe supports the NSA's primary objectives of researching and developing technologies and high assurance/trusted platforms targeted for the Information Assurance (IA) component of the Global Information Grid (GIG) integrated architecture. Of the six GIG capability areas, AGET supports Assured Information Sharing (AIS). Under the NCST Support contract, AGe staffed the project with technical resources with TC/SCI security clearances, skilled the areas of system architecture, software engineering, network engineering and systems engineering to provide design, development and integration services for the SharePoint Assured File Exchange (SAFE)/SAFE Transfer Agent (STA) system and the **Cloud Security Gateway(CSG)**.

Accomplishments and Performance

Major accomplishments under this contract include:

- 1) **Designing, developing and deploying a CSG** to two operational sites;
- 2) **Successfully assisted NSA personnel to achieve PL4 testing certification for the CSG and adding CSG to the UCDMO baseline;**
- 3) Designing, developing and deploying an updated SAFE/STA V. 2.0 to a production system, successfully sharing SharePoint document library artifacts between three SharePoint 2007 sites/farms;
- 4) Performing updates and fixes to SAFE, V.1.0, in support of deployment efforts within test networks in theater/combat zones; and
- 5) Successfully deployed SAFE V.2.0/STA and AFT V.1.3 domain solutions.

According to client monthly evaluations, AGe was evaluated as meeting/exceeding all assigned technical requirements. As evidenced by performance indicators of no schedule delays or growth overruns and high evaluation ratings, AGET is a low-risk provider.

**Customer
Federal Agency**

**Concurrent Technologies Corporation(CTC), LLC
National Security Agency(NSA)**

As a subcontractor to CTC on the Interboundary Secure Information Sharing (ISIS) contract, AGe supports the NSA's primary objectives of developing a new cross domain system, the Next Generation Cross Domain Solution(NGCDS) and maintaining legacy cross domain solutions such as **Cloud Security Gateway**, SharePoint Assured File Exchange, Electronic Mail Inspection and Sanitization Tool, and Assured File Transfer. Under the ISIS contract, AGe staffed the project with technical resources with TC/SCI security clearances, skilled the areas of system architecture, software engineering, network engineering and systems engineering to provide design, development and integration services.

Accomplishments and Performance

Major accomplishments under this contract include:

- 1) Successfully designing developed major enhancements to the **Cloud Security Gateway** to include:
 - Support for six domain data exchanges
 - Support for Simple Network Management Protocol(SNMP)
 - Increase message throughput to 3000 requests per second
- 2) Developed a CSG security assessment briefing for presentation at the Cross Domain Technical Advisory Board(CDTAB) in support of CSG2.1 security and accreditation.
- 3) Successfully assisted NSA to achieve Risk Assessment Rating for CSG version 2.1
- 4) Successfully designed and delivered a CSG Test and Evaluation System using KVM virtualization software to the Technology Integration Center(TIC), Computer Systems and IA Product Evaluation team in Ft. Huachuca, AZ

According to client monthly evaluations, AGe was evaluated as meeting/exceeding all assigned technical requirements. As evidenced by performance indicators of no schedule delays or growth overruns and high evaluation ratings, AGe is a low-risk provider.

**Customer
Federal Agency**

AT&T

AGe provides technical services to AT&T in support of Enterprise services such as Intelink, tools, technologies and information repositories, spanning three levels of networks: Unclassified, SIPRNet, JWICS. AGe staffed the project with technical personnel with Top Secret SCI clearances that are skilled in developing MS SharePoint applications using the .NET framework, C++, MS SQL Server, and MS Service Broker Queue.

Accomplishments and Performance

Major accomplishments under this contract include:

1. Designed, integrated, deployed, maintained and administered the SharePoint Assured File Exchange (SAFE) solution into the Intelink suite of services.
2. Designed a system that enables the transfer of data from the following networks: Unclassified to Secret, Unclassified to Top Secret, and Secret to Top Secret.
3. Built a demonstration environment using VMware virtualization software.
4. Deployed and configured stand-alone MS SharePoint (Enterprise 2010 and 2013) Farms acting as source and destination site collections and communicating with separate MS SQL Server (2008 and 2012) database instances.
5. Provided MS SharePoint Farm system administration support. AGET personnel retrieve tasks from the Intelink ticketing system to solve site administrator problems and monitor the MS SharePoint web front-end and farm servers for optimal performance.
6. Supported a user base of over 150k users and 11,000 sites on the Unclassified network, 204K users and 12,000 sites on the SIPRNet and 204K users and 21,000 sites on JWICS.

According to client monthly evaluations, AGe was evaluated as meeting/exceeding all assigned technical requirements. As evidenced by performance indicators of no schedule delays or growth overruns and high evaluation ratings, AGET is a low-risk provider.

**Customer
Federal Agency**

**Leidos (formerly SAIC)
Defense Security Service(DSS)**

AGE provides technical services to Leidos in support of DSS application modernization efforts . AGE staffed the project with technical personnel with Secret clearances that are skilled in developing JAVA/J2EE web applications.

Accomplishments and Performance

Major accomplishments under this contract include:

1. Successfully designed and deployed the Industrial Security Facilities Database(ISFD) thereby enabling DSS personnel to manage companies participating in the Industrial Security Programs as a result of being awarded classified contracts.
2. Successfully designed and deployed the Defense Investigative Index(DII). The DII system serves as the central repository that identifies investigations conducted by DoD investigative agencies and personnel security determinations made by DoD adjudicative authorities.
3. Designed and documented the system architecture in conformance to DOD/IEEE 12207 standards to support the development and deployment of the ISFD, and DCII Systems. The architecture for each system leverages JAVA Enterprise Edition (J2EE) and redundant Sun midrange and high end servers and storage.
4. Successfully installed and configured a multi-tier, high availability production platform for the ISFD and DCII. The environment that consisted on the following commercial products Oracle RAC relational database, Oracle WebLogic application server, and the Oracle Information Application Server.

According to client monthly evaluations, AGET was evaluated as meeting/exceeding all assigned technical requirements. As evidenced by performance indicators of no schedule delays or growth overruns and high evaluation ratings, AGET is a low-risk provider.

Overview

- Avant-Garde performs classified processing using a partner SCIF
- NSA accredited TS/SCI SCIF
- 24x7 SCIF Access

Communications

- NSAnet
- JWICS connectivity via NSAnet
- VoIP phones and fax/scan capabilities

Computing

- TS/SCI server rooms
- Classified Workstations

Overview

- The 8a Contracting Vehicle allows the federal government to identify a unique product and/or service being offered by an 8a company and directly contract with that firm by utilizing a sole source authority.

How to use the SBA 8(a) Contracting Vehicle

- When utilizing sole source, it is incumbent on the agency to write a justification that establishes a basis for utilizing a specific 8a firm rather than going to traditional contract solicitation route. The 8a program is administered by the Small Business Administration (SBA) and is a preferred method of contracting to support the use of small businesses. Each agency at the federal and DOD level has an OSDBU office that can provide detailed assistance in the use and application of the vehicle. In addition, Avant-Garde Technology understands the process and is able to provide guidance as well.

Benefit & Advantages of using the SBA 8(a) Contracting Vehicle

- Streamline acquisitions process
- Supports mission readiness... alleviates 60-90 days acquisition time
- Ability to award contracts up to \$4.0 million
- Allows an Agency to develop a partnership with a company that meets the current needs and has the ability to grow with the Agency
- Obtainment of 8(a) small business goals
- Expedited negotiations

Steps

1. The Government Program Manager (PM) develops a Statement of Work and secures funding.
2. Having chosen Trinity to perform the work, the PM submits a Procurement Request to his/her agency Contracting Officer (CO).
3. The CO sends an Offer Letter (including agency contact person's name, telephone, e-mail address and FAX) and a Statement of Work (SOW) via email to Valerie Robinson at valerie.robinson@sba.gov requesting permission to conduct sole source negotiations with AGe. (AGe will have already alerted the Business Opportunity Specialist to expect the package in order to expedite the process.)
4. The SBA confirms eligibility of AGe and authorizes the negotiations –usually within 48 hours.
5. The CO sends AGe a Statement of Work and a Request for Proposal (RFP) or Request for Quotation (RFQ).
6. AGe submits a proposal to the Government Program Manager and CO for evaluation.
7. The CO negotiates with AGe.
 - Simplified Acquisition efforts do not require a technical proposal; the CO sends RFP to AGe requesting cost proposal; upon receipt, CO negotiates cost and terms with AGe.
 - If the estimate exceeds the Simplified Acquisition Threshold, the CO sends RFP to AGe requesting technical and cost proposals; upon receipt, CO negotiates cost and terms with AGe.
8. Upon completion of negotiations, CO prepares a contract award document and sends to AGe for signature.
9. Upon receipt of the fully executed contract from the CO, the contract period of performance begins at the stated date in the contract





*Concurrent
Technologies
Corporation*



NORTHROP GRUMMAN

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