Capability Statement

A·G e

Avant-Garde Engineering Technology

Avant-Garde Engineering Technology (AGE) is 8(a) STARS minority owned IT services firm with a very experienced partner network.

We are experienced in designing information systems, Cloud Computing, Agile, DevOps and Cross Domain Solutions featuring Partnerships with Amazon Web Services, Microsoft Azure and Google Platform.

Our team has established a reputation for high-quality service and commitment to our clients. We view each client as a partner and see each engagement as a unique opportunity to make a positive impact at the individual, organization, national and international levels.

CERTIFICATIONS

- SBA 8(A)
- 8(A) STARS
- Minority Business Enterprise
- Disadvantage Business Enterprise

CAPABILITIES

Virtualization

Cloud Computing

Cross Domain Solutions

Agile Software Development

Microsoft SharePoint

Requirements Definition

Agile Software Development

Big Data, Data Science & Data Analytics

Enterprise Application Re-Platforming

Mission Systems App Dev & App Migration

Enterprise DevSecOps Automation

Test Automation

CONTRACTS

National Security Agency

Defense Security Services

DUNNS#: 55684812

CAGE Code: 41DG7

CONTACT

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A·G·e

Avant-Garde Engineering Technology

Company Highlights

Avant-Garde performs classified processing using a partner SCIF

VoIP phones and fax/scan capabilities

NSA acredited TS/SCI SCIF

24x7 SCIF Access

NAICS Codes

541511 541512

541513 541519

541330 541611

541621 541690

237130 334310

334118 334220

423430 518210

541990 561210

CLIENTS

Australian Government

Department of Defence

Company Highlights

National Security Agency

As the Prime contractor on the NetCentricSecurity 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, AGE 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 & Performance

- **Designing, developing and deploying a CSG** to two operational sites;
- **Successfully assisted NSA personnel to achieve PL4 testing certification for the CSG and adding CSG to the UCDMO baseline;**
- 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;
- Performing updates and fixes to SAFE, V.1.0, in support of deployment efforts within test networks in theater/combat zones; and
- Successfully deployed SAFE V.2.0/STA and AFT V.1.3 domain solutions.

Company Highlights

Concurrent Technologies Corporation(CTC), LLC

National Security Agency (NSA)

As a subcontractor to CTC on the Inter boundary 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 & Performance

- Successfully 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
- Developed a CSG security assessment briefing for presentation at the Cross Domain Technical Advisory Board (CDTAB) in support of **CSG2.1 SABI security and accreditation**.
- Successfully assisted NSA to achieve Risk Assessment Rating for CSG version 2.1.1
- 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

Company Highlights

Leidos (formaly 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 & Performance

- Successfully designed and deployed the Industrial Security Facilities Database (ISFD) there by enabling DSS personnel to manage companies participating in the Industrial Security Programs as a result of being awarded classified contracts.
- 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.
- 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 RDMBS, Oracle WebLogic application server, and the Oracle Information Application Server.

Customers...

Australian Government
Department of Defence

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