AAC Services and Solutions

Solutions	Capabilities
Network Engineering	Infrastructure, engineering, design, administration, program management, process management, customer support, operations, and maintenance
Convergence	Integrating voice, video, data, and other traffic onto a consolidated network infrastructure, program management, process management, customer support, operations, and maintenance
Security	Network, wireless, information assurance, program management, process management, customer support, operations, and maintenance
Application Development	Architecture, design development, testing, and deployment for business and web applications, program management, process management, customer support, operations, and maintenance

Quality and Process Certifications

Certification	Level
ISO	9001:2000
ISO/IEC	20000-1:2005
ITIL	Foundation and Practitioner
PMI	Project Management Professional (PMP)

Technical Certifications

AAC Holds Certifications From:
Cisco, Microsoft, IBM, Sun, Citrix, and VMware

Partial Client List

Market	AAC Clients
Federal	Federal Aviation Administration Federal Communications Commission Federal Deposit Insurance Corporation National Institutes of Health United States Air Force United States Army United States Department of Agriculture United States Department of Transportation United States Navy U.S. Department of Housing and Urban Development
State and Local	City of Annapolis, MD City of Fairfax, VA City of Richmond, VA Commonwealth of Virginia Town of Herndon, VA Town of Leesburg, VA
Education	Fairfax County Public Schools Fauquier County Public Schools Frederick County Public Schools Louisa County Public Schools
Healthcare	Fauquier Hospital Martek Biosciences Corporation National Library of Medicine Peninsula Regional Medical Center

Contracts

Agency	Contracts	Eligibility
GSA	Schedule 70B	Federal
GSA	Alliant Small Business GWAC	Federal
U.S. Navy	SeaPort-e	U.S. Navy
NIH	Blanket Purchase Agreement	NIH
U.S. Army	ITES-2S	Federal
U.S. Army	IMOD	Federal
State of MD	CATS	State/Local
State of LA	CSSA	State/Local
Fairfax County, VA	Network Technical Support	County
Fauquier County, VA	Network Services	County

AAC Inc.
8470 Tyco Road
Vienna, VA 22182

703.918.6300 voice
703.918.6305 fax

www.aac.com

Balancing Risk and the Right Solution

Network and Communications Solutions for DoD and Civilian Agencies

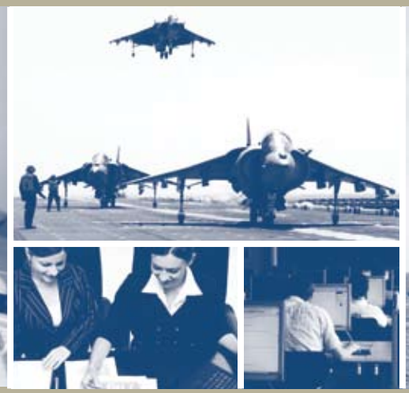
Network Focused. Solution Driven.[SM]

Specialists in Government Networking.

Four Challenges, One Dilemma: Generalizing the challenges confronting federal organizations is a very risky proposition. But certainly, they all face four types of issues:

- Providing access to applications, data, and services that enable agencies to operate more effectively
- Assuring the availability, trustworthiness, and privacy of resources
- Documenting the security of systems and the effectiveness of programs
- Meeting standards for governance and financial oversight

Within these categories, each agency has vastly different networking requirements. Those specific needs (combined with the four challenges above) point to the real dilemma facing government organizations—How do they balance their need for custom network solutions with an acceptable level of risk?



The Right Balance Requires The Right Partner

AAC helps agencies find a balance between risk and the right solution with a progression of qualifications:

- Specialized in networks and all related technologies
- Experts in IP infrastructure and telephony
- Past performance in both DoD and Civilian agencies
- Strong bench of senior engineers
- Certified for quality and engineering best practices
- Equipped with agency-specific policies and procedures
- Adept in compliance with FISMA and OMB requirements

Individually, these qualifications constitute the portfolio of proficiencies we bring to bear on our customers' challenges. Together, they enable us to help agencies:

Offload the burden of day-to-day support for processes, users, infrastructure, maintenance, and management

Augment their personnel with immediate access to certified engineering expertise

Complement their capabilities with technical leadership, trusted advice, and knowledge transferred from commercial applications

Protect their information by enforcing their policies for access, security, continuity of operations, and disaster recovery

Address specific requirements such as personnel retention, document management, online services, teleworking solutions, etc.

Ensure compliance while doing any or all of the above

Practical Solutions for Federal Agencies

AAC provides the engineering expertise and manpower agencies need to meet their unique networking challenges. We help agencies address their requirements with tested approaches, proven best practices, and tailored solutions based on COTS technology.

Project by project, over time, we lay the foundation for operational effectiveness and security with our expertise in engineering IP networks. We build on that foundation with our core competencies in:

- Unified communications
- Enterprise infrastructure

These competencies draw as needed on our capabilities for designing, building, operating, and managing networks:

- Data
- Voice
- Video
- Applications
- Information Assurance/Security
- Program Management
- Process Management
- Customer Support/Help Desk
- Operations and Maintenance

We ensure the quality and timely delivery of all these capabilities with ITIL, ISO 20000, and ISO 9001:2000-certified best practices and technical certifications from Cisco, Microsoft, IBM, Sun, Citrix, VMware, the Computing Technology Industry Association (CTIA), and other organizations.

Real-World Knowledge Proven In Past Performance

AAC has over 25 years of experience serving government agencies. This past performance means we understand not just technology, but how government agencies actually operate.

Here are just a few cases that illustrate how we combine our technical capabilities with real-world knowledge to help our customers build toward highly effective performance:

National Library of Medicine (NLM): Operations and Maintenance Support

Under three separate competitive awards since 1986, AAC designed, built, and continues to support NLM's data communications network. Originally, AAC researched technologies, evaluated products, recommended an architecture, assisted in acquisition, then designed and implemented the infrastructure. Today, AAC provides ongoing support for the NLM LAN/WAN, remote access, systems administration, messaging systems, desktops, network monitoring, and management. AAC also helped NLM plan and set up a consolidated co-location facility.

Federal Communications Commission (FCC): Essential Online Services

Since 1994, AAC has managed the infrastructure the FCC uses to auction broadcast spectrum. AAC is responsible for evaluating, planning, designing, deploying, administering, and trouble-shooting all of the networks in the system. AAC also provides IT security, wireless communications, Microsoft support, disaster recovery, and business continuity for primary sites and backup sites in Washington, DC and Gettysburg, PA. During its tenure, AAC has helped the FCC realize cost savings through consolidation, accelerate testing with a virtualized test environment, and maintain high availability with no internal or external intrusions.

Navy Personnel Command (NPC): StayNAVY

On its StayNAVY website, the NPC encourages sailors to stay in the service with tools and information they can use to plan successful naval careers. It uses a state-of-the-art Navy Retention Monitoring System (NRMS) to anticipate reenlistment behavior and manage the enlisted force. The NPC has engaged AAC for five years to manage and maintain all of the network infrastructure supporting both the StayNAVY site and the NRMS. AAC is the prime contractor on this engagement for overall system availability, day-to-day administration and maintenance, testing, system modifications, configuration management, backup, disaster recovery, user support, documentation, compliance, and other responsibilities. AAC will also work to integrate the StayNAVY site and NRMS tools with other related programs of the NPC CIO.

US Army Reserves Command: Response Readiness

In 2007 teams of AAC network engineers started deploying all over the continental U.S. to completely upgrade the LAN and WAN infrastructure at the top 70 Army Reserves locations. This multi-year project is being lauded by the Reserves as the most painless installation they've ever experienced. AAC technicians pre-stage the equipment, apply standardized configurations, affix the DoD required MIL-STD-130 Item Unique Identification (IUID) labels, conduct IUID readability verification tests, and then ship the equipment to the site. Our network engineers meet and inventory the equipment at the site, install the equipment, perform cut-over to the new system, and conduct comprehensive tests and acceptance before obtaining DD-250 sign-off and moving on to the next site. Our back-office personnel then registers the equipment with DoD's wide area workflow system (WAWF) for invoicing, receipt, and acceptance.

Each site realizes immediate benefit in the speeds at which the activities can now communicate. This enhanced ability to communicate greatly increases each unit's mission preparedness posture. On top of this new network infrastructure, AAC has recently piloted three sites in Texas with a state-of-the art Voice over IP solution based upon Cisco unified communications technology.

SPAWAR Systems Center New Orleans (SSC NOLA) MRRS

AAC designed and implemented an updated architecture for the Medical Readiness Reporting System (MRRS) development team to track medical readiness of the Navy and Marines. Prior to implementation, AAC performed analysis and provided a technology roadmap to ensure a smooth transition to the new architecture. Once the system was in place, the MRRS development team could track medical tests, immunizations, injury cases, and medical disabilities over one network. AAC implemented a three-tier architecture using the J2EE implementation of Oracle 10g to manage this system, which operates in limited bandwidth or no bandwidth environments. AAC also used Oracle Lite for program and data synchronization, replaced Oracle Reports with Jasper Reports, and converted the server based PL/SQL triggers to Java code.

AAC