



AAMCORE Inc.

Overview

AAMCORE Inc. is a Service Disabled Veteran Owned (SDVO) business which has been also been designated as a HUBZone firm by the Small Business Administration. AAMCORE is a “One Source” business providing operationally focused, integrated technology services in a rapidly changing operational environment. AAMCORE Inc. provides operational services and technology applications which organizations need to stay effective in a rapidly changing IT/IS/KM environment. Our management expertise includes leaders who have managed technology services for the largest of government organizations.

AAMCORE Leadership

AAMCORE’s leadership has been providing best of breed technology solutions to our clients for over three decades. Our management team has run some of the largest technology integration and solutions ever presented to the government. Our leadership has also been on the other side of the desk so we believe that we know and understand your challenges and needs. Our goal is to become your true business partner.

Multicasting Technologies

AAMCORE Inc. offers a new cost-effective patented technology, Interactive Multicast, Reliable and Secure (IMRS) to bring video and audio content to users through the Internet. The IMRS solution is built upon standard Internet Protocols for multicasting content through Internet Service Providers’ (ISP) networks to a variety of Internet accessible end-user devices including desktops, laptops, pocket PCs, cell phones, etc. Multicast is a scalable paradigm for transmitting data from a sender (content source) to a large group of receivers (content subscribers). Multicast incurs lower network and end-system costs compared to broadcast to the entire network or Uni-casts to individual receivers. Although the Internet Protocols support multicast delivery, they do not guarantee reliable delivery of multicast data. Some of the multicast data sent from the content source could be lost in the internet and not reach all the subscribers. Lost data can result in poor viewing and user dissatisfaction. To overcome this Internet loss problem, IMRS uses new scalable mechanisms for reliable delivery of multicast data from the source to all the subscribers. IMRS also includes mechanisms to tunnel multicast data through Internet Service Providers that do not yet support Internet Multicast.

IMRS video/audio content delivery has been successfully tested under a variety of network scenarios spanning wired and wireless subscribers, single and multi-domain

networks, and native and tunneled Internet multicast. The test cases have adequately demonstrated both the necessity of loss recovery as well as the capabilities of the IMRS technology to recover from loss, even under high loss rate, in a timely manner. The hierarchical nature of the loss recovery process of this solution makes it highly scalable. IMRS supports a variety of useful features including the capability to transmit and receive content on multiple channels, a user-friendly channel control, and the ability to switch channels with channel flipping delays of 3-6 seconds. Furthermore, multicast data may be sent and received at different rates to allow subscribers to adapt to their available network bandwidth.

Business Process Outsourcing Services

AAMCORE Inc. combines its industry expertise, process experience, and operations knowledge to perform the critical business processes that support your agency, enabling you to concentrate on the challenges and opportunities of your core functions. We offer front office, operations and back office BPO services including information systems, human resources, finance/accounting and other business functions or departments. We focus on people and the best-of-breed technologies, allowing your agency to focus on its core tasks. Using best-of-breed applications we deliver your data and services in the format you need, when you need it. Stay focused on what is critical to your success--your core business. Improve operations and ROI. Reduce overhead costs. Streamline staffing and administration costs & management.

Consulting / Integration

AAMCORE Inc. Consulting and its stable of Core Technology Advisors, and affiliates, provide consulting and integration services. Comprehensive services include development of enterprise-wide information system strategies, design and development of custom applications, system integration and identification of areas of process improvement and industry best management practices (BMP). Our Core Technology Advisors can help you define your overall technology needs, as well as define the interface and system requirements for each piece of hardware and software. AAMCORE Inc. will take you from the development of requests for proposal (RFP) all the way through systems evaluation. Once this initial process has been completed, AAMCORE Inc. Consulting serves as your in-house MIS Department and provides system management and support for all hardware and software systems in your IT department as well as evaluates, manages, maintains and installs hardware and software applications throughout your enterprise. We also design and manage the installation of local and wide-area networks and associated applications. Working together, we will help you understand how all systems will potentially impact business operations and profitability.

Procurement

Our flexible procurement services are designed to meet the needs of customers who require custom solutions but who lack the resources to do it themselves. Core services include:

- Sourcing & Purchasing
- Distribution management
- Tracking
- Through bulk purchasing, we have strong negotiation power with leading hardware and software vendors and OEMs, thereby negotiating low rates for technology acquisition to reduce your overall system and technology costs.

We also offer additional cost and risk reduction options such as hardware leasing. Our distribution services provide coordinated distribution of hardware and equipment coast-to-coast throughout the U.S. Our asset tracking services enable you to keep record of the equipment shipped to your sites and confirm its delivery.

Configuration & Staging

AAMCORE Inc. provides a full array of configuration and staging services that prepare hardware and software for shipment to its final destination for installation. Our configuration center offers custom configuration services as well as application loading and testing, site-specific database builds, staging and burn-in services. Equipment that has been configured and tested correctly ahead of time reduces system down time, translating into reduced costs. AAMCORE Inc.'s comprehensive configuration services include:

- Application Loading & Testing
- Staging
- Burn-In Services
- Redistribution Services
- Depot Maintenance Shipping & Collection

Project Management

Successful implementation of hardware and software in a multi-unit environment requires a clear definition of requirements and a well managed and coordinated rollout schedule and plan. AAMCORE Inc. management team has supported some of the largest technology rollouts in the industry. Our experienced project managers identify systems and site requirements, design program parameters, develop training schedules and plans and coordinate implementation and support teams. AAMCORE Inc. can manage an entire roll-out (technology acquisition, installation, integration, training, ongoing support) or AAMCORE Inc. can function as part of your roll-out team and provide selected technology implementation services to make your roll-out a success.

Technology Implementation

AAMCORE Inc. core affiliates have provided technology implementation services at numerous sites globally. We take care of all of the details-from creation of a site-specific database at each site, to hooking up systems hardware, loading software, to interfacing and testing hardware and software. We also take care of any last minute changes to applications, software, or hardware. Last, but not least, we test your new system to ensure that all applications and hardware are working properly.

Training

AAMCORE Inc. delivers training solutions in all formats and media to provide the access, interactivity and flexibility you need. Training is delivered online and through a variety of other media including traditional instructor-led. AAMCORE Inc. training services focus on technology systems and applications used in the areas of business management, data management, security operations, access control, and system design and control. AAMCORE Inc. develops industry-focused training applications from a proven distance education learning platform, which streamlines the development, organization and management of online instruction.

Documentation

AAMCORE Inc.'s experienced documentation team draws from operational knowledge of the industry as well as technical expertise. We work with you to develop documentation that is flexible and meets your audience's exact instructional or education needs. Documentation products include:

- Reference guides
- Software manuals
- Training guides and materials
- Student workbooks & training exercises
- Pull down help menus
- Quick access guides,
- Roll-out project books

All documentation products are comprehensive and user friendly.