



# ENTERPRISE

## S O L U T I O N S



KAYA provides Enterprise Solutions to facilitate the vision, objectives, and goals of our clients with high-quality and cost-effective technology services. We fulfill a wide range of clients needs, including Information Technology (IT), Geospatial Data Services, and Software Development Services.

KAYA provides a broad range of IT services for DoD, NASA, and other agencies. We are well versed in network and communication security protocols and provide data backup and recovery solutions as well as network security, including Information Assurance (IA) and DIACAP implementation. We provide database development and administration on both Oracle and MS SQL. KAYA employees provide on-site computer support services, windows and UNIX server installation and management, workstation and software support, and video teleconferencing management. KAYA administers and maintains a Government-owned server enclave at our corporate office for the US Army Space and Missile Defense Command.

KAYA offers comprehensive geospatial data services including integrated Geographic Information Systems (GIS) support. Experienced data collection teams are able to operate both survey and mapping grade GPS data collection equipment and post processing software in order to meet client's data collection needs. Our custom-built applications integrate existing business systems with geospatial data to create a database driven, web-based enterprise solution. KAYA provides Computer-Aided Design and Drafting (CADD) support including preliminary and final as-builts, document management, and document repository solutions. Our experience in producing and managing a wide variety of geospatial data, business systems, and custom applications results in appropriate, quality products for our clients.

KAYA provides software development services that fulfill a wide range of client development needs. Following our Software Engineering processes, KAYA works with our clients from initial requirements through design and analysis, coding, implementation, training, and maintenance, to deliver the appropriate products and services that meet the client's needs while delivering high quality at minimal cost and delivery times. KAYA excels at these services due to our broad range of experience from database design and development through application design and development (web or desktop) all performed within our Software Engineering processes.

### Information Technology Services

- Network design / administration
- Database administration
- Help Desk solutions
- Information assurance
- DIACAP implementation
- Hosted Government data cloud

### Spatial Data Services

- Data collection, processing, and standardization
- GIS mapping, spatial analysis, and turn-key solutions
- CADD support
- GIS / CADD interoperability
- Imagery processing
- Applications development and hosting

### Software Development Services

- Database design and development
- Web 2.0 application design and development
- Desktop application design and development
- Software engineering
- Mobile app development

### Software Tools

- ASP, ASP.NET, AJAX.NET, PHP, C#, VB.NET, HTML
- MySQL, MS SQL, Oracle
- AutoCAD®, MicroStation®, ArcGIS™, ArcServer™



## Representative Projects

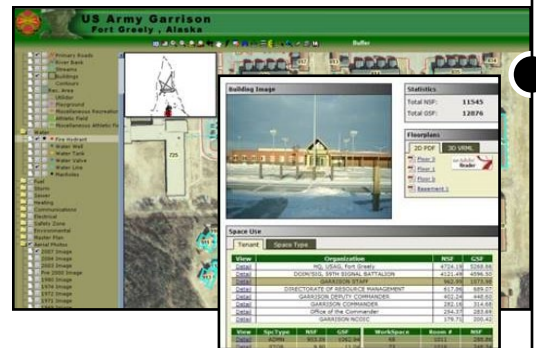
### Information Technology Support to the US Army Combat Readiness/Safety Center--Fort Rucker, AL

KAYA develops safety-related management information systems and provides a full range of IT infrastructure support to the US Army Combat Readiness Center/Safety Center (USACR). We perform a full range of Information Assurance support for USACR, including disaster recovery, continuity of operations, contingency planning, remote monitoring, intrusion detection, security design, and secure Video Teleconferencing. KAYA provides extensive Network Support to USACR, including full network and telecommunications infrastructure support, office automation support, and seat and asset management. We monitor and respond to complex hardware and software problems, including network server support. We provide USACR with in-depth Business Process Reengineering support, performing extensive analyses of business cases, workflows, functional requirements, and gaps in processes. KAYA also supports non-IT services such as training, including network-based training execution and training development.



### Fort Greely Enterprise Geographic Information System (GIS)—Fort Greely, AK

KAYA collected and created all GIS data for Fort Greely, including converting 200 hardcopy maps into vector data and creating 50 different data layers from those maps. We created customized Interactive web maps using the GIS data, allowing users to easily create and print detailed, user-definable maps. A web portal was created for the entire installation to use as a central repository for scheduling, task tracking, document sharing, and floor plans. The site also includes a Master Plan module with the Master Plan Digest, Installation Design Guide, and GIS figures.



### Yuma Proving Ground (YPG) Enterprise GIS—YPG, AZ

KAYA was contracted by the Sacramento Corps of Engineers to provide the YPG Directorate of Public Works with 43 geospatial data layers and an Enterprise Geographic Information System (EGIS). The EGIS will support the Real Property Master Plan Digest and Installation Design Guide, also being developed by KAYA. All data is housed locally at KAYA's corporate headquarters in Huntsville, Alabama and is located on a hardened DoD- and DIACAP-approved enclave. KAYA is developing a Web Viewer for the EGIS system that is accessible over SSL using 128-bit encryption, and conforms to AR 25-2 password protection mechanisms. All software development is performed using a defined software engineering work flow that provides analysis, design, unit testing, integration testing, and deployment processes. The Web Viewer will provide a User Interface to link GIS objects to various data from multiple business systems in use by YPG, such as IFS, ISR, and the Environmental Hazards Database.

