

Geospatial Consulting Services

MAXIMIZING BUSINESS RESULTS

AN AVINEON GIS SOLUTION



SW-CMMI Level 3, ISO 9001:2000

GIS PROJECT PLANNING AND EXECUTION SUPPORT

SERVICE BENEFITS

- Professionally delivered on-site or remote services.
- Dedicated to enhancing client skills, knowledge, and abilities in geospatial and IT technology.
- Domain expertise in natural resource, defense, homeland security, utilities and other markets.
- Focus on implementation and execution of strategies key to project success.
- Technology experience across multiple software platforms.
- Adherence to emerging standards such as OGC maximizes platform independence while leveraging COTS applications.
- We team with you to guarantee your success.

THE CHALLENGE

Today's businesses are facing a myriad of advanced IT, communications, and GIS technologies with proven value for operations. Wireless networks, field-based systems, open geospatial standards, web services and service-oriented architectures, location-based services, and other new developments are changing the way people manage geospatial information.

Any organization undergoing modernization and transformation must determine if, when, and how to take advantage of these technologies.

That's where Avineon can help.

Avineon's combined knowledge in the IT and geospatial areas has been effectively applied to helping clients manage and implement GIS projects. Our unique approach balances existing investments in GIS (people, processes, and tools) with new technology integration focused on making GIS pay off in both efficiency and user satisfaction.

Our unified processes enable consultants to work closely with client technical and management staff and to focus on solving key business needs.

AVINEON'S SOLUTION APPROACH

Avineon offers a full range of geospatial consulting services including the following:

- Strategic Planning
- Needs Assessment
- ROI Analysis
- Implementation Planning
- System and Database Design
- Data Modeling
- GIS Analysis
- Project Management
- Specialized Documentation
- Training
- Application Hosting

We employ a structured system development methodology for geospatial consulting services and can provide support for the complete project life-cycle or for a single task.

The key to our support lies in our people. Avineon's professional staff is dedicated to advancing the use of geospatial technology; over 100 experienced IT/GIS professionals are ready to solve your needs. Their specializations include project management, cartography, database designers/developers, GIS developers, and GIS analysts.



WHY CHOOSE AVINEON AS YOUR SERVICE PROVIDER?

Experience

- PEPCO Enterprise GIS
- US Marine Corp Training
- Naval Flight Information Group
- US Census Bureau

Process

- Structured Planning, Design, and Implementation Support Services

Partners

- ESRI
- AutoDesk
- Bentley
- Intergraph
- GE Smallworld
- Miner & Miner

Warranty

- One year performance guarantee on all products and services

GEOSPATIAL CONSULTING SOLUTION DETAIL

Strategic Planning - Project design support identifying critical process steps, funding requirements, integration needs, and documentation necessary to ensure system success and user adoption.

Needs Assessment - Supporting the evaluation and specification of IT/geospatial requirements by helping clients clearly define system, data, interfaces, development, training, and maintenance needs.

ROI Analysis - Cost benefit analysis to determine investment strategy, cost recovery, and other quantitative and qualitative costs and benefits of the proposed solution.

Implementation Planning - Determining and documenting an effective sequence of events and rollout strategy for project planning, implementation, and maintenance.

System and Database Design - Clearly defining system and database architectures by implementing structured system design principles.

Data Modeling - Implementing database design approaches and tools such as the Unified Modeling language (UML), object, and object-relational modeling.

GIS Analysis - Using COTS GIS software to produce products requiring complex process modeling, visualization, rendering, 3D and multi-media, and virtual reality.

Project Management - Provisioning and staffing critical management functions using seasoned and certified project management professionals.

Specialized Documentation - Focusing on core user documents, system and software manuals, procedure guides, and custom maintenance and administration processes.

Training - Delivering instruction in system use and management by platform certified trainers. Custom course development using instructional system development processes, web-based training, and classroom delivery.

Application Hosting - Web and database warehousing. COTS and custom application hosting services.



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