



GeoNorth Business Solutions



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*Value through
integration and innovation*

Business solutions are only successful if used and maintained. This requires good planning and design. GeoNorth offers a comprehensive suite of business analysis and information architecture services to help you assess your situation, define your requirements, set measurable and attainable project specifications, develop cost-effective implementation plans, and build organizational commitment to the success of your project.

We offer a full range of business solution services such as:

- Strategic Planning
- Requirements Definition
- Feasibility and Cost/Benefit Analysis
- Implementation Planning
- Project Planning and Management
- Data Modeling and Database Design
- Best-Practice Analysis
- Full Scale Website Design and Development
- Application Hosting Services **NEW!**
- Data Conversions/Migrations/Integration
- Training
- Situation Analysis and Needs Assessment
- Conceptual Application Design
- Usability Assessments
- Business Process Analysis
- Group Facilitation and Consensus Building
- Benchmarking and Pilot Projects
- Cost Recovery Planning
- Application Development and Maintenance
- Database/Data Warehouse Development
- E-Commerce
- Technical Support



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GeoNorth Business Solutions

GeoNorth is dedicated to helping our clients be more efficient and effective through the pragmatic, strategic, and innovative use of Web-Based, GIS, Database, Mobile App, and other Information Technologies.

We Are Staffed With Expertise

Our team of Project Managers, Programmers, Analysts, Developers, and Technicians combine for hundreds of years of industry experience. Their use of industry-leading technology enables them to design and develop a wide array of applications tailored specifically to the client's individual need. All have significant hands-on experiencing completing major projects, and they receive the most current technical training available, continuously. Collectively, they have the breadth of knowledge needed to plan and develop complete solutions. They also understand the limitations of specific technologies, and know how to integrate them quickly and effectively. There is a dynamic team structure within GeoNorth's staff, and a culture based on interaction, communication, and mutual respect. This talent pool yields the best possible solutions for our clients. Our knowledge resources are vast, and our team environment encourages the sharing of that knowledge.

Service Philosophy

GeoNorth believes that success starts with first understanding your needs and challenges. The experienced staff at GeoNorth will work closely with you to determine a plan of action that considers both your present and future needs. GeoNorth listens. We work with your organization to assess the current situation, understand your problems, learn about your goals, determine needs, and help you visualize solutions. It is not enough to focus on the end goal. As projects progress, things change. Needs change. Available resources change. Even the original end result may change as the path to that result is explored. GeoNorth remains flexible throughout the entire process, incorporating the art of small task achievements, or steps to the bigger picture, which is why we focus on the best approach to help you achieve your immediate and future goals.

GIS (Geographic Information Systems)

GIS applications are tools that allow users to create interactive searches, analyze spatial information, store and edit data, create maps, and present results of all of these operations. Today, ESRI (Environmental Science Research Institute) is the leading provider of GIS core technologies. GeoNorth has been an ESRI Business Partner since our inception for products and services including ArcInfo, ArcGIS, ArcIMS, ArcSDE, ArcObjects development, and more. GeoNorth is intimately familiar with the latest GIS technologies and products. We have developed customized solutions for clients as well as commercial software packages based on ArcGIS technologies.

The types of solutions GeoNorth has developed include:

- GeoDatabase Design
- Data editing, maintenance, and productivity tools
- Map production tools
- Query, analytical, and reporting applications (desktop and Internet)
- GeoProcessing
- Enterprise GeoSpatial server applications

Web Development

GeoNorth's highly skilled analysts and developers have proven experience developing web-based applications using tools such as ASP.NET, Visual Basic, C#, ColdFusion MX, HTML, DHTML, XML, Java, JSP, Flash, Flex, and Ajax. We have experience developing web services and Rich Internet Applications (RIA) using tools such as Flex and REST based API's. We also specialize in developing Database-Driven Internet GIS and web-enabled GIS/Database applications, as well as Database-Driven websites that are flexible, elegant, yet easy to maintain through administrative interfaces and Content Management Systems like Drupal.

Database

GeoNorth's expertise in database design, development, and technologies is the foundation of our information systems development and consulting services. It enables us to deliver solutions rapidly which are flexible, scalable, extensible, and easy to administer. This includes spatially enabled databases, and desktop and web applications that are data-driven. Our programmers design and develop experience includes systems built on Microsoft Access, FoxPro, SQLAnywhere, SQL Server, Oracle, and Sybase, and PostgreSQL deployed in desktop, networked, and web environments.