



GIS

SDR, Inc

Bridging existing records of management systems and databases with the benefits of a Geographic Information System (GIS) is a specialty of SDR. This may mean working with your staff to craft applications to leverage existing investments or create realistic implementation goals with measurable success.

Planning

Effective research, analysis, and planning are the keys to determining and defining GIS user needs. This insight helps us understand the resources, culture and technology in place. SDR also focuses on:

- Organization Evaluation
- Strategic Plans
- Cost/Benefit Analysis
- Database Designs
- Conversion Strategies
- System Integration
- Existing System Critiques
- Feasibility Studies
- System Specifications
- Management Control Process
- Vendor Assessments
- Follow Up and Review

Design

SDR's insight into the ways geographic models function for utility, commercial, and government applications permits a tighter and smoother integration of existing data and resources into targeted systems. If a system does not possess adequate tools or data structures, SDR will design and develop new tools and structures to ensure the most economical and responsive system implementation.

SDR's experience with database structures includes extensive work with spatially seamless and object-oriented models. Our staff was among the nation's first to employ implicit graphical data associations to eliminate much of the overhead and costs associated with database construction and application performance. Not only do we consider the effectiveness of initial system performance, but we focus on the ease of system maintenance and flexibility of future growth and data migration. The results are optimized application and databases that are transported easily to a variety of systems and platforms as needs evolve.

Approach

We have found that the numerous options and approaches for implementing these complex systems have left many users not realizing the full potential of their systems or spending unnecessary amounts of time and money on their development. To fit the varying needs of our clients, SDR continues to research and build new, robust solutions with emerging technologies for new clients to explore.

We believe that this frank approach best serves our client's interests. SDR is sensitive to political and economic constraints and will build a solution to fit within these parameters. But SDR is not interested in purposely self-perpetuating our interests by designing plans and systems that will not fit your needs over the life of your system. When SDR is your consultant and planner, you do not surrender project control - you gain control.

SDR build solutions!

