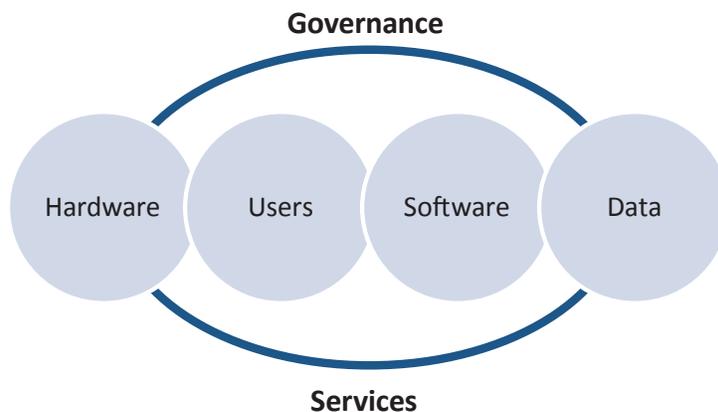## Sierra Systems

GEOSPATIAL DATA MANAGEMENT

Adding geospatial information as an extension to your current business data lets you visualize that data, leading to better decision making, and improved business processes.

With over two decades of experience in providing geospatial data management solutions, Sierra Systems brings data visualization capabilities to your business data, resulting in cost-effective data management, smooth workflow, and operational excellence.

The depth of experience retained by Sierra within the geospatial data community has been widely recognized time and time again with large scale projects ranging across Canada's government agencies as well as within the private sector.

SIERRA'S SOLUTION

Previously, organizations had few options when it came to managing geospatial data; the tools drove the business, rather than the business driving the solution. However, at Sierra we move beyond seeing GIS tools and understand the business processes that require them. We offer a comprehensive system approach to geospatial implementations that ensures any organization can maximize its GIS investment.

Our Industries

Government
Justice and Public Safety
Health
Energy
Commercial

What is GIS?

A geographic information system (GIS) integrates hardware, software, and data for capturing, managing, analyzing, and displaying all forms of geographically referenced information. GIS allows us to view, understand, question, interpret, and visualize data in many ways that reveal relationships, patterns, and trends in the form of maps, globes, reports, and charts. A GIS helps answer questions and solve problems by looking at data in a way that is quickly understood and easily shared.

Source: www.gis.com

Governance

Hardware   Users   Software   Data

Services

Benefits

- Facilitates the shift from storing geospatial data to a data management culture
- Promotes the use of the right technology to solve the business problem
- Empowers users to be self sufficient with information and data needs
- Creates business value based on a solid information platform
- Restores confidence in the accuracy and quality of geospatial data
- Integrates spatial data across the enterprise, for true location intelligence
- Enhances business value of a BI investment

Learn More

To learn more about Sierra Systems' solutions for geospatial data management, contact us:

contact@sierrasystems.com
1-877-688-1371
sierrasystems.com

More from Sierra Systems

Further research papers, case studies, and briefs are available from our digital library:

SIERRA'S SERVICES

Sierra's geospatial solutions go beyond just tools. Our methodology supports all areas of the organization from executives to front line staff. Our application of organizational governance, spatial data management, and associated software technologies allows Sierra to deliver the expertise and implementation skills to deliver successfully location based solutions that provide real benefit.

SOLUTIONS					
Strategic Direction	Governance	Geospatial Technology Office	Geospatial Data Management	Location Intelligence	Technology Services

SERVICES		
Management Consulting	System Integration	Managed Services
• Strategy / Change Management • GIS Technology Office	• Data Management Development • Implementation Services	• Application Management Services • AMS Consulting

SIERRA'S SUCCESS

BC Ministry of Agriculture and Lands - Integrated Land and Resource Registry (ILRR)

Project
- Manage 260+ land based interests on BC Crown land
- Manage integrated Crown land cadastral fabric for BC
- Support all resource based ministries within BC
- Report all land management conflicts for better decision making

Profile
- Sierra led a consortium that successfully introduced the integrated land registry fabric
- Consolidated information from 222 public agencies (granting agencies)
- Large business process re-engineering component
- Effectively deployed a legal integrated fabric
- Viewer technologies allow interaction of redlining and queries
- Data acquirer approach to retrieve information from 14 inventory systems
- Technologies used included Esri, Oracle, Java

Results
- Legal Crown land registry
- One window approach to application referrals, adjudication and other Crown lands/ resource services
- Leading edge integrated natural resource information system for BC
- Re-engineered *Front Counter BC* (one stop citizen window for land information)
- Integrated/managed/deliver provincial and resource information on behalf of client agencies to public, corporations and private citizens of BC