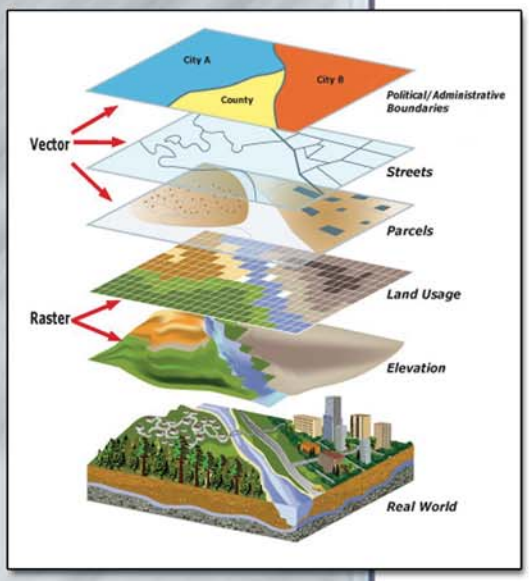
INFORMATION SERVICES

COUNTY OF SAN BERNARDINO

Information Services Department

"Delivering products and services that exceed expectations"



Geographic Information System Services

GIS is more than a map — it is a strategic direction.

GIS, at its core, is simply the graphical representation of tabular data that ties geographical information together with other kinds of information, such as census data and warehouse inventory lists. Proper utilization of a GIS can deliver helpful applications like the popular internet-based driving directions and interactive mapping systems widely available today.

The expanding capabilities and flexibility of GIS design will eventually make it an essential part of every commercial or government enterprise.

As a long-term partner with Environmental System Research Institute (ESRI), we at Information Services are committed to helping San Bernardino County serve its customers in the most effective way possible. We continue to meet that commitment through exploring and implementing GIS solutions based upon ESRI's industry-leading tools, software, and infrastructure.

As always, we strive to provide the solutions necessary to meet the requirements of today while proactively seeking the technology and methods that will be essential in solving the problems of tomorrow.

We invite you to talk with us and together we will find the perfect GIS solution for you.

Datasheet

GIS Services:

- Aerial Imagery
- Custom Maps
- Demographic Data
- GIS Web-Based Mapping Applications
- GIS Data/Custom Data Analysis
- GIS Data Hosting
- FTP Hosting
- Google Earth Enterprise Server
- Geocoding Client

Infrastructure:

- ArcGIS Server
- Google Earth Enterprise Server
- Mobile GIS
- ArcPad
- Oracle Spatial Database
- Microsoft Windows
- Internet Information Server
- Linux

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Geographic Information System Services Datasheet

Aerial Imagery
Entire San Bernardino County NAIP 1 meter natural color in ECW format
GeoTiff format of urban imagery
4,735 sq. miles of urban natural color - 1' resolution
Stereo Pair Imagery
Custom areas can be accommodated

Custom Maps
We produce beautiful, functional maps for virtually any project. Showcase your vision from over 130 available layers, in either electronic or hard copy formats.

Demographic Data
We offer comprehensive population and demographic reports, market research and profiles, business locators and summaries, mapping of major shopping centers, tapestry segmentation, traffic counts, and site maps with custom details.

GIS Web-Based Mapping Applications
Our development team can build rich Web GIS applications based on the newest technologies of ArcGIS Server and Silverlight that are highly scalable and Enterprise ready.

GIS Data/Custom Data Analysis
We offer essential GIS layers in the formats you need: Shapefiles, File Geodatabase, XML Workspace, and KML. We can provide specialized reports; data filters; advanced queries; data collection, automation, and maintenance; and we employ skilled GIS technicians who assist with GIS data automation needs.

GIS Data Hosting
Store your GIS data on an Enterprise infrastructure that is secure and regularly backed up, using our Oracle Spatial Database Engine and ArcGIS Server.

Scan QR code with smartphone to learn more about ISD

FTP Hosting
If data you share with your customers or the public requires a secure, publically-available storage site for an extended period of time, consider our FTP services. Most accounts can be set up in under a day.

Geocoding
From sets of data such as addresses, zip codes, latitude/longitude and cross streets, we offer custom reports, maps, and analysis designed to meet your specific business needs.

Google Earth Enterprise Client
We offer our County customers Google Earth Enterprise Client to access our custom data; for example, current imagery, parcel, street, political districts, earthquake faults, county building information, city and Supervisorial districts boundaries, and much more.

Future Direction: Mobile GIS Development
Our future direction is to develop Mobile GIS applications using ArcPad and Mobile GIS that run against our ArcGIS Servers. Using mobile devices such as Blackberry and other smart phones, customers will be able to collect GIS data in the field, then transmit data back to our servers in near real time.

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