



# GPS

## SDR, Inc

Spatial Data Research is an innovative industry leader in the use of the Global Positioning System (GPS) in our mapping solutions. SDR's services include designing and constructing Geographical Information Systems (GIS), developing robust mapping software, and producing specialized digital mapping databases.

## About GPS

The Global Positioning System is a military navigation network freely available for civilian use. GPS receivers connected to hand-held computers are used to link precise earth coordinates with information. This information then can be accurately displayed with mapping software.

## Technique

Using full-featured GPS with differential correction, SDR maps a range of features specific to the client's needs and then translates the coordinates into the local system. These features are integrated into the client's choice of digital mapping platform, including MapInfo, MicroStation, ArcInfo and ArcView.

## Services

SDR can collect precise coordinate positions and attribute information for:

- Road and Driveway Centerlines
- Navigable Stream Centerlines
- Water, Radio and Cell Towers
- Corporate Limits and Political Boundaries
- Residential and Business
- Landmarks and Historic Sites
- Bridges, Overpasses and Culverts
- Highway Mile Markers
- Hazardous Waste Sites
- Utility Poles and Pedestals

## GPS Software

SDR is an experienced developer of GIS software linked to GPS receivers. We can build a custom solution for your mapping and GPS data collection needs including full 32-bit operating systems. Our experience with ActiveX controls allows the native use of vendor applications such as ESRI's Map Objects, MapInfo's MapX and even direct support for Intergraph's GeoMedia.

## Approach

The SDR management and production team gives the same high level of professional courtesy, face time and responsiveness to all of its clients, meeting expectations and keeping time lines on track. With professional engineers, our team works together with and for you. Staff at SDR have contracted with the world's leading manufacturers of GPS including Trimble, Sokkia and Leica.

*SDR builds solutions!*

