



E9-1-1

SDR, Inc

SDR knows the complexity, detail, and nuances involved in the design and construction of database systems for Enhanced 9-1-1. SDR employees were the first in the country to fully integrate digital mapping, geo-coding, rural addressing, and the production of master street address guides and computer-aided dispatch geofiles into a single geographic information system database. Because each of our clients has had markedly different needs and requirements, we are still adding to our experience and array of tools.

Planning

9-1-1 and dispatch maps differ from other kinds of mapping, not only in map designs and cartography, but in the amount and type of information required. A careful blend of information, content and aesthetics must be created to convey the necessary data to the user during emergency situations.

Geographic and attribute data required by 9-1-1 GPS:

- Houses
- Old Addresses
- Official Road Names
- Dispatch Service Territories
- Place Names
- Driveways
- New Addresses
- Alternate Road Names
- Communities
- Physical Features

And many more features, attributes and data-sets.

Addressing

Addressing for 9-1-1 also must satisfy many users. Address users include emergency services, postal and delivery services, utilities, businesses, and ultimately every citizen. High-quality addressing solutions crafted by SDR consider all variations that affect addressing, including existing addressing schemes, geography, politics and user needs. These variables must be considered so the addressing system is logical, permanent, easy to maintain and permits future growth.

Databases

Several databases may be required to implement an enhanced 9-1-1 system. Required databases include maps with high-low address range and street name data, old address/new address listings, and master street address guides. Other databases are also necessary for future addressing maintenance, dispatch geofile construction and other government file updates.

Approach

SDR provides proven technologies with innovation in designing solutions fitting our clients' economic, political and schedule requirements. We pride ourselves on our flexibility and range of services tailored to fit client needs.

SDR also offers "off-the-shelf" technologies to assist clients wishing to build their own solutions. In addition, SDR may be retained as a consultant to help clients launch, manage or revive projects.

SDR builds solutions!

