

911 CARS ©

The 911 CARS™ GIS-based system performs the data storage, retrieval, reporting, and NFIRS submission functions required by today's fire and EMS communities. The system is designed to provide a streamlined data entry process that facilitates a natural flow and eliminates repetitive data entry.



DBSysgraph has provided turnkey CAD, RMS, and mobile solutions to law enforcement, fire, and EMS agencies for over four years. We supply an off-the-shelf or customized solution for any sized agency. Our solutions provide integrated mapping/AVL; Phase II wireless capability; crime analysis; UCR/NIBRS/NFIRS 5.0 reporting; digital imaging; and interfaces to E911; TDD; mobile computers; station alerting; RMS, JMS, PTT, NCIC/state databases; and/or custom interfaces. 911 CARS is CAD, RMS & Billing Suite; for Sheriff, Fire and EMS.

911 CARS © CAD system employs an easy-to-use graphical user interface designed using Microsoft's Visual Basic. The client operates on multiple Windows-based operating systems (98/ME, NT, 2000, and XP). The server operates on the Windows NT and 2000 platforms. Microsoft's SQL Server (7.0 and 2000) is used as the relational database to provide maximum flexibility for reporting and querying. Since SQL Service is ODBC-compliant, the system will also support a multitude of third-party report, query, OLAP, and data mining software. The Windows environment provides a familiar "look and feel" to the system and includes features such as pull-down menus, online help, scroll bars, cut-and-paste capability, and point-and-click operation which also allows keyboard interaction for those who prefer the keyboard over the mouse.

Key Benefits and Features:

- * Call information
- * Location information
- * User-defined messages
- * Messaging capabilities
- * Hospital transport information
- * Silent status updates to dispatchers
- * Fully integrated crime mapping solution
- * Ability to tie building floor plan information to structures layer in CAD
- * Fully integrated RMS
- * Other units assigned
- * Fire pre-plan information
- * CAD query information
- * Integrated real-time mapping
- * Closest hydrant recommendations
- * Internet based reporting for multiple jurisdictions
- * Phase I, Phase II compliant

MULTI-AGENCY, MULTI-JURISDICTIONAL DISPATCHING SOFTWARE- 911 CARS CAD is a fully integrated computer-aided dispatch system designed to assist public safety agencies in responding to calls for service. The package affords all of the necessary functionality to perform communications, complaint receipt, dispatch deployment, and unit/incident status recording activities.

MS WINDOWS AND SPLIT-SCREEN FUNCTIONALITY- The 911 CARS CAD system implements split-screen functionality through use of a video card within the CPU, allowing the system to present two or three separate monitors, all acting as one large monitor. One keyboard and one mouse control access to all monitors. The simplicity of screen layouts provides a user-friendly presentation of data in easy-to-read formats.

TABLE-DRIVEN DESIGN- 911 CARS CAD has been designed as a table-driven system, meaning that much of the functionality can be defined and changed by your agency through the manipulation of table settings. This implementation provides numerous advantages over other systems that may "hard code" such data. For example, your agency will not need to issue a purchase order to PSSI for future programming effort when modifications are necessary to tables such as unit types, call types, disposition codes, valid stations, valid street types, etc., thus making the package a very cost-effective solution.

Product Description for 911-CARS ©

911- Computer Aided Response Systems

Virtually every operational activity in law enforcement includes spatial relationships. GIS in law enforcement means crime analysis via crime mapping. It provides a valuable spatial element to link analysis and crime analysis tools. GIS allows law enforcement and criminal justice personnel to plan effectively for emergency response, determine mitigation priorities, analyze historical events, and predict future events. GIS can also be used to get critical information to emergency responders upon dispatch or while en route to an incident to assist in tactical planning and response

Traditionally, paper maps and pins have supported these activities. Law enforcement agencies collect vast amounts of data from many sources including called-for-services, arrests, field interview cards, citations, chronology, and officer data. Data in this form, however, can be difficult to visualize. The same information displayed graphically provides a powerful decision making tool for investigators, supervisors, and administrators. The visual format shows relationships and patterns that are buried in the data. In the "mission-critical" nature of law enforcement, information about the location of a crime, incident, suspect, or victim is often crucial to determine the manner and size of the response. Internet/Intranet capability enables an agency to serve this information to substations or to other regional agencies. GIS provides law enforcement aviation with the capability for in-flight "moving" maps and automated vehicle location (AVL) for all patrol vehicles, aircraft, and watercraft.

Criminal Justice

Prosecutors and public defenders use GIS to map filing locations and workloads and determine office sitting and geographic areas of responsibility. It also enables them to provide interactive mapping presentations, including photographs, video, fingerprints, and documents, to dramatically improve case preparation and presentation. For investigative units, GIS displays criminal intelligence and crime analysis information graphically with both mapping and link analysis capability.

Parole & Probation

GIS use in parole and probation activities means providing analysis through client mapping. It allows the user to combine criminal intelligence software with client data in a spatial representation (a map) of the client base including photographs and other documents. It allows an agency to provide better, more efficient workload distribution based upon user-defined criteria.

GIS for Corrections

GIS helps corrections officers determine potential facility sites by examining complex, seemingly unrelated criteria and displaying them all in a graphical, layered, spatial interface or map. It also helps them map inmate populations, fixtures, and equipment to provide for the safety of inmates by separating gang members, identifying high-risk or potentially violent inmates, and identifying hazardous locations in a facility. It reduces the potential for internal violence by providing better command and control. Criminal intelligence information, including photographs, fingerprints, and documents can be included in this interactive graphical interface. GIS functions, when combined with capabilities of location identification devices (GPS, personal inertial guidance, etc.), facilitate tracking the movement of high-risk inmates or at-risk personnel throughout any facility or area.

911 CARS is Phase I and Phase II Compliant

Phase I compliance requires wireless carriers to provide telephone number of 911 caller and the location of the tower. 911 CARS is capable of reading this information and providing dispatchers with accurate call information. Phase II compliance requires wireless carriers to send precise location (within 50-300 meters). In areas where this facility is available 911 CARS is able to translate this information on its GIS map. This helps dispatchers with provider more accurate location information to emergency responders during incident assistance.

Web Reporting

911 CARS has an integrated web reporting module which helps emergency agencies to retrieve incident information (caller information, incident information, comments) from anywhere via a secure internet connection (SSL). This cuts down on agency time for submitting reports to supervisors, and helps in speeding up incident research.

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911 CARS CAD system is fully integrated, flexible, mobile software, providing field officers with extensive capabilities within the CAD system. CAD entries, such as calls for service or messaging CAD operators and other field officers, reduce unnecessary voice interaction. The system eliminates extended radio transmissions and reduces the interruption of standard CAD transactions and operation. Officers are able to communicate their status by MDC function, relieving dispatchers of interaction while handling other responsibilities. Allow DBS to implement 911CARS CAD system as your complete management solution.