



The Next Generation of Request/Response

Flexible and user-configurable, DataBond is designed to integrate the current needs of public safety and emergency response with the evolving technologies of 9-1-1 Next Generation functions, interfaces, and protocols. DataBond is a fully functional database ALI, supporting legacy and NG9-1-1 interfaces.

DataBond as LDB – DataBond can serve as a Location Database (LDB). An LDB is a data structure that can serve as both an Automatic Location Identification (ALI) and a Location Information Server (LIS) operating within a 9-1-1 authority's jurisdiction.

DataBond with ELS – DataBond can integrate with Enhanced Location Service (ELS) providers, such as the RapidSOS NG9-1-1 Clearinghouse, to obtain additional location information. Each participating 9-1-1 agency may elect to receive this information from DataBond for display at the call taker station.

DataBond as LIS - As the 9-1-1 industry evolves, subscriber location information is becoming more distributed as service providers operate their own LIS. This represents a challenge to both 9-1-1 authorities and carriers currently operating ALI databases. DataBond represents the melding of ALI and LIS functionality to overcome this challenge.

DataBond as ALI - Flexible and user-configurable, ALI is a stand-alone ALI database that provides ALI responses to ALI requests. ALI is compatible with all leading ANI / ALI controllers and Windows™-based software. WebALI is a web-based component to ALI and provides users with an Internet-based platform to exchange information.

DataBond as MSAG – DBMS incorporates more than 25 years of customer feedback and continuous product development. DBMS is the most fully-featured database management software on the market. WebDBMS is a web-based component of DBMS and provides users with an Internet-based platform to exchange information with telephone companies, PSAPs, and other county agencies.

DataBond also provides Cellular Phase I and Phase II solutions, extensive reporting capabilities, including a history of all database requests, automatic synchronization of records for full redundancy and reliability, automatic import of NENA standard files, and flexibility in record updating, automatically or manually.

DataBond is fully integrated with **SpatialCentral** and **DataNexus** for updating Location Validation Function (LVF) and Emergency Call Routing Function (ECRF). It also integrates directly with **SpatialStation** for co-maintenance of traditional and NG9-1-1 databases at the same time, from the same location. This helps ensure that every subscriber location record maintained is valid and routable BEFORE it is utilized in these applications.

Improving and managing your data quality today and positioning your organization for NG9-1-1 requirements, is our focus. With 911 Datamaster, success begins before the call is made. Visit us at 911Datamaster.com.

Product Specifications

- Microsoft™ Server-based for ease of use, lower cost, and easy maintenance.
- Encompasses all of the specifications for ALI and LIS.
- Supports IP communication with controllers and PSAPs.
- Supports i3 HTTP Enabled Location Determination (HELD) protocol.
- Meets J-STD-036 and E2+ cellular standards.
- Interfaces with DBMS software for ALI / LDB updates.
- Scalability from less than one thousand to more than 50 million records.
- Provides ALI response to multiple PSAP controllers.
- Provides five call history and stores details for individual telephone numbers.
- Supports 8-digit and 10-digit ALI requests.
- Simple or advanced password protection and user login auditing.
- Automatic synchronization of records on two servers for full redundancy and reliability.
- Maintains logs of call activity, imports, and selective router updates.
- Automatic status notification by pager, email, TLI, and SNMP.
- Supported by 911 Datamaster's comprehensive, 24/7/365 software support.