



DATANEXUS

NG911 SPATIAL ROUTING TECHNOLOGY

DataNexus allows for a seamless transition to NG911 with ECRF/LVF capabilities and is designed to integrate the current needs of public safety emergency spatial routing with the evolving NG911 technologies.

VALIDATE & IDENTIFY

The essential functions of any NG911 deployment are to validate location records, identify the Public Safety Answering Point (PSAP) to which the Emergency Service Routing Proxy (ESRP) should send a caller, and determine responders for the geographic location of the caller.

PERFORMANCE OF CORE FUNCTIONS

DataNexus performs the core NG911 functions by leveraging the combined knowledge of multiple datasets, Geographic Information System (GIS) in the form of Site Structure Address Points and Road Centerlines, and traditional 9-1-1 data in the form of the Master Street Address Guide (MSAG). These data resources provide an industry-unique and multi-datatype location lookup and response system.

OVER 25 YEARS OF DATA INTEGRITY EXPERIENCE

Drawing on over 25 years of authoritative data integrity experience, DataNexus delivers functions to help identify common error discrepancies in GIS and MSAG data. It is also equipped with the most comprehensive geospatial call routing and responder determination capabilities today in the 911 public safety market.

DATABOND & SPATIALCENTRAL INTEGRATION

DataNexus receives direct spatial uploads from SpatialCentral for Site Structure Address Points, Road Centerlines, and Jurisdiction and Responder polygons. In addition, it integrates with DataBond, allowing for a smooth and logical operational migration from traditional database management (ALI and MSAG) to Next Generation (GIS) solutions.



Hierarchical default routing for ECRF queries, configurable search prioritization between multiple datasets, dependable QA/QC through the SpatialCentral interface, all supported by 911Datamaster's comprehensive, 24/7/365 software support.



RELIABILITY

Designed as a Microsoft™ Server-based application with a web-based user interface, ensuring high reliability, ease of use, lower cost, simplified maintenance, and easy data management.



LVF/ECRF

DataNexus is a fully functional Location Validation (LVF)/ Emergency Call Routing Function (ECRF) environment that validates locations and routes calls using real-time data while providing full compliance with all applicable NENA and IETF standards.



DATABOND & SPATIALCENTRAL INTEGRATION

DataNexus supports full integration with DataBond and provides a hierarchical routing search for ECRF queries. This is further enhanced with dependable QA/QC through the SpatialCentral interface. All are supported by 911Datamaster's comprehensive, 24/7/365 software support.

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 or email sales@911datamaster.com.

