



THE ONLY NG9-1-1 SOLUTION DESIGNED AND BUILT FOR GIS DATA PROVIDERS AND 9-1-1 AUTHORITIES

DATAMARK®, the public safety GIS team of Michael Baker International, is the go-to authority on GIS data for NG9-1-1. Its data-forward, full-service but configurable NG9-1-1 solutions provide the highest levels of public safety GIS data completeness and accuracy.

DATAMARK's Software-as-a-Service (SaaS) solutions ensure:

- Easy, consistent access to mission-critical information in life-critical situations.
- Simplified transition to NG9-1-1 for addressing authorities, and GIS data providers and 9-1-1 authorities.
- Interoperability with existing public safety systems.
- No required additional investment in hardware or software.
- Configurable design for integration with other PSAP and government enterprise systems.

WHAT IS DATAMARK® VEP?

DATAMARK VEP is a full-service yet configurable SaaS platform for end-to-end GIS data aggregation, preparation and maintenance for NG9-1-1.

ABOUT DATAMARK® VEP

- Built specifically for NG9-1-1 requirements but is intended to support both call routing and dispatch systems.
- Integrates validation functionality and advanced editing capabilities into a readily accessible platform.
- Uses the NENA NG9-1-1 Data Model as its template.
- Ensures seamless support for CAD, CAD Mapping, AVL and other PSAP systems.
- Integrates data from multiple data sources with a data forward maintenance plan.
- Makes information consumable by ESInet (NG Core Services) and across the enterprise.

DATAMARK's technical analysts across the U.S. are ready to assist you with your NG9-1-1 GIS needs.

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ALI Result Table

WHO USES DATAMARK® VEP?

- GIS Data Providers
- Addressing Authorities
- 9-1-1 Authorities





Data stewardship for ensuring data accuracy and currency is critical!

Who is responsible for maintaining the data. Is it in the PSAP? With GIS? With the Addressing Authority? HOW DO WE ALL WORK TOGETHER?

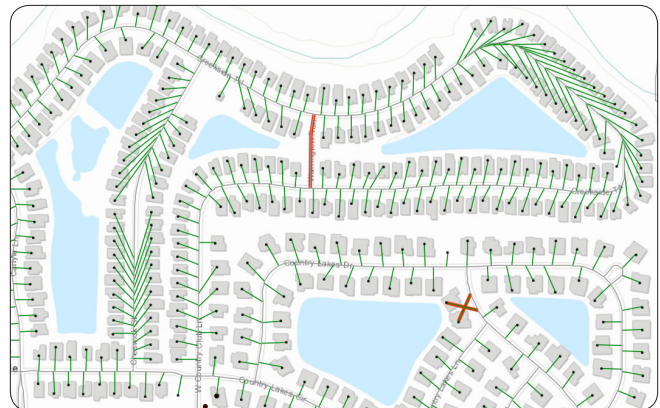
DATAMARK® VEP is the one platform enabling collaborative data maintenance.

DATAMARK® VEP BENEFITS

- Configurable user access.
- Comprehensive support and training.
- User-friendly editing tools for non-GIS users; advanced editing capabilities for GIS-savvy users.
- Tools that ensure PSAP boundaries do not overlap.
- Supports data quality for no duplicate addresses or roads in a multi-dataset environment.
- Requires no additional GIS software licenses because it is a SaaS solution.
- Uses the robust Esri ArcGIS server platform and 1Spatial data validation engine for quick and easy data manipulation (without purchasing an ArcGIS license).
- Ensures data quality via 38 unique quality control checks.
- Includes MSAG and ALI comparisons, including address point, road centerline, PSAP boundary and Emergency Service boundaries.
- Follows NENA standards; helps ensure NENA's recommended minimum match rate of 98% is set prior to using the GIS data in the Emergency Routing Data Base (ERDB) or the Location to Service Translation (LoST) Protocol services.

NG9-1-1 is the catalyst that brings more public safety stakeholders to the table to become GIS data stewards.

- FIRE
- POLICE
- EMS
- 911
- GIS
- ELECTED OFFICIALS



Mapping interface with fishbone analysis.

DATAMARK® VEP

EDITOR

The DATAMARK Editor features a cloud-hosted Software-as-a-Service (SaaS) web editing application engineered specifically to support those responsible for maintaining the source location data required for NG9-1-1 systems.

✓	✓	✓	✓	✓	✓	✓
INTERACTIVE QC DATA	MARK EXCEPTIONS WHERE NECESSARY	SECURE WEB-BASED INTERFACE FOR GIS AND NON-GIS USERS	CREATE NEW ADDRESS DATA ONLINE	ENABLE SIMULTANEOUS DATA UPDATES	ABILITY TO MARK OBSERVATIONS	PROVISIONING (OPTIONAL)
✓	✓	✓	✗	✗	✗	✓

VALIDATION

The DATAMARK validation features a geospatial, cloud-hosted software-as-a-service (SaaS) application that acts as a robust QA/QC toolset.

