



Michael Baker International Revolutionizes Next-Generation 9-1-1 Transition with New DATAMARK® VEP GIS Solution and Services

Breakthrough SaaS-based solution, DATAMARK® VEP, provides highest levels of public safety GIS services provider readiness for NG9-1-1 in nation's 5,000 PSAPs

PITTSBURGH, JUNE 12, 2018 – Michael Baker International, a global leader in engineering, planning and consulting services, today announced that its geographic information system (GIS) business launched DATAMARK® VEP (Validate-Edit-Provision), a new software-as-a-service (SaaS) solution that validates, edits and provisions GIS data. The new solution is for both current 9-1-1 systems and the transition to next generation 9-1-1 (NG9-1-1) systems and is augmented with GIS technical services and an expanded DATAMARK team that includes public safety and GIS professionals. NG9-1-1 is an initiative to update the 9-1-1 service infrastructure in the U.S. and Canada to improve public emergency response in a mobile society.

The firm developed DATAMARK VEP in response to the evolution of public safety 9-1-1 technology, culminating in the overhaul of the legacy systems with NG9-1-1. The solution and supporting services within DATAMARK VEP supports first responders, including, 9-1-1, police, fire, EMS and the GIS data providers and addressing authorities across the United States. GIS data is the foundation of NG9-1-1 as it must be updated in near real-time in next-generation public safety systems. As many of the nation's nearly 5,000 public safety answering points (PSAPs) are now beginning to focus on their GIS data readiness, they are finding either incomplete or poor-quality data or are realizing they have no GIS data that can be used outside their current 9-1-1 systems.

DATAMARK VEP is a cutting-edge, secure, SaaS solution that focuses on all aspects of the GIS information provisioned to an NG9-1-1 system – from data creation and cleansing to data quality, integration and maintenance workflows. The DATAMARK VEP software resolves the upgrade challenges, improves public safety communication location precision and ensures the data meets the stringent NG9-1-1 requirements. Other attributes include:

- Easy and consistent access to mission-critical information for life-critical situations
- Simplified transition to NG9-1-1 for addressing authorities, GIS and PSAP stakeholders
- Interoperability with existing public safety systems
- Configurable design that enables GIS data consistency in computer-aided dispatch (CAD), CAD mapping, automatic vehicle location (AVL) and other business systems within PSAPs and government enterprises beyond the ESInet
- No additional investment in hardware or software required

In addition to the DATAMARK VEP solution, Michael Baker offers full-service public safety strategic planning, consulting and industry-leading GIS technical services. The team consists of expert-level personnel with extensive experience working in state and local GIS and public safety agencies across the U.S. With DATAMARK VEP, Michael Baker has created the only solution through which GIS data providers, addressing authorities and PSAPs can aggregate locally sourced GIS data, quantify data quality requirements, update inaccurate or missing data and evaluate current readiness for NG9-1-1 without having to purchase or maintain additional hardware or software.

“NG9-1-1 requires that PSAPs expand their reach beyond their geographic borders and understand and interpolate the data for 9-1-1,” said Marty Miner, Chief Technology Officer, Michael Baker International. “DATAMARK VEP isn’t just a bolt-on solution for organizations to move their current 9-1-1 systems to NG9-1-1. Rather, it supports the GIS data component of the local addressing workflows, existing 9-1-1 systems and ensures a seamless transition to NG9-1-1, helping to unify, synchronize and ensure data accuracy across multiple public safety systems.”

Michael Baker will showcase DATAMARK VEP at the National Emergency Number Association (NENA) 2018 Conference & Expo in Nashville in booth #729. The show runs from June 16 – 21.

About DATAMARK

[Michael Baker International](#) is a leading global provider of engineering services and the go-to authority on GIS data for public safety. Its GIS team delivers data-forward, full-service and configurable NG9-1-1 solutions that provide the highest levels of public safety GIS data completeness and accuracy. The firm’s DATAMARK business offers SaaS solutions that ensure easy and consistently dependable access to mission-critical information in life-critical situations, simplifying the transition to NG9-1-1 for addressing authorities as well as GIS and PSAP stakeholders. Because its solutions are interoperable with existing public safety systems, they require no additional investment in hardware or software. Visit www.datamarkgis.com and follow DATAMARK on [Twitter](#), [Facebook](#) and [LinkedIn](#).

About Michael Baker International

Michael Baker International is a leading provider of engineering and consulting services, including design, planning, architectural, environmental, construction and program management. The company provides its comprehensive range of services and solutions to support U.S. federal, state, and municipal governments, foreign allied governments, and a wide range of commercial clients. Michael Baker’s more than 3,000 employees across nearly 100 locations are committed to a culture of innovation, collaboration and technological advancement to help solve challenges for clients and communities throughout the country. To learn more, visit www.mbakerial.com.

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