

MapVision®

Introduction

MapVision® is a geospatial web-based data management system. Every workflow associated with each department within a vector control agency is automated, streamlined and results in cross department enterprise data sharing and data integrity. Management, finance/billing, employee time tracking, operations, treatment applications, field technician activities, laboratory processes, maintenance, vehicles, equipment, and reporting are a few of the core features.

Product line

MapVision® offers four platform choices for every budget: MapVision® Express, Elite, Premier and Enterprise.

MapVision® Express

Express offers essential features for agencies requiring core functionality. Express is engineered for agencies with smaller budgets and limited employee resources. Features include: georeferenced source management, zones, activity cards, no spray contact list and real time tracking & replay of trips that are overlaid on satellite maps. Additional mapping features include proximity searches, distance measuring tools and shapefiles overlaid on satellite or street maps. Express manages zone polygons, employees, inventory, equipment, and vehicles. Users can create, edit and save action types, source types, and city/county locations. Express also produces custom date range reports for NPDES and state pesticide use reporting requirements. MapVision® Express offers clients a powerful entry level foundation and can be upgraded to MapVision® Elite, Premier and Enterprise as an agency expands.

MapVision® Elite

Elite offers all of the features available in MapVision® Express with the added empowerment of the service request work flow (not real-time), adult and larval mosquito surveillance, landing rate counts and rainfall data collection. Elite also provides users an expanded and feature rich activity

card for recording and tracking of employee actions and tasks, material applications, acres treated, and billable accounts. Elite incorporates laboratory work flow features associated with larval and adult mosquito identification. A broader report set for pesticide use, NPDES, inspections and treatments as well as laboratory and service request reports are included in Elite. As administrators in MapVision® Elite, users can easily manage employees, species, source, and action types without requiring vendor support. Elite enables users more configurable options (see MapVision® Features Matrix) to include the exclusive iPad Catch Basin App and aerial/ground polygon (block) management.

MapVision® Premier

Premier distinguishes itself from Express and Elite by offering comprehensive laboratory workflows to encompass all surveillance activities associated with mosquito disease testing, dead birds, sentinel flock management, ticks and other arthropods. Premier maximizes real time synchronization of all data sets associated with service requests, laboratory surveillance results, and real time tracking of mobile assets such as trucks, ATV's, boats & airboats. Premier offers a comprehensive real time inventory management system that is integrated with the activity card. Another distinction of Premier is all legacy data that reside in prior databases, Excel, or common file formats are migrated seamlessly through Leading Edge's custom programming interface.

MapVision® Enterprise

Enterprise is the flagship geospatial database which extends beyond the basic features of Express, Elite and Premier. Enterprise offers the most advanced options for management, finance, laboratory, maintenance and field operations. Examples include: interagency invoicing, employee time card tracking/payroll, bar code management system for inventory control and real time synchronization with state reporting databases such as CalSurv Gateway (synchronization with other state agency databases is available). Two unique components, available in MapVision® Enterprise is our Heightened Surveillance feature designed to monitor for invasive species and newly emerging pathogens in mosquitoes, ticks and wildlife and our Resistance Management module. MapVision® Enterprise dynamically bridges all vector control departments in real time, resulting in the most efficient, effective and resourceful geospatial data management solution available.