

Scalable Esri-based GIS Solutions for Mosquito and Vector Control

Adulticiding · Larviciding · Surveillance · Service Request

Electronic Data Solutions® (Elecddata®) provides complete solutions for recording, mapping, analyzing, and reporting activities that meet budget and permitting requirements for all sizes of mosquito and vector control operations. Our software solutions are location-based, which means interactive maps and apps are created and used for better decision making processes.

The Esri® ArcGIS® location platform is an industry standard that offers easy ways to discover, use, make, and share the information. Esri keeps up with advances in Web technology, mobile computing, cloud infrastructure and service-oriented architecture. Elecddata focuses on the advancement of mosquito and vector control workflows. Together we deliver a powerful solution for you to leverage in many different ways.

Feature Comparison

As an Esri Gold Partner and provider of mosquito and vector control applications for over ten years, we have gained experience implementing systems with a variety of functionality. Let Elecddata show you how to use a combination of the solutions below to come up with the best fit for your organization.

	Elecddata FieldSeeker® GIS	Elecddata Sentinel® GIS	Esri® Solution
Hosted Solution	X		X
Office OS Compatibility	Web-based	W10, W7	SaaS / N/A
Mobile OS Compatibility	iOS, WM6	W10, W7, WM6	iOS
Multi-user/Enterprise	X	X	X
In-Field Map Display	X	X	X
GPS or Sketch Mapping	X	X	X
Point sites	X	X	X
Line sites	X	X	
Polygon sites	X	X	
Automatic site naming	X	X	
User can change picklist values	X	X	
Online Basemap	X	X	X
Tracklog	X	X	X
In-Field Inspection & Treatment History	X	X	X
Treatment Area and Amount Validation	X	X	
On-Truck Inventory	X		
Scheduled Activities	X	X	
Inspection Recurrence	X	X	
Picture Attachments	X		X
On-Demand Activities	X	X	X

Comparison Continued on Page 2



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	Elecddata FieldSeeker® GIS	Elecddata Sentinel® GIS	Esri® Solution
Larval Samples	X	X	
Adult Trapping	X	X	X
Automatic tools for visualizing lab data	X	X	
Blood, Tissue, and Specimen Samples	X	X	X
Storm Drain		X	
Measure Tools	X	X	X
Weather Station Integration		X	
Service Request/Dispatch Apps Integration	X	X	X
Automatically create new site for service request	X		
Match request to existing sites	X		
Auto-Assign Service Requests	X		
Auto-Zone Service Requests and other data	X	X	
Fog Routes/Proposed Treatment Areas	X	X	
ULV Fogger Support	X	X	
Export GIS Data	X	X	X
Wireless Data Transfer	X	X	X
Concurrent Data Transfer	X	X	X
Real-time Communication Between Field and Office	X		X
Multi-user Editing	X	X	X
Web Application	X	X	X
SmartPhone App	X		X
Print Map	X	X	X
Aerial Spray Integration	X	X	
GeoForm/Crowd Source Reporter*	X	X	X
Public Information/Data Sharing Apps*	X	X	X
Voice Navigation Directions*	X		X
Social Media Monitor**	X	X	X
Dashboards/Oversight Apps*	X	X	X

* Can be integrated with Sentinel or FieldSeeker, but isn't part of the core product

** This app could be used by any district with any solution



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