FRONTIER PRECISION
How You Measure Matters

FieldSeeker® GIS
for Mosquito Control

FIELD AND OFFICE SOLUTIONS FOR MOSQUITO & VECTOR CONTROL

LARVICIDING | ADULTICIDING | SURVEILLANCE | SERVICE REQUEST
PUBLIC NOTIFICATION APP | UAS SALES & SERVICES | GIS PROFESSIONAL SERVICES

www.frontierprecision.com/mosquito

FIELDSEEKER CORE GIS SOFTWARE SOLUTION

Frontier Precision provides complete office and field solutions for mapping and reporting Integrated Mosquito Management Plan Activities.

FieldSeeker® GIS for Mosquito Control Software is designed to be the hub for all important data.

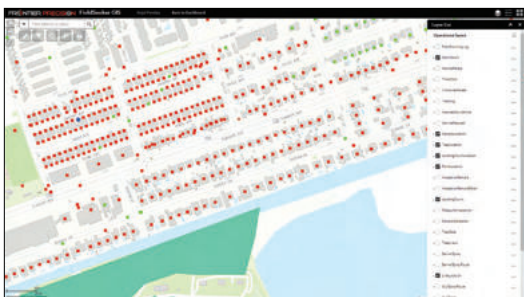• Make Maps   • Import Data   • Analyze Data   • Share Information

FieldSeeker Core is cloud-based system leveraging the Esri® ArcGIS® Online Platform. It consists of a JavaScript Office Web app available from any device with a web browser and a cross-platform mobile app available from the Apple Store, Google Play Store, and Windows Store.

Includes tools for:

• Larviciding with storm drain treatments
• Surveillance and lab work
• Service Request management

• Importing drone, other aerial & truck data
• Optional VectorSurv Gateway Integration

FieldSeeker Core Features & Benefits:

All in One App • Larviciding w/ Storm Drain Treatment • Surveillance • Service Requests	Choice of mobile device – iOS, Android or Windows 10. Easy deployment through the app stores. App operates the same between device type.
Schedule activities & inspection recurrences, time or activity tracking, measure tools, view work in progress.	Import data from drone, other aerial, truck spray systems and weather sensors.
Helps track chemical inventory between warehouse and truck. Built-in chemical calculator.	Office app uses Esri ArcGIS Online cloud-based system, an industry standard, dynamic platform. Nothing to install, access from any computer.
Special location types for drone, aerial, truck proposed treatment areas, barrier/ULV spray treatments, restricted areas, field scouting, and QA inspections.	Standard reporting, query and search functions. Print or export in different formats. Easily share data inside or outside your organization, embed dashboards, or integrate with public website.
Optional VectorSurv Gateway Integration so data can be synced in both directions eliminating double entry of voluminous lab data. Directions available through phone and tablet navigation apps.	Full control and ownership of system and data. Fully configurable to grow as your operation changes. Frontier's experienced staff handles technical aspects, freeing up agency personnel. Automatic software updates.
Choose between a variety of Esri base maps.	Unlimited telephone, email, chat and web technical support.
Real-time connectivity with off-line editing capabilities.	Separate ULV Truck Spraying App and Public Notification Apps.

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Fieldseeker Core software uses Esri ArcGIS Online-based web app, the mobile app runs on IOS, Android and Windows 10 devices.

WINDOWS ULV
ADULTICIDING EXTENSION

FieldSeeker Windows ULV Adulticiding Extension is a separate, standalone Windows 10 desktop and mobile app for recording and reporting spray truck activities. The desktop software is built on open-source GIS technology. Esri licensing is not required for standard operation but can be leveraged for advanced functionality and syncing data with FieldSeeker Core software. Spray session data is recorded by the FieldSeeker Windows ULV mobile app and stored in the Windows 10 mobile device. Mobile data is synchronized with the office using online storage services such as Google Drive or Dropbox, to a shared folder through Wi-Fi, or using removable USB storage.

Additional features include:

- Collect spray session information from compatible sprayers with data output
- Draw in treatment areas for other sprayers with no data output
- View data operations by date, spray session and GPS point
- Manage zones and restrict areas
- Customize restricted area warnings and messages for drivers

- Print and export tabular reports with or without maps
- Line-based spray routes for visual guidance of predetermined route to field tech
- Service Request integration with FieldSeeker Core
- Esri feature service push so truck spray data can be viewed in FieldSeeker Core along with other operations data
- Fleet Management capabilities by integrating with CompassTrac vehicle tracking system for real-time fleet awareness. Additional Esri ArcGIS Online compatible CompassTrac software, hardware and recurring cell plan required.
- Optional truck-mounted weather sensor to automatically record WS, WD, temperature, RH, and BP

MOBILE DEVICES

In general, any rugged professional field device, phone, or tablet that has GPS (and a 9-pin RS-232 serial port for ULV truck spraying) and meets minimum specifications can be used. We sell and support a limited number of devices, and we test additional devices. Given the profusion of phones and tablets, our approach is to list devices that have been tested and are known to support the FieldSeeker software. For a full list of devices, contact: mosquitosupport@frontierprecision.com.

Juniper System Mesa 3 Rugged Windows 10 Tablet
- Large 7 Inch, Sunlight-readable Display
- All-day Battery Life
- Wi-Fi for Wireless Data Synchronization
- High-Quality GNSS Receiver
- Optional RS-232 9-pin Port Needed for Truck Sprayers with Data Output
- Optional 4G LTE Multi-carrier Capable
- 2-year Hardware Warranty with Optional Extended Customer Care Packages
- Assembled and repaired in Logan, Utah

CONNECTING
WITH THE PUBLIC

Engagement Through Public Website. We can help configure standard FieldSeeker and ArcGIS Online functionality to interact more with the public through your organization's website. There are ways to collect information, answer questions, or tell a story by using integrated forms, activity web maps, StoryMaps, or dashboards.

Email Notification and Service Request Routing System. Frontier's GIS Services team can also assist with integrating third-party solutions with FieldSeeker and ArcGIS Online to create a public email notification and service request routing system. This will allow staff to spend more time on control activities while keeping residents more informed during the process.

Frontier's Public Notification App. Let us brand your own mobile app the public can download for free from the Apple or Google app stores. They can then subscribe to notifications for selected areas of interest, submit service requests, and view your activity maps. Agency personnel use a web app, FieldSeeker, and ArcGIS Online to manage notification messages, notification "zones" or areas, map information, and other system settings.
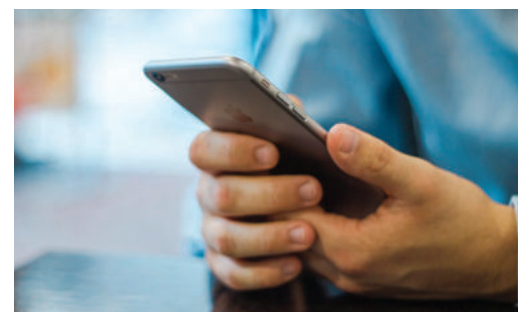
DRONE (UAS) TECHNOLOGIES

Frontier Precision offers a variety of multirotor and fixed-wing drone solutions for mosquito and vector control applications. We can help determine the data deliverable product needed and recommend the best aircraft for specific applications. Whether you are interested in operating drones yourself or hiring a service provider to collect data for a project, Frontier can help.

We offer **Part 107 Training** along with product training classes which are available to help you or your staff become certified pilots or learn from scenario-based training.

LET US HELP YOU
CONFIGURE A SYSTEM

CALL 208.324.8006 OR VISIT WWW.FRONTIERPRECISION.COM/MOSQUITO

AUTEL ROBOTICS

DJI ENTERPRISE

WHY THE **ESRI PLATFORM?**

The Esri ArcGIS Online platform is an industry standard platform to make maps, collaborate and work with data from different sources, provide data analysis, and share information with others.

Esri keeps up with the advances in web technology, mobile computing, and cloud infrastructure. Frontier focuses on the advancement of the mosquito and vector control workflows. Together we deliver a powerful solution for you to streamline your operational processes.

Value of the Esri Platform:

• Configuration and data editing flexibility of FieldSeeker apps

• Greater data visualization and insights of collected data

• Customer maintains ownership of full system and data

esri **Partner Network** Gold   ArcGIS Online Specialty   State and Local Government Specialty

GIS PROFESSIONAL **SERVICES**

Frontier Precision's GIS services group can offer innovative ideas extending other Esri platform and third-party software solutions alongside the FieldSeeker GIS mosquito control workflows. We can help your organization achieve goals through focused consulting, configuration, implementation, training, and on-going technical support services.

Advanced functionality within the FieldSeeker apps:

• Integration of service request form, status maps, and dashboards with public website

• Embed Esri Dashboards directly into FieldSeeker Core Office app

• Advanced analysis and business intelligence using Insights for ArcGIS

• Create modem responsive web content with ArcGIS Web AppBuilder or ArcGIS StoryMaps

• Add field forms alongside FieldSeeker apps using ArcGIS Field Maps or ArcGIS Survey123

• Creation of professional imagery product from drone-captured imagery using Site Scan for ArcGIS or ArcGIS Drone2Map

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208.324.8006 CONTACT US FOR A DEMO TODAY!

Frontier Precision provides complete office and field solutions for mapping and reporting activities for all sizes of mosquito and vector control operations.

Frontier Precision understands what it takes to have your business run at its best. Every one of our employees is committed to helping you take your company to the next level.

To get started with the solutions you need, visit us at www.frontierprecision.com/mosquito.

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JUNIPER® systems

AUTHORIZED SALES REPRESENTATIVE:

www.frontierprecision.com/mosquito