

Map, Track, and

# ATTACK



**B&G**  
**Sentinel**<sup>™</sup>  
**GIS**

Adulticide • Larvicide • Surveillance  
Service Request

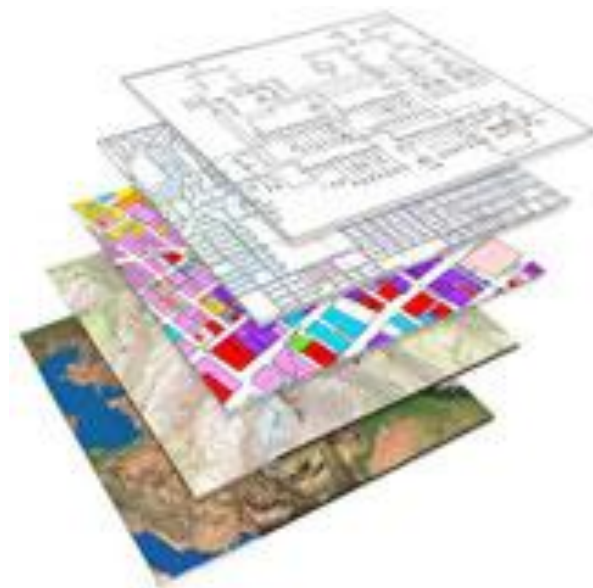
# ESRI-based, All-in-one Solution

- Adulticide Application
- Larvicide Application
- Surveillance Application – coming in 2008
- Service Request Application – coming in 2008
  - All use ESRI ArcGIS 9.x and ArcPad 7.1
    - Retains standard ArcGIS & ArcPad functions and uses customized toolbar
  - Easy to learn and use
  - No GIS expertise needed for field crew



## ESRI GIS – Powerful Tool

- Combines Geographic Content (Maps) with Tabular Data (Database)
  - Visual Analysis of Relationships
  - View Multiple Map Layers
  - Identify Trends with Data
  - Visualize Historical Data
  - Combine with Data from Other Sources  
State Health Department, Emergency Response
  - Produce Maps
  - Generate Reports
  - Find Correlations Between Data



Your agency is probably already using ESRI GIS!

# How B & G Sentinel GIS Works

## 1. PREPARE

Desktop  
Software

Use ArcGIS and DataLink GIS software

- Automatically load maps and GIS layers to Field PC
- Supervisory Tools to prepare application configurations for field use on Field PC
- Automatically loads completed field work to desktop
- Facilitate multiple users





# How B & G Sentinel GIS Works



Archer Field PC

Use ESRI ArcPad on Field PC

- Map field activities
- Record mosquito control data using easy-to-use, electronic forms
- View field activities and completed work on your map
- No GIS expertise needed for field crew



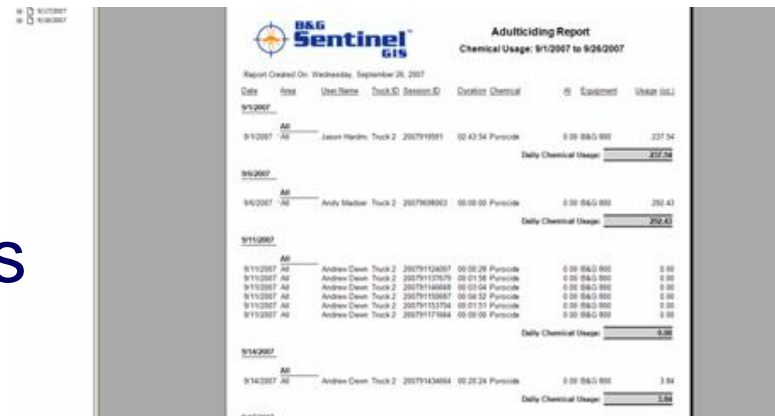
# How B & G Sentinel GIS Works

## 3. REPORT

Use ESRI ArcGIS software

- Provide Supervisor tools for managing field activities
- Generate maps
- Generate daily, weekly, monthly, cumulative reports

Desktop  
Software

**B&G Sentinel GIS**  
Adulthooding Report  
Chemical Usage: 9/1/2007 to 9/26/2007

Report Created On: Wednesday, September 26, 2007

Date	Area	Unit/State	Track/ID	Session/ID	Operator	Chemical	EQ	Equipment	Usage (GAL)
<b>9/1/2007</b>									
All									
9/1/2007	All	Jason Harbin, Truck 2	2007910991	00:42:34	Paricide		0.00	B&G 900	237.34
									Daily Chemical Usage: <u>237.34</u>
<b>9/6/2007</b>									
All									
9/6/2007	All	Andy Madson, Truck 2	2007910993	00:00:00	Paricide		0.00	B&G 900	250.43
									Daily Chemical Usage: <u>250.43</u>
<b>9/11/2007</b>									
All									
9/11/2007	All	Andrew Deem, Truck 2	200791126507	00:00:26	Paricide		0.00	B&G 900	0.00
9/11/2007	All	Andrew Deem, Truck 2	200791127079	00:01:16	Paricide		0.00	B&G 900	0.00
9/11/2007	All	Andrew Deem, Truck 2	200791146689	00:03:04	Paricide		0.00	B&G 900	0.00
9/11/2007	All	Andrew Deem, Truck 2	200791150687	00:06:52	Paricide		0.00	B&G 900	0.00
9/11/2007	All	Andrew Deem, Truck 2	200791153794	00:01:51	Paricide		0.00	B&G 900	0.00
9/11/2007	All	Andrew Deem, Truck 2	200791171684	00:00:00	Paricide		0.00	B&G 900	0.00
									Daily Chemical Usage: <u>0.00</u>
<b>9/14/2007</b>									
All									
9/14/2007	All	Andrew Deem, Truck 2	200791436684	00:20:24	Paricide		0.00	B&G 900	3.94
									Daily Chemical Usage: <u>3.94</u>

# Affordable

- **B & G Sentinel modules** \$4,000 one-time purchase per site
  - Quantity Discounts for purchasing more than one module
- **DataLink GIS** \$ 995 one-time purchase per site
- **Archer Field PC w/GPS** \$1,815 for each field person
- **Technical Support** \$ 295 per handheld
- ArcPad or ArcGIS license required per Field PC/Desktop\*
- Optional on-site mobile GIS training is available

\* Site is defined as one physical location (address)



**B&G**  
**Sentinel**<sup>TM</sup>  
**GIS**

Mobile GIS Solutions for Mosquito Control

Adulticide • Larvicide • Surveillance • Service Request

## In Partnership

**B & G Sentinel GIS is brought to you by:**



Chemicals & Equipment Co., Inc.

### **In partnership with:**

Electronic Data Solutions, Software and Support

Juniper Systems, Inc., Archer Field PC

ESRI, GIS Software

Trimble, Mapping GPS Receivers



**ESRI**  
Technology

**AUTHORIZED  
BUSINESS PARTNER**

## Questions?

To schedule a web presentation or on-site demonstration, contact:

**B & G Chemicals & Equipment Co., Inc.**

**(800) 345-9387**

**[www.bgchem.com](http://www.bgchem.com)**

