

# Wireless

## W I L D L I F E

### USER INTERFACE

Each user gains access to the Wireless Wildlife user software web interface using a unique user name and password. The user software interface is completely web-based using your normal web browser. This enables users to access their data through any Internet connection. All updates for the user software interface are done on the Wireless Wildlife server, ensuring that all users implement the latest software.

The screenshot displays the user interface for the Wireless Wildlife system. On the left is a sidebar menu with categories: All, Tag, Base Station, and Client. Under 'Tag', there is a list of tags (A5 Dam to A2 Pomp) and a 'Map Data' button. Below this are buttons for 'Tag Data', 'Base Station Data', and 'Repeater Data'. The 'Technical' section includes 'All Tag Settings', 'All BS Settings', and 'BSReports'. The 'Admin' section includes 'Tag Info', 'BS Info', 'Group Info', 'Zones', 'User Profile', 'Support', and 'Website'. The main area shows two client status maps: 'Renoster(0)' and 'Renoster(1)'. Below the maps are three repeater status indicators labeled 242, 243, and 245. A legend table is located at the bottom right of the main area.

Legend :	
Green	Functioning normally
Yellow	No activity reported
Orange	No recent reports
Orange-Red	No reports for a day
Dark Red	Alarm/Violation

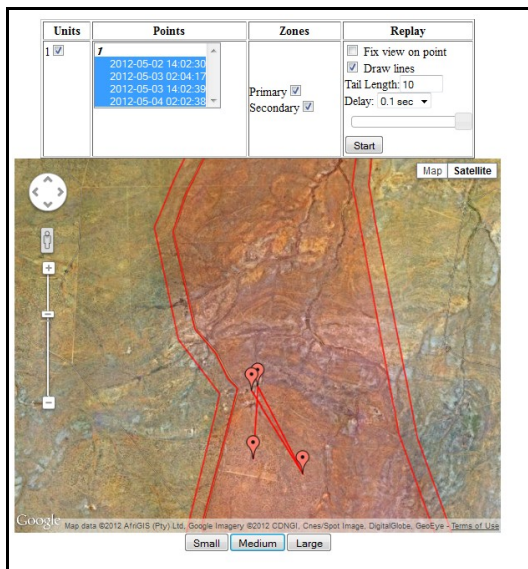
Data can be downloaded through this web interface and all data can also be visually accessed through this interface.

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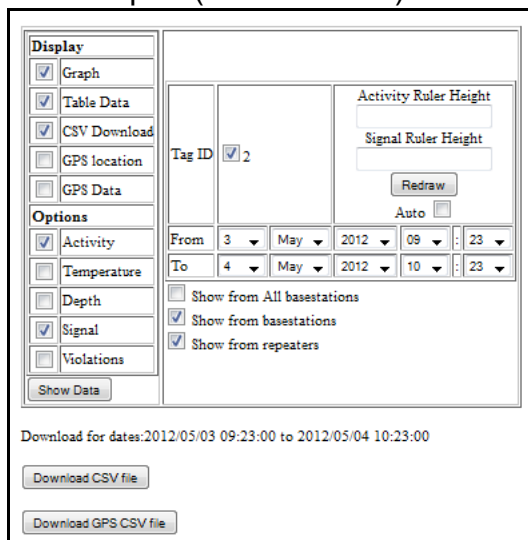
## DATA PRESENTATION

The Wireless Wildlife web interface enables the user access to the following functionality:

- Mapping interface for geo-referenced data points.



- Data export (in .csv format).

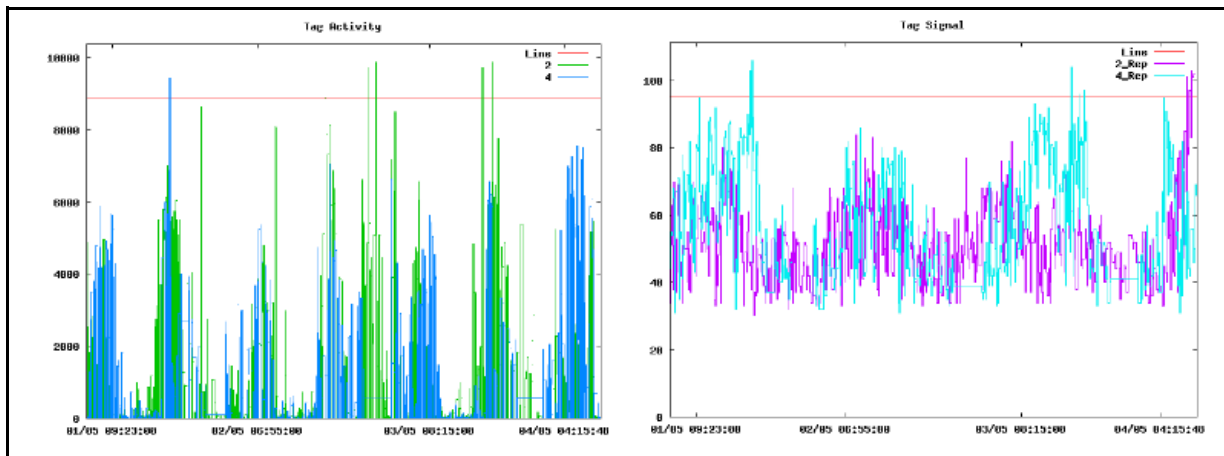


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## W I L D L I F E

GPS Table Reading Time (GMT+2)	Client ID	Unit ID	BoxClient ID	BoxID	RSSI	Lat	Lon	Speed	Direction	Temp	Activity
2012/05/07 10:06:01	95	74	95	242	242	-28.XXXX	31.XXXX	0	0	21.2	22385
2012/05/07 17:03:59	95	74	95	242	242	-28.XXXX	31.XXXX	3.2	112	16.9	25366
2012/05/07 22:02:05	95	74	95	242	242	-28.XXXX	31.XXXX	0	0	8.3	26999
2012/05/08 05:02:09	95	74	95	242	242	-28.XXXX	31.XXXX	0	0	7.4	27052
2012/05/08 10:03:39	95	74	95	242	40	-28.XXXX	30.XXXX	0	0	22.7	28996
2012/05/08 17:03:10	95	74	95	242	0	-28.XXXX	30.XXXX	4.3	34	19.5	31254

- Data Graphs.



All data, schedules and settings can be accessed and managed through the web interface.



## ALARMS & NOTIFICATIONS

Alarms and notifications are normally distributed to a maximum of 5 users through the GSM (cellular) network. Users will receive a SMS and a Missed Call when an alarm occurs.

The system can be set-up so that the following scenarios are flagged as active alarms

- When an animal shows abnormal HIGH activity. This might indicate various factors such as danger or distress.
- When an animal shows abnormal LOW activity.
- If an animal breaks a virtual fence or border, meaning that the animal moves out of or into an area that it is not suppose to roam.