FALCON Environmental Services
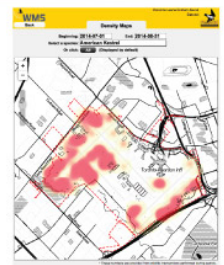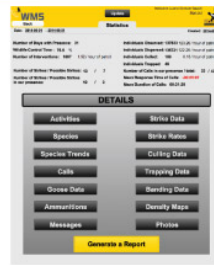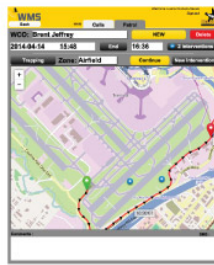
WMS
WILDLIFE MANAGEMENT SYSTEM

Wildlife Management System (WMS©) is a software that allows to collect, organise, monitor, log, and geolocate each wildlife management activity on an airport, while providing a framework for generating reports of these activities.

FEATURES

- iPad and computer-based
- User-friendly and intuitive interface
- Remote data storage and access
- Allows communication between users
- Allows geolocalisation
- Customizable
- Automatic generation of wildlife reports

REPORTS

- Reviews all patrols and interventions for a given period
- Gives statistics about observations, interventions, dispersions, strikes, calls, etc. and allows to see details of these activities in tables or graphs
- Allows targeting problem species
- Gives clues toward solutions
- Gives annual and monthly strikes rates
- Summarises species captured
- Generates daily, weekly, monthly, yearly reports in PDF format automatically
- Allows inclusion of customizable sections like density maps, identification of hot-spots, characterisation of problematic situations

WILDLIFE PATROLS AND EMERGENCY CALLS

- Keeps track of wildlife control officers
- Displays their position on a map of the airport
- Records information and keeps detailed statistics about calls, strikes, interventions during each patrol
- Geolocates patrol routes, interventions, calls, strikes, etc. on the field
- Collects information on strikes comparable to CADORS (Civil Aviation Daily Occurrence Reporting System)
- Implements Safety Management Systems (SMS)

PYROTECHNICS AND VEHICLE INVENTORY AND MONITORING

- Provides information about vehicle maintenance and servicing
- Fuel efficiency statistics
- Keeps track of pyrotechnics used and current inventory

TRAPPING

- Summarises trapping effort
- Computes trapping efficiency
- Displays trap's status and geolocalisation
- Keeps track of trapping operation and disposal in case of capture

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