



*Innovative Technology as a Response to  
the Bird Strike Risk*

CTO



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Wildlife SME



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# Airport Fauna Monitoring System

## Artificial eyes for Wildlife Hazard Management

**Automated Wildlife  
detection**



**Prompt notification  
and data collection**



**Bird deterrent  
system**



**Automated  
Big Data analysis**

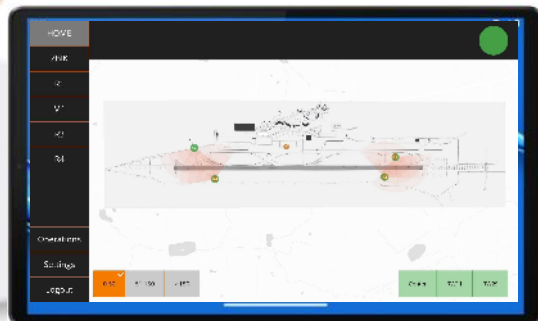


## Airport Wildlife Monitoring System - Concept

Fauna activity monitoring system



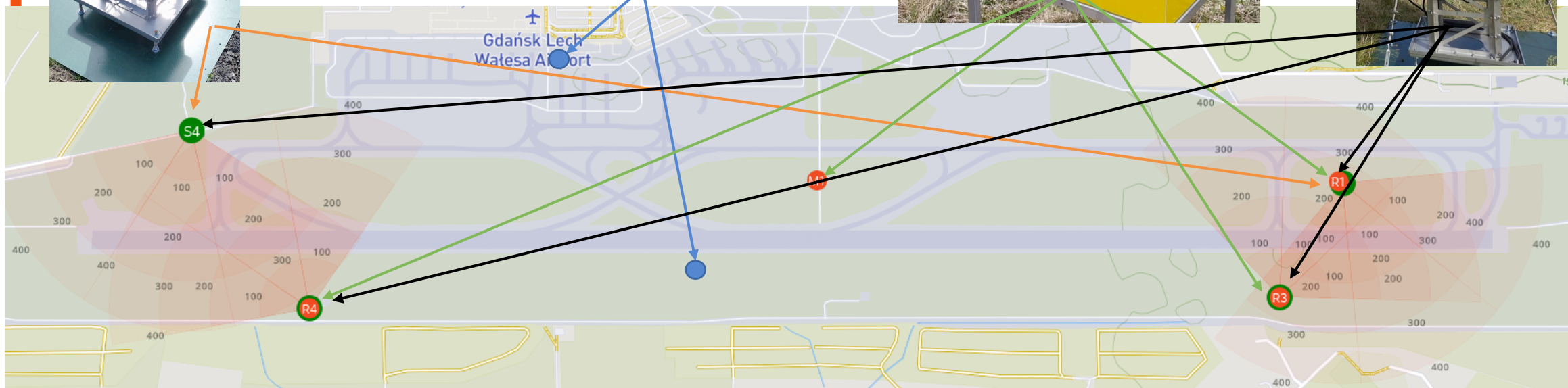
Rel-view and monitoring application



Deterrence System  
Manual/semi-manual



Bird activity monitoring system

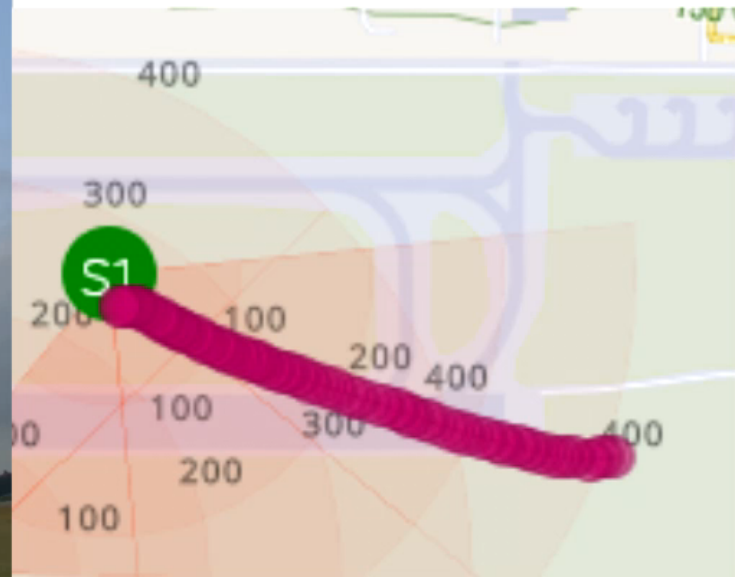


1

2021-07-22 06:04:11  
Module: 1  
Station: AIR

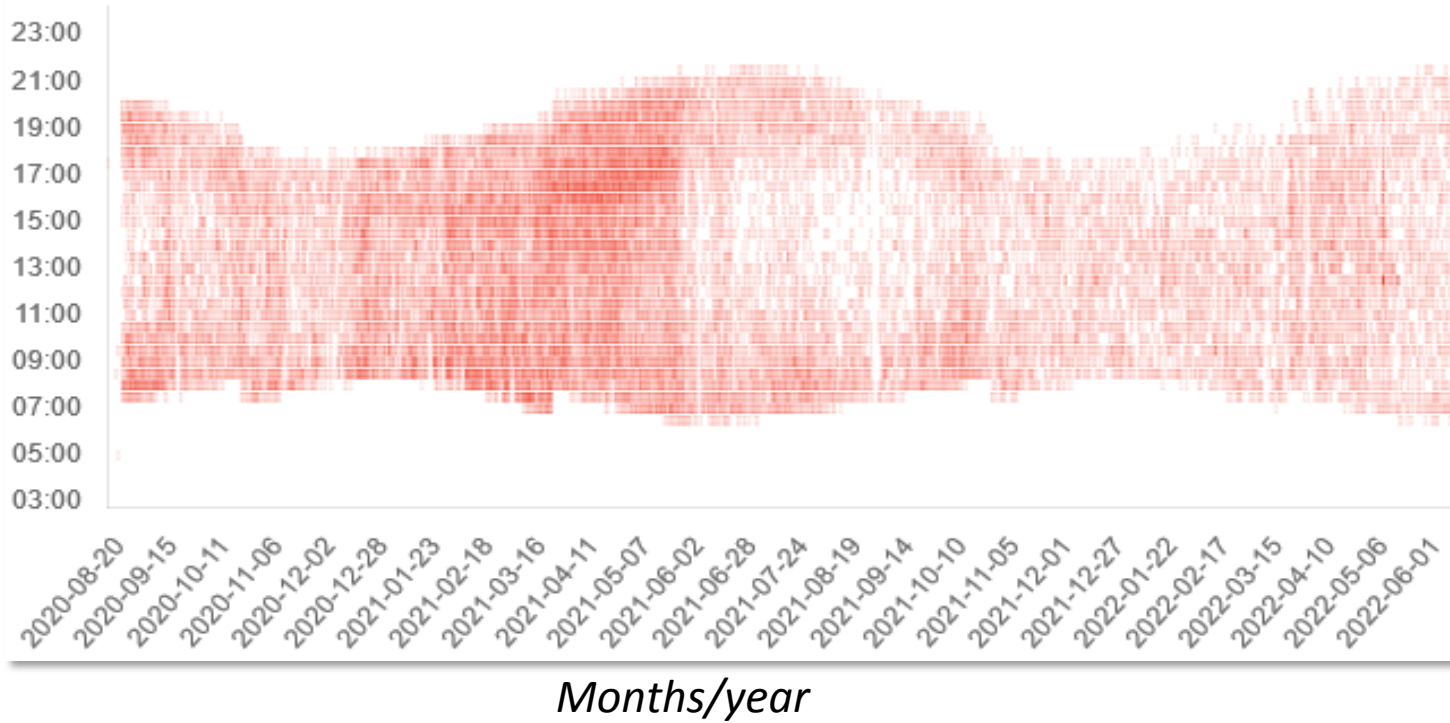


# Real Monitoring Detection Example - Gdańsk Airport -



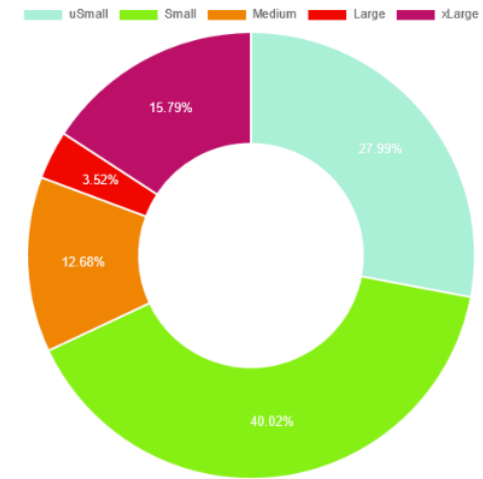
# Annual Bird Activity Analysis

*Long-term analysis*



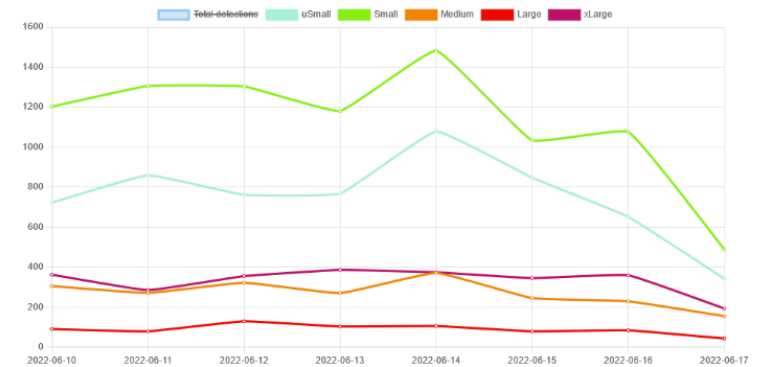
*Short-term analysis*

*Day*



*Mid-term analysis*

*Week*

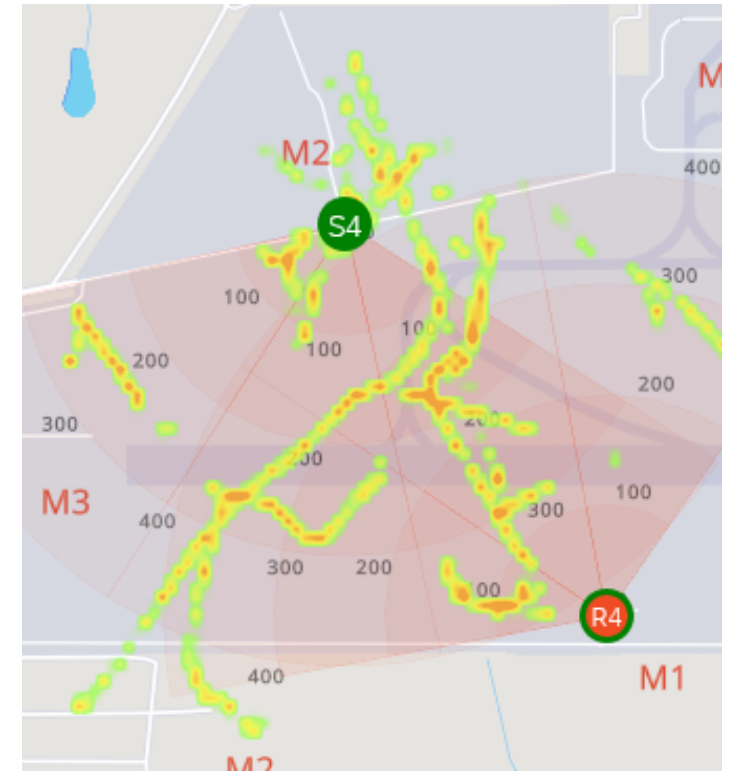
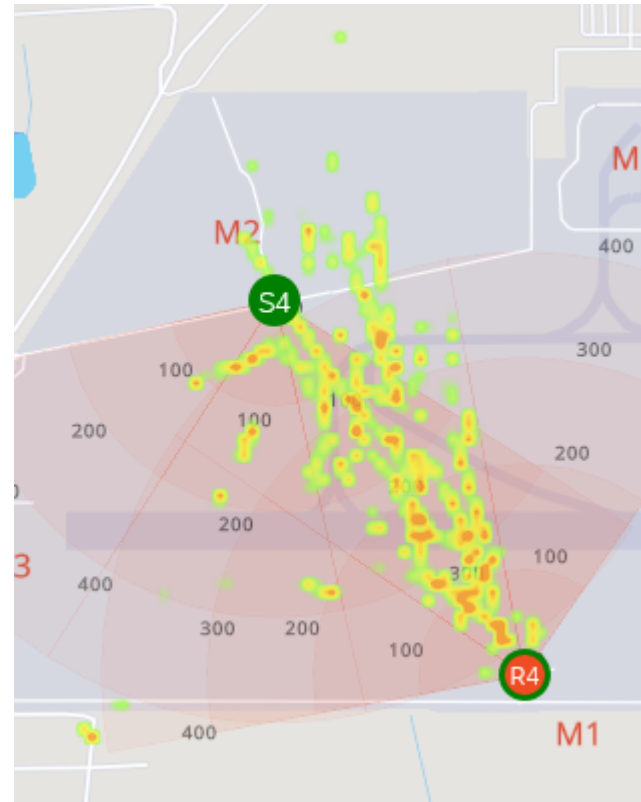
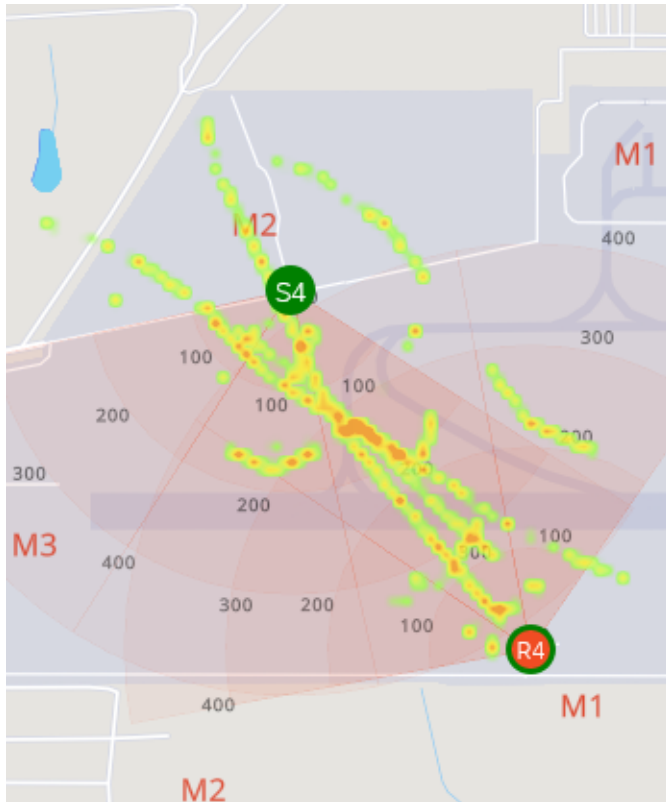


# Hot-Spots of Bird Activity

4.00-10.00

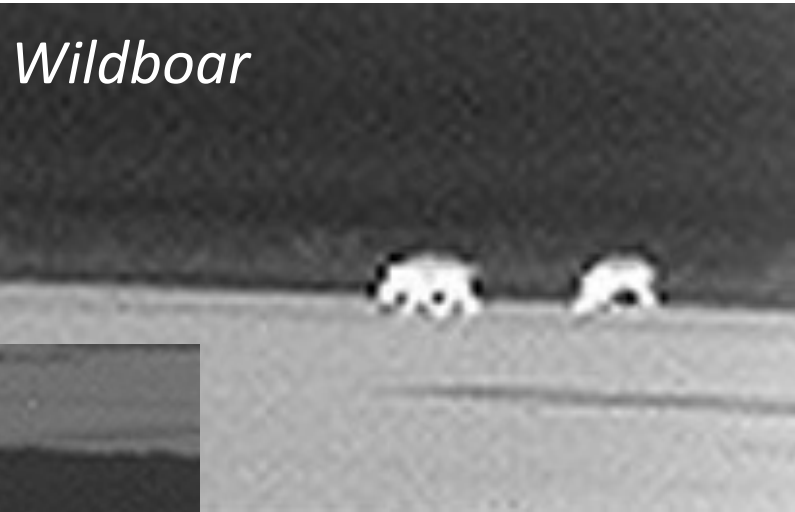
10.00-16.00

16.00-22.00



## Constant monitoring of critical areas

1. Live view day & night
2. Data collecting
3. Wildlife identification



Test pictures not from Gdańsk Airport

