



Robin

The future of Bird Control

Presentation WBA Virtual Conference

Robin Radar Systems
The Hague, 14 January 2021

Introduction

About Robin Radar

Advanced radar
technology

+

State of the art
software

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BIRD STRIKE PREVENTION



DRONE DETECTION

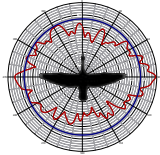


Introduction


Robin Facts & Figures



**30 YEARS OF
SCIENTIFIC RESEARCH**

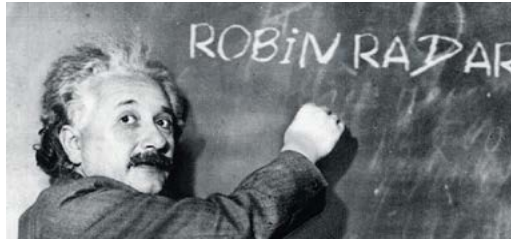


TNO innovation
for life



European Space Agency

**GLOBAL
TECHNOLOGY LEADER**



**TRANSPARENCY, TRUST,
RESPONSIBILITY**



**DEFENCE & SECURITY,
WIND FARMS**



**ESTABLISHED PARTNER
IN MILITARY AVIATION**



**MARKET LEADER IN
CIVIL AVIATION**



Bird Control in future

What lies ahead

- **Increased wildlife activity** at many international airports, habituation effects after significant decrease in flight numbers caused by COVID-19*
- Regulation remaining noncommittal, increased demand for **environmental impact analysis** based on radar data
- **Airport liability challenged** by a growing number of airlines, demanding additional guarantees on wildlife hazard mitigation
- **Drone use growing explosively** causing safety incidents at airports, Bird Control will play an important role in Counter UAS



Bird Control in future

Why act now



Bird Control in future

Proposed solution: avian radar

Tactical

- Unique **complementary capabilities** compared to human observation
- Unprecedented **situational awareness**, allowing faster response times
- Enabling **identifying important patterns** such as migration routes

Strategic

- Move from counting bird strikes to proactively measuring **bird activity KPIs, integrated into your SMS**
- **Benchmark with peers** within the international airport community



Bird Control in future

Alternative solutions

Avian Radar Trial

- Experience radar performance first hand, in your own airport environment
- Get internal stakeholders on board

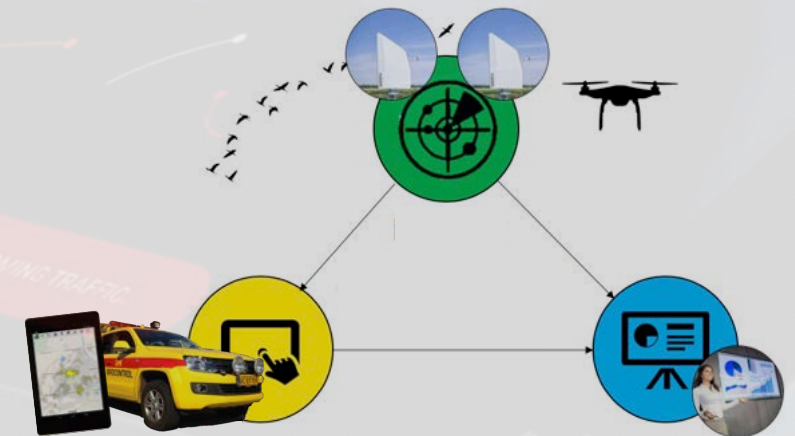
Radar As A Service (RAAS)

- Rental solutions
- Data Subscription model

CAPEX → OPEX

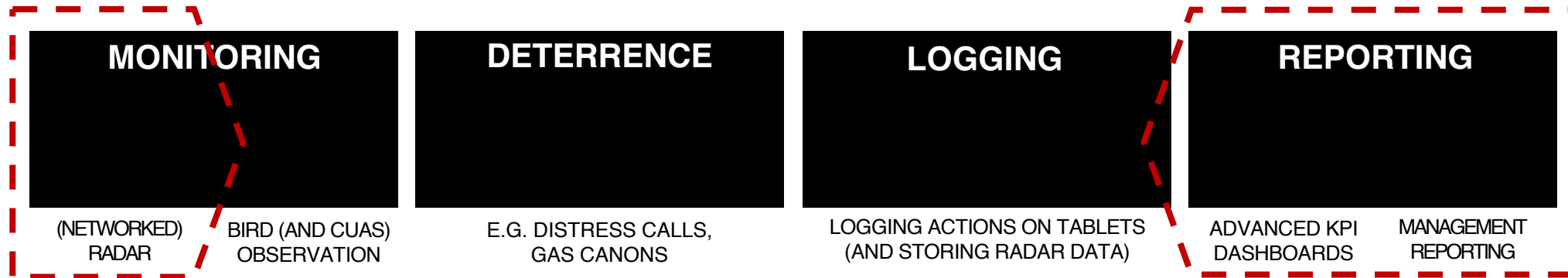
Networked, multi-purpose radar

- Merging bird and drone data into one picture



Conclusion

The future of Bird Control



Next steps

Let's stay in touch



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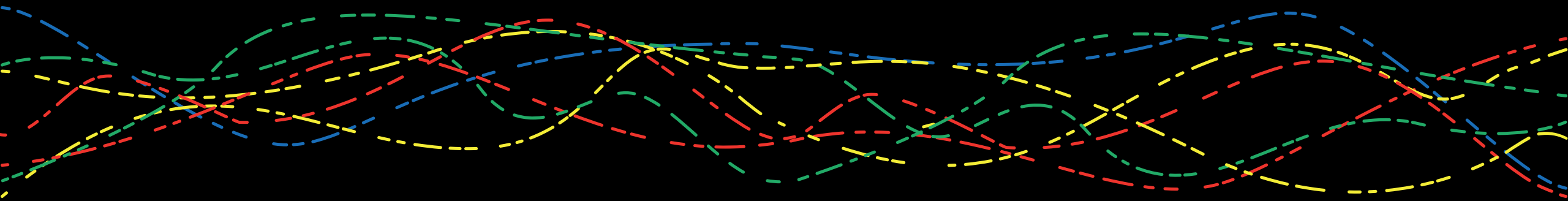
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