

# Tablet-based Documentation System *Aerolog<sup>2go</sup>* for Airports

## Presentation Event

26 March, 2014

TONI Bird Control Solutions GmbH & Co. KG

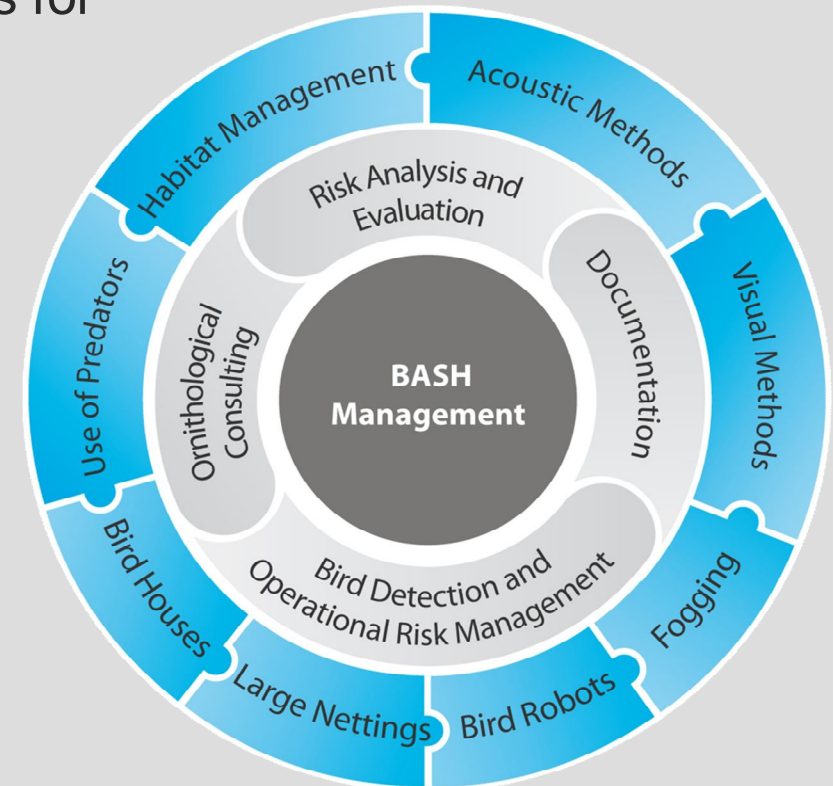
Lucas Coe-Starr, Ornithologist/Project Manager

# TONI – Independent Bird Control Specialist

- ✓ Since 2001, TONI Bird Control Solutions has deterred birds from real estate, industrial parks, municipalities and agriculture
- ✓ Our team: a network of bird control specialists, installers, pest controllers, ornithologists and falconers.
- ✓ Since 2009, we offer bird strike prevention services for European airports.

Our concept: combination of bird control technologies to minimize habituation of birds to one single technique.

- ✓ E-Learning System for airport BCU developed for London-Gatwick
- ✓ *Aerolog<sup>2go</sup>* - Documentation System for Airports
- ✓ Management System for BCU Teams  
Further details: [www.birdcontrol.aero](http://www.birdcontrol.aero)



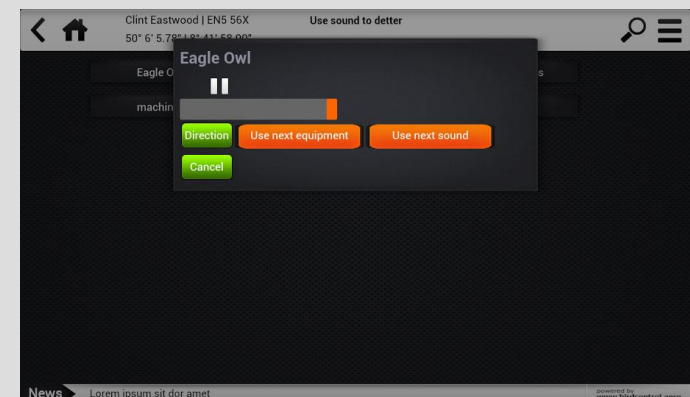
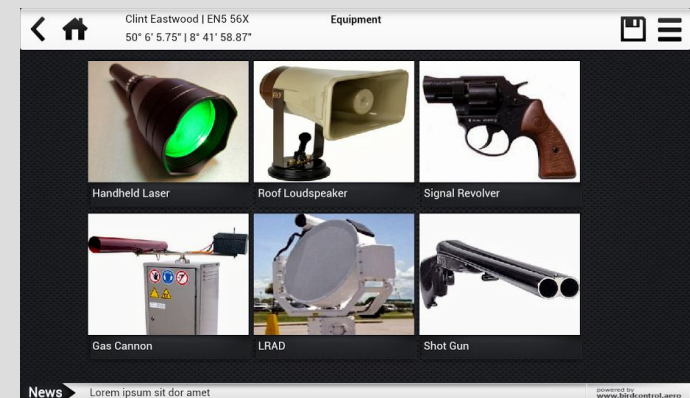
# Tablet-based Documentation System *Aerolog<sup>2go</sup>*

- ✓ Documentation of bird strikes or bird strike near events is mandatory (beware litigation)
- ✓ State-of-the-art tracking and reporting, tablet-based system *Aerolog<sup>2go</sup>* developed for airport bird/wildlife control and runway inspection
- ✓ Supports BCU with daily routines for bird/wildlife control and other routines. Integrates pictures/videos of spotted birds for better documentation
- ✓ Distress calls included, fixed car-top loudspeakers facilitated. All available bird control equipment can be integrated.
- ✓ Integration of airport's standard map with full GPS positioning and automatic position logging



# Tablet-based Documentation System *Aerolog<sup>2go</sup>*

- ✓ Meets requirements of authorities and litigators
- ✓ Data confidentiality insured throughout entire workflow
- ✓ Full team capabilities (client-server-architecture)
- ✓ To Do's for bird controller editable by manager; status bar with messages always displayed
- ✓ Automatic identification of High-Risk Points (HRPs) based on cluster analysis
- ✓ Alerts/forced entries freely programmable
- ✓ Reporting functions can be tailored to airport's needs
- ✓ Can cover as large an area as needed (e.g. 13k)
- ✓ Integration with bird radar units possible
- ✓ Other routines integrated (FOD, vehicle checks)



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## Example: Bird Identification

- ✓ Integrated bird encyclopaedia
- ✓ Picture and video capturing facility for later analysis

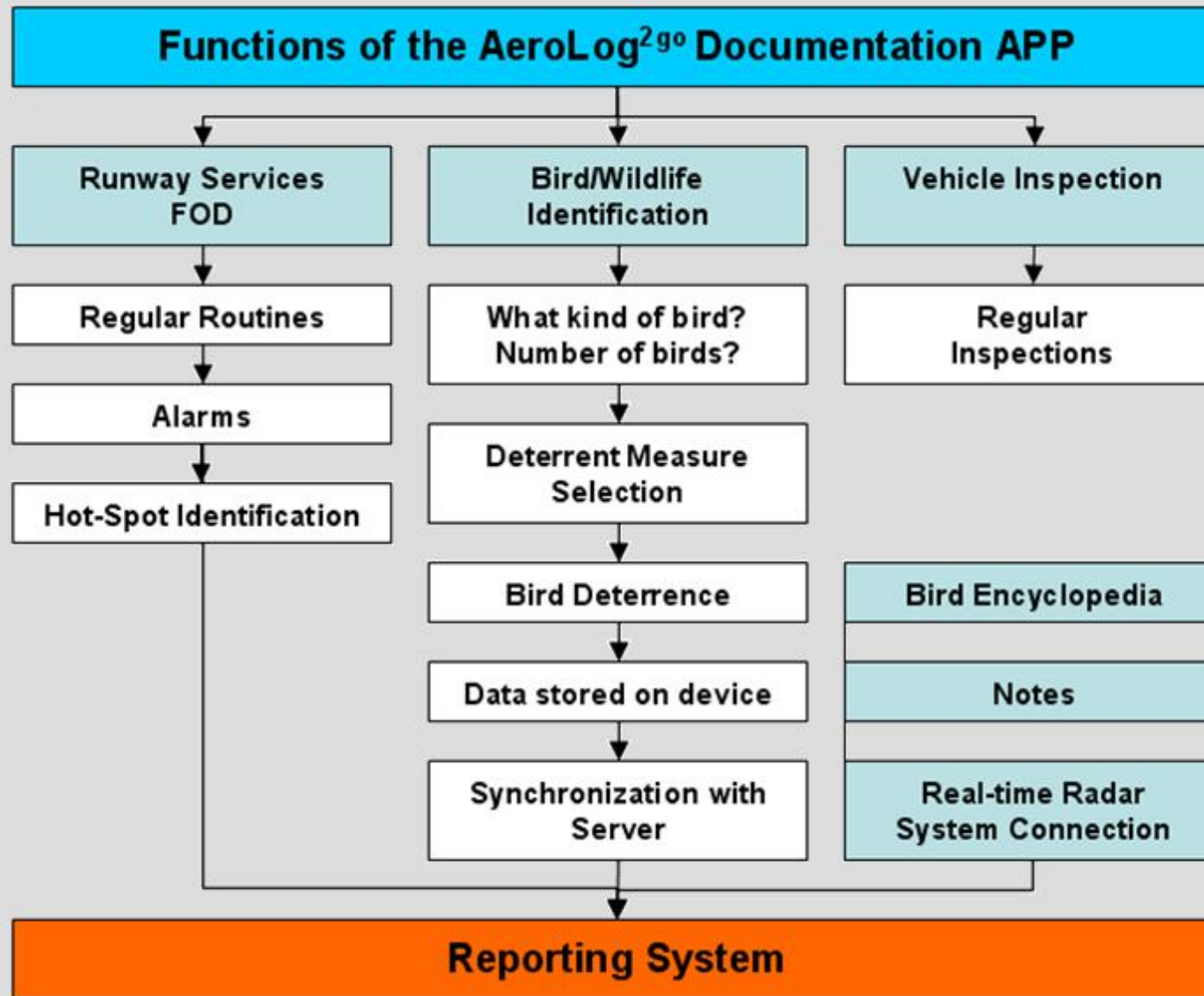


## Example: High-Risk Point Identification

- ✓ Cluster analysis based on daily input bird data
- ✓ High risk points can be identified and addressed specifically (i.e. alerts)
- ✓ Automatic long-term analysis possible



# Tablet-based Documentation System *Aerolog<sup>2g0</sup>*



# Tablet-based Documentation System *Aerolog<sup>2go</sup>*

Aerolog<sup>2go</sup>

→ Bagahwana Airport

## Daily Issue report

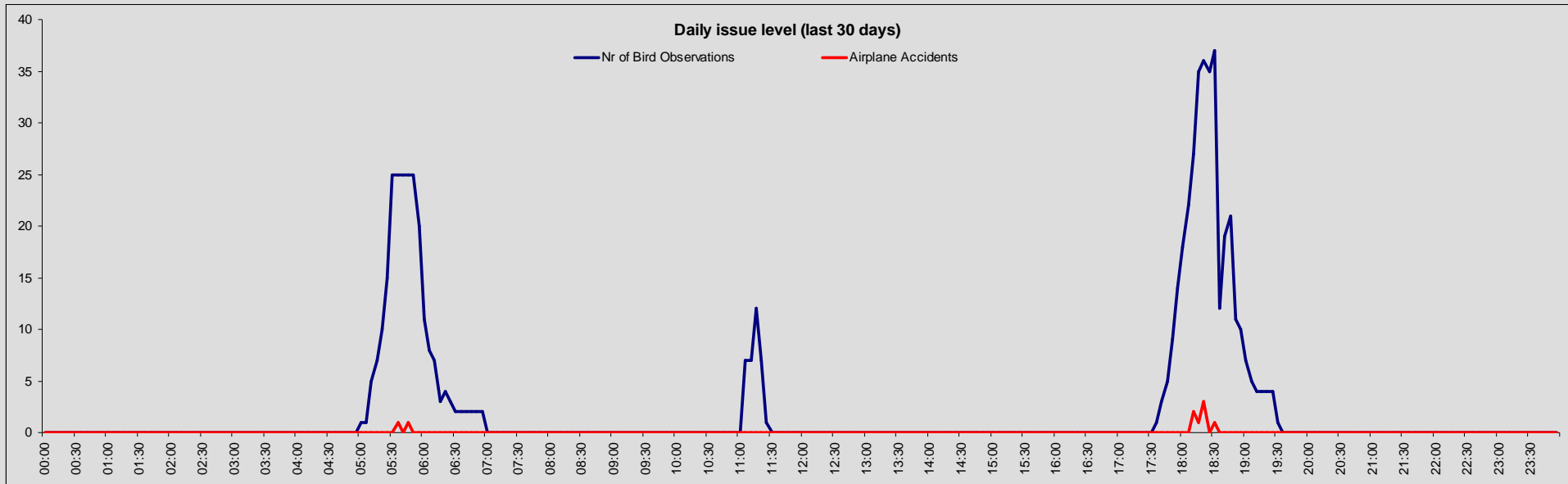
Date: 02.06.2013  
BUC: William Gatsby

	Time	Place	Issue	Action taken	Result	Direction	Notes
1	05:10	B2 (8°12'34,2"E/58°01'31,2"N)	100+ Starling	deterr	deterred	NW	
2	09:15	D2 (8°12'38,2"E/58°01'31,9"N)	Swan	deterr	no reaction		
	09:16	D2 (8°12'38,2"E/58°01'31,9"N)	Swan	killing	killed		Corpse removed from the landing strip
3	11:35	E1 (8°12'34,0"E/58°01'30,2"N)	8 Boar	deterr	deterred	SSE	

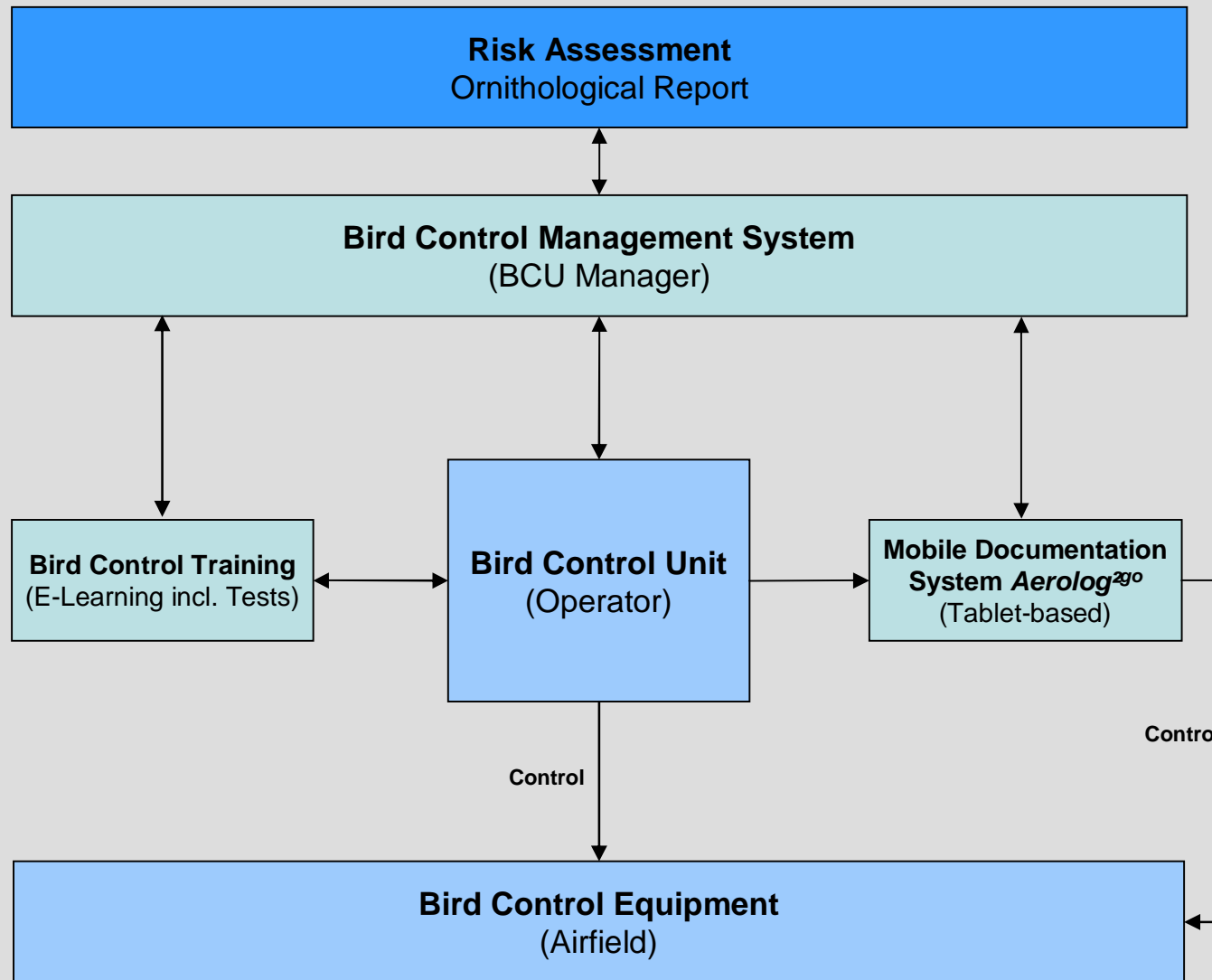
BUC: Mandy Weber

	Time	Place	Issue	Action taken	Result	Direction	Notes
1	14:10	A2 (8°12'34,2"E/58°01'31,2"N)	Tire remains	remove	removed		Tire remains removed from the taxiway
2	18:10	A2 (8°12'34,1"E/58°01'31,2"N)	2 Pigeon	deterr	deterred	W	
3	19:30	D1 (8°12'34,0"E/58°01'32,0"N)	8 Boar	deterr	deterred	SSE	
4	19:50	D1 (8°12'34,0"E/58°01'32,0"N)	8 Boar	deterr	deterred	S	

	A	B	C	D	E	F
1	0	1	2	3	0	1
2	3	4	8	13	18	12
3	0	2	8	16	23	23
4	1	7	2	23	15	12
5	2	5	2	9	1	3



# System Integration







# Thank you for your attention!

Any questions? We are happy to help!

[www.birdstrike.aero](http://www.birdstrike.aero) (Aviation industry)  
[www.birdcontrolsolutions.net](http://www.birdcontrolsolutions.net) (Real Estate)

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