Practical Aerial Hacking & Surveillance

Glenn Wilkinson
SensePost

DefCon 2014

SensePost.com

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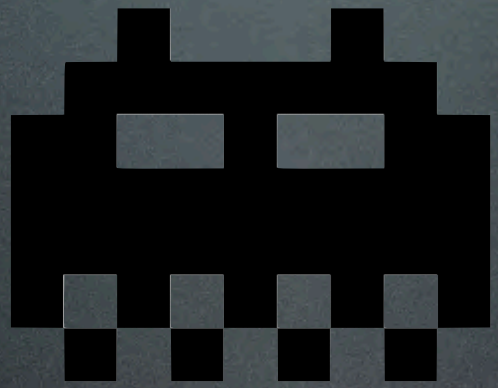
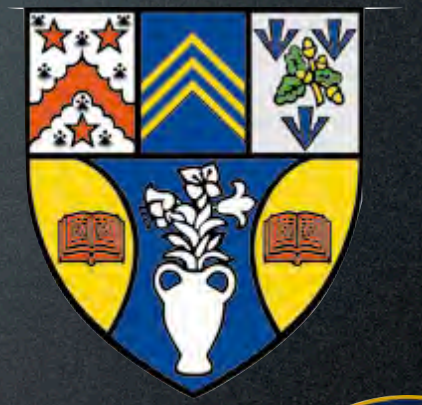
black hat

secure
2013

44CON

ZaCon





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Practical Aerial Hacking & Surveillance?

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Hacking?

Aerial?

Surveillance?

Practical?

Why oh why bring “drones” into ?

Why we should fight it (as researchers)

44CON 2013

HTTP://44CON.COM

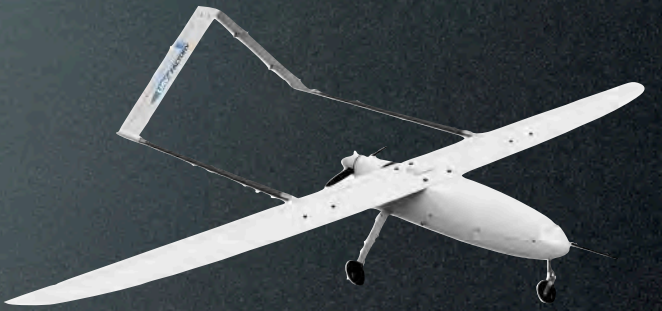
@44CON

https://www.youtube.com/watch?v=BlVjdUkrSFY

Recipe

- Aerial Platform
- Ground control / automation
- Hacking / surveilling equipment
- A methodology

1. Aerial Platform



Practicality

Barrier to entry

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2. Ground Control / Automation

3. Equipment

4. Methodology

It's already ground based...

Retail

pathintelligence

euclid

Military

DRONE SURVIVAL GUIDE

د بې پیلوټه الوتکو د پایښت لارښود

http://dronesurvivalguide.org

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Conference	Unique Devices	Number of Attendees	Device Per Person
BlackHatVegas ‘12	4778	6500	0.74
ITWeb ‘12	1106	400	2.77
44CON ‘12	969	350	2.77
BlackHatEU ‘13	681	607	1.12
Securitay ‘13	375	100	3.75
BSides ‘13	208	474	0.44
Hackito ‘13	309	400	0.77
CERT Poland ‘13	598	500	1.2
ZeroNights ‘13	507	600	1.18
BlackHat Brazil ’13	719	?	
BlackHat Asia ’14	398	500	0.80

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