



NOTIFY ISSUE #102 (PUBLIC) WEEKLY THREAT INTELLIGENCE

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UAS HACKING, HARDENING AND DEFENCE

DOCUMENT CONTROL

PREPARATION

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This document is a summary of real-time incidents released within the [Notify UAS Threat Intelligence Platform](#). If you have been forwarded this document, subscribe for future updates: [here](#).

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1. THREAT INTELLIGENCE

1.1. FEATURED ADVISORIES

The prioritisation table and how we filter, analyse and visualise the intelligence we collect is located at the end of the document.



Figure 1: Can't see this? Contact us to sign up for Notify PRIVATE



Figure 2: Can't see this? Contact us to sign up for Notify PRIVATE

1.2. NON-CONFLICT NEWS AND EVENTS (P3)

Multiple contraband drone deliveries to Liverpool prison due to infrastructure weakness

<https://www.liverpoolecho.co.uk/news/liverpool-news/drone-drops-hmp-liverpool-blamed-22237983>

Tampa Bay reports increase in drone activities, safety concerns of mid-air collisions grow

<https://www.wfla.com/8-on-your-side/drones-sparking-increasing-concerns-in-tampa-bay-skies/>

Near miss at 9000ft between Swiss Air Force aerobatic team and drone within 10m over NFZ

https://www.bazl.admin.ch/bazl/fr/home/fachleute/sicherheits--und-risikomanagement/stay-safe-/empfehlungen--sand-/airprox_patrouille_suisse_mit_drohne.html

Group of prisoners arrested as group uses drones to send drugs and money to prisons



Figure 3: Potential canary drones and a DJI Matrice 300 RTK used by the gang (picture source: Tiago Lança)

<https://g1.globo.com/rs/rio-grande-do-sul/noticia/2021/11/19/presos-suspeitos-de-integrar-grupo-que-usa-drone-para-enviar-drogas-e-dinheiro-para-presidios-no-rs.ghtml>

<https://globoplay.globo.com/v/10061486/>

1.3. CONFLICT NEWS AND EVENTS (P3)

Arab Coalition destroys Houthi drone targeting Abha International Airport, Saudi Arabia

<https://www.presstv.ir/Detail/2021/11/18/670866/Saudi-led-coalition-strikes-four-Yemeni-provinces-drone-attack>

Houthi suicide drone targeting Jazan destroyed by Saudi defences

<https://www.arabnews.com/node/1971011/saudi-arabia>

Pakistani drone spotted entering Indian border, shots fired to drive drone back

<https://english.newstracklive.com/news/bsf-did-firing-at-pakistan-drone-in-punjab-border-mc23-nu764-ta322-1192985-1.html>

Houthi drone targeting Najran Airport destroyed, fragments land in Al-Araysah, no casualties

<https://www.arabnews.com/node/1972456/saudi-arabia>

Possible Pakistani drone spotted in Rajouri of Jammu and Kashmir, India

<https://www.greaterkashmir.com/todays-paper/kashmir-todays-paper/suspected-drone-movement-in-rajouri-poonch-vital-installations-highway-can-be-target>

Pakistani drone spotted in Poonch of Jammu and Kashmir, search operations carried out

<https://www.risingkashmir.com/Drone-like-object-spotted-in-Poonch--search-Op-launched-95573>

1.4. SOCIALS (P3)

French military DJI Mavic 2 drone taken down via a sling shot, Kaya, Burkina Faso



Figure 4 & 5: French DJI Mavic 2 shot down by a slingshot

https://twitter.com/nyeusi_waasi/status/1462111132689350658

Video of Houthi drone destroyed by Saudi Air Defences over Najran captured

www.reddit.com/r/CombatFootage/comments/qz6pa1/video_shows_the_destruction_of_a_lowflying_houthi/

COVID19 protesters use drones to surveil police, guide crowds in Melbourne, Australia

<https://www.instagram.com/reel/CWfJcC9lgvl/>

Drone flies over and records videos of COVID19 protests in Perth, Australia

<https://t.me/SGCovidDiscussions/214929>

Ukrainian Armed Forces release video of drone payload drop on militants in Donetsk

https://www.reddit.com/r/CombatFootage/comments/qy6pwu/ukrainian_armed_forces_drone_pilot_liquidates_on_e/

Iran attempted to deliver explosives from Syria to the West Bank using a Shehad UAV

<https://twitter.com/manniefabian/status/1463075666866409475>

Man arrested for manufacturing bombs for suicide drones for Mexican cartel members

Figure 6: DJI Mavic 2 drone used as a suicide drone with an explosive payload

<https://www.instagram.com/p/CWlg5acspWt/>

<https://www.youtube.com/watch?v=JWzWxj7ejo4>

<http://www.borderlandbeat.com/2021/11/bad-boy-apprehended-for-making.html>

CJNG cartel members equipped with signal jammers, possibly to counter drones

Figure 7: CJNG cartel member with signal jammer strapped on

<https://twitter.com/Elblogdelosgua1/status/1462611745143414787>

1.5. WHITEPAPERS, PUBLICATIONS & REGULATIONS (P4)

No Drone Zone enacted in Nantucket for USA President's visit

<https://www.bostonherald.com/2021/11/23/secret-service-enacts-no-drone-zone-in-nantucket-for-joe-biden-thanksgiving-visit/>

Drones carrying explosives are the most concerning tactical development since IED in Iraq (commentary)

<https://www.theportugalnews.com/news/2021-11-22/killer-drones/63682>

Tucson Police helicopter chased similar craft five years before recent mystery drone incident (Commentary)

<https://www.thedrive.com/the-war-zone/43170/helicopter-chased-eerily-similar-craft-five-years-before-recent-tucson-mystery-drone-incident>

Swords and Shields: Autonomy, AI and the Offense-Defense Balance (Commentary)

<https://gjia.georgetown.edu/2021/11/22/swords-and-shields-autonomy-ai-and-the-offense-defense-balance/>

US in danger of losing drone wars as China and Russia beef up aircraft arsenal in growing arms race (Commentary)

<https://www.thesun.co.uk/news/16695362/us-danger-losing-drone-war-china-russia-arms-race/>

Weaponised drones are likely coming to the U.S. (Commentary)

<https://californianewstimes.com/weaponized-drones-are-likely-coming-to-the-u-s/593950/>

Integrating Counter-UAS Systems into the UTM System for Reliable Decision Making

<https://arxiv.org/pdf/2111.07291.pdf> (PDF Document)

1.6. COUNTER-DRONE SYSTEMS (P4)

Morocco purchases five Israeli Skylock Dome counter drone system to strengthen defences

<https://english.alaraby.co.uk/news/morocco-purchase-israels-skylock-dome-anti-drone-system>

Australian Defence ministry selects DroneShield for EW/AI contracts within the C-UAS space

<https://www.unmannedairspace.info/counter-uas-systems-and-policies/australian-defence-ministry-selects-drone-shields-ai-technology-expands-c-uas-and-sensor-fusion-capabilities/>

Cerbair and KEAS partner on counter-drone technologies

<https://www.forcesoperations.com/cerbair-et-keas-une-alliance-pour-conquerir-le-marche-de-la-lutte-anti-drones/>

1.7. CYBER AND DATA SECURITY (P5)

Drones to face scrutiny from the Australian government over national security risks

<https://www.theguardian.com/australia-news/2021/nov/17/scott-morrison-says-5g-vaccines-and-drones-among-technologies-to-face-greater-national-security-scrutiny>

1.8. UTM SYSTEMS (P5)

Indian Paras Aerospace and Israeli High Lander launches Universal UTM for BVLOS drone flights

<https://theprint.in/ani-press-releases/paras-aerospace-india-launches-universal-utm-from-high-lander-israel-enabling-bvlos-missions-in-india/768361/>

1.9. INFORMATIONAL (P5)

Use of Autel Evo 2 drone by Verdigris PD helps find missing child, Claremore, USA

https://www.claremoreprogress.com/news/missing-child-found-verdigris-pd-uses-drone-to-locate-missing-child/article_b62f8c14-47e4-11ec-965b-6f7a4d583e1a.html

Russellville PD and FD to incorporate DJI Mavic 2 and Matrice 300 drones into operations

https://www.couriernews.com/news/drones-assisting-police-fire-departments/article_0b78515e-cc65-509b-a9bc-97a1d76384e9.html

Colombia to use drones to monitor border activities with Venezuela

<https://ultimasnoticias.com.ve/noticias/politica/colombia-desplegara-drones-en-la-frontera/>

For Appendix items please click [this link](#).