



NOTIFY ISSUE #89 (PUBLIC)

WEEKLY THREAT INTELLIGENCE

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UAS HACKING, HARDENING AND DEFENCE

DOCUMENT CONTROL

PREPARATION

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1. THREAT INTELLIGENCE

1.1. FEATURED ADVISORIES

The prioritisation table and its dependencies are explained in Appendix A, and relate to how we filter, analyse and visualise the intelligence we collect.



Figure 1 - Featured reports are part of the PRIVATE Notify UAS Threat Intelligence subscription - contact us to sign up.



Figure 2 - Featured reports are part of the PRIVATE Notify UAS Threat Intelligence subscription - contact us to sign up.

1.2. NON-CONFLICT NEWS AND EVENTS (P3)

Suspected drone activity above Pakistani prime minister's residence and other buildings

<https://www.dawn.com/news/1641430/drone-like-device-over-banigala-bhara-kahu-keeps-islamabad-police-on-their-toes>

Maoists refute drone strike allegations over Burgi police station, claiming no possession

<https://timesofindia.indiatimes.com/city/nagpur/maoists-refute-drone-attack-allegations-claiming-they-have-none/articleshow/85468636.cms>

Tennessee Town Commissioner faces charges for shooting down a drone with a gun

<https://newschannel9.com/news/local/calhoun-tenn-town-commissioner-charged-with-shooting-mans-drone-out-of-sky>

Los Alamos National Laboratory issues no drone flight warning over its airspace

https://www.santafenewmexican.com/news/local_news/dont-fly-drones-in-restricted-airspace-lanl-says/article_48c2dd82-04ed-11ec-bbc4-4352c1876312.html

1.3. CONFLICT NEWS AND EVENTS (P3)

Drone attack on Jammu Airport was launched from within Jammu (update)

<https://www.sundayguardianlive.com/news/two-drones-used-airport-attack-launched-jammu>

USA Air Force down Iranian drone flying close to deployed US troops in Syria

<https://www.timesofisrael.com/us-forces-down-iranian-drone-in-eastern-syria-report/>

BSF fire light machine gun rounds at Pakistani drone forcing retreat

<https://www.republicworld.com/india-news/general-news/suspected-drone-pushed-back-to-pakistan-bsf-to-send-protest-note.html>

Saudi Arabia destroys Houthi suicide drone and ballistic missile launched from Yemen

<https://yemenonline.info/politics/5743>

<https://www.arabnews.com/node/1916101/saudi-arabia>



1.4. SOCIALS (P3)

Turkish drone strike on Syrian public relations center in Tal Tamer kills multiple personnel

<https://twitter.com/idliben/status/1428390750249787402>

Two PKK militants killed in a drone strike in Syria

<https://twitter.com/metesohtaoglu/status/1428684628777439235>

IDF retaliates with drone strikes in Gaza against Hamas militants launching incendiary balloons

<https://twitter.com/auroraintel/status/1429903397315022854>

1.5. WHITEPAPERS, PUBLICATIONS & REGULATIONS (P4)

Drones effective in helping police to ensure security, control borders in Malaysia (commentary)

<https://www.theborneopost.com/2021/08/19/bukit-aman-drones-effective-in-helping-police-to-ensure-security-control-borders/>

1.6. COUNTER-DRONE SYSTEMS (P4)

MZA Associates to develop counter drone laser weapon system for US Navy

<https://www.shephardmedia.com/news/air-warfare/mza-associates-develop-c-uas-laser-solution/>

Citadel Defense awarded USD\$6M to develop AI-powered counter drone solution

<https://www.unmannedsystemstechnology.com/2021/08/ai-powered-counter-drone-solution-to-be-be-deployed-at-sensitive-us-locations/>

DroneShield releases self-contained navigation system, CompassOne, for CUAS and SATNAV uses

<https://www.suasnews.com/2021/08/dronesshield-compassone/>

ELTA North America delivers five mobile counter drone vehicles to US DoD and DHS

<http://theuavdigest.com/news/?rkey=20210824PH82223&filter=8631>

Honeywell and InfiniDome collaborate to mitigate GPS jamming on drones

<https://www.ainonline.com/aviation-news/aerospace/2021-08-24/honeywell-and-infinidome-tackle-gps-jamming>

1.7. INFORMATIONAL (P5)

Thermal imaging drone helps spot missing intoxicated kayaker, Boone County, Iowa

<https://www.siouxlandproud.com/news/iowa-news/drone-helps-in-rescue-of-kayaker-reported-missing-on-iowa-river/>

Drone helps police arrest man with anti-social behaviour, biting and attacking police officer

<https://westbridgfordwire.com/armed-police-drones-and-dogs-capture-man-on-victoria-embankment-after-officer-assaulted-in-clifton-incident/>

Police employ drone and Google Maps to search for missing person over wooded areas

<https://www.news5cleveland.com/news/local-news/oh-medina/police-use-drone-to-search-for-missing-medina-township-mother>

Western Berks FD adds DJI Matrice 300 for high risk and large scale incidents

<https://berksweekly.com/news/western-berks-fire-department-adds-drone-for-high-risk-large-scale-incidents/>

Lee County PD acquires Autel's first fixed wing VTOL drone, Dragonfish, with 2 hours flight time

<https://dronelife.com/2021/08/18/autels-fixed-wing-drone-florida-sheriff-acquires-first-dragonfish/>

1.8. DRONE TECHNOLOGY (P5)

Honeywell develops 600W and 1200W hydrogen fuel cell to enhance drone flight duration

<https://www.honeywell.com/us/en/press/2021/08/new-honeywell-technology-for-light-drones-increases-range-threefold-with-cleaner-quieter-hydrogen-fuel-cells>

Indo Wings launches new drone with 360-degree radar sensor with 65mins flight time

<https://indiaeducationdiary.in/india-witnesses-the-launch-of-its-most-advanced-drone-cyber-one/>

UAV Factory releases Penguin C Mk2 VTOL done with 14 hours endurance and 90x camera zoom

<https://uavfactory.com/en/news/uav-factory-announces-vtol-system-release-and-it-is-game-changing>

Paladin introduces autonomous drone platform for first responders and emergency services

<https://dronedj.com/2021/08/23/autonomous-drones-first-responders/>

Kalashnikov group unveils suicide drone, Cube, ready for delivery to Russian military

<https://ria.ru/20210822/drony-1746733526.html>

U.S. Navy awards PteroDynamics for drone delivery, 15 pounds payload at 50nm distance

<https://www.businesswire.com/news/home/20210823005165/en/PteroDynamics-Secures-Contract-with-US-Navy-to-Deliver-Cargo-VTOL-Aircraft>

1.9. UTM SYSTEMS (P5)

Switzerland announces voluntary Network Remote Identification for drone operations

<https://www.uasvision.com/2021/08/23/switzerland-launches-first-nationwide-network-remote-identification-service-for-drones/>

UK CAA releases sandbox challenge for detect and avoid solutions for BVLOS drone operations

<https://www.unmannedairspace.info/emerging-regulations/uk-cao-seeks-participants-to-participate-in-detect-and-avoid-technology-sandbox-challenge/>

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