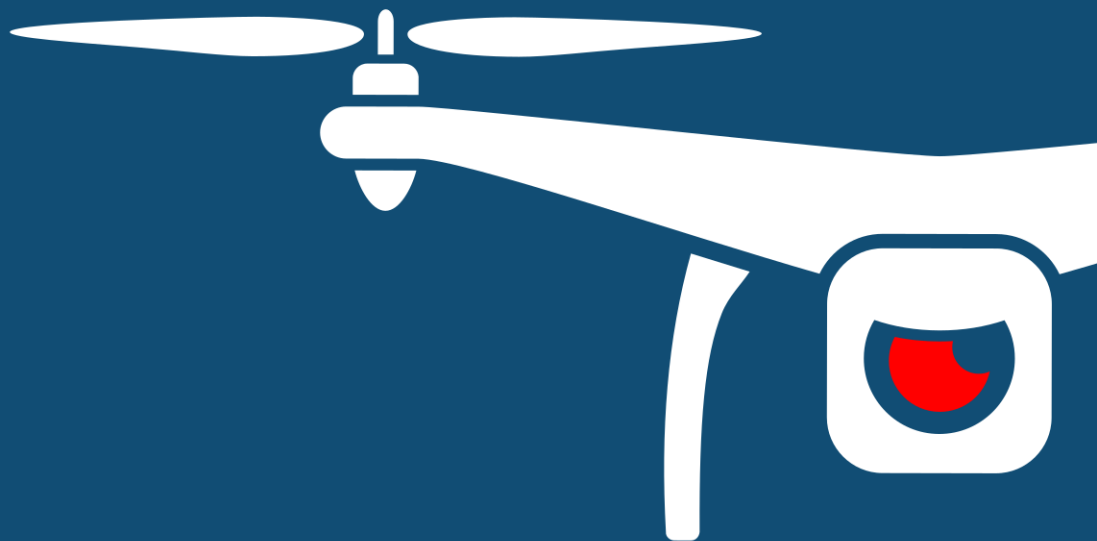




NOTIFY ISSUE #80 (PUBLIC)
WEEKLY THREAT INTELLIGENCE

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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 - Need access to curated analysis? Speak to us today about a PRIVATE subscription plan info@dronesec.com





Figure 2 - Need access to curated analysis? Speak to us today about a PRIVATE subscription plan info@dronesec.com

1.2. NON-CONFLICT NEWS AND EVENTS (P3)

Drone sighted in restricted airspace by plane flying over Ontario, Canada

<https://avrodex.com/view/2021O0681>

Drone sighting in Lytton, Canada halts helicopters fighting wildfire

<https://www.vicnews.com/news/drone-sighting-halts-helicopters-fighting-250-hectares-of-b-c-wildfire/>

Civil plane at Montreal Trudeau International Airport reported drone sighting during landing

<https://avrodex.com/view/2021Q1515>

Plane sighted drone while on descent into Regina Airport, Canada

<https://avrodex.com/view/2021C2200>

Westport official issues warning on flying drones near birds' nests

<https://www.thehour.com/news/article/Westport-official-warns-drones-are-harmful-to-16256116.php?src=nwkhpdsecp>



1.3. CONFLICT NEWS AND EVENTS (P3)

Iraqi army shoots down two suicide drones near Baghdad

<https://www.thenationalnews.com/mena/iraqi-army-shoots-down-two-drones-near-baghdad-after-suspected-militia-operation-1.1242371>



Saudi-led coalition intercepts Houthi drone launched towards Khamis Mushait

<https://www.wionews.com/world/saudi-led-coalition-destroys-drone-fired-by-yemens-houthis-state-tv-392832>

<https://www.devdiscourse.com/article/law-order/1619380-saudi-air-defences-intercept-houthi-armed-drone-says-state-tv>

<https://english.alarabiya.net/News/gulf/2021/06/17/Saudi-Arabia-intercepts-destroys-Houthi-drone-launched-towards-Khamis-Mushait>

11 explosive drones launched by Houthi intercepted by Saudi coalition

<https://sputniknews.com/middleeast/202106191083191081-saudi-media-share-video-of-coalition-destroying-houthi-explosive-drones-launched-toward-kingdom/>

Pakistani drone sighted by BSF in Gurdaspur district

<https://www.aninews.in/news/national/general-news/pakistani-drone-noticed-by-bsf-in-punjab-dera-baba-nanak20210618110216/>

Yemeni Army shoot down US ScanEagle drone flying over Ma'rib

<https://en.mehrnews.com/news/175056/Yemeni-Army-shoots-down-US-spy-drone-over-Ma-rib-sky>

1.4. CYBER AND DATA SECURITY (P4)

European Union creates 'Drones4Sec' federation on UAV Cyber-Security collaboration

<https://www.geospatialworld.net/news/wisekey-joins-forces-with-seven-leading-drone-technology-companies-to-establish-drones4sec-european-federation/>



1.5. WHITEPAPERS, PUBLICATIONS & REGULATIONS (P4)

Drone prohibited from flying over Olympic trials

<https://www.klcc.org/post/drones-prohibited-flying-over-olympic-trials-related-activities>

UK Police given new powers to crack down on dangerously flown drones

<https://www.bbc.com/news/technology-57512513>

Who Watches the New Watchmen? The Challenges for Drone Digital Forensics Investigations

<https://arxiv.org/abs/2105.10917> (PDF Document)

Is drone swarm technology viable for militaries (Commentary)

<https://insideunmannedsystems.com/to-swarm-or-not-to-swarm/>

Building a better UAV ecosystem with open source (Commentary)

<https://www.commercialuavnews.com/security/building-the-android-of-uavs>

EU Terrorism Situation and Trend report 2021 – Denmark men supported IS UAS terror program

<https://media-exp3.licdn.com/dms/document/C4E1FAQGNx2T1mub7Zg/feedshare-document-pdf-analyzed/0/1624381671595?e=1624543200&v=beta&t=A48pZWY2MbcxqlmXkd4fQCqSikv2MTPn-uzwz335N6M>
(pg.37)

1.6. COUNTER-DRONE SYSTEMS (P4)

Anduril Industries announce a \$450m Series D investment raise

<http://blog.eladgil.com/2021/06/anduril-defense-tech.html>

Drone detection pilot program incident results at Ottawa airport

<https://dronedj.com/2021/06/17/drone-detection-pilot-program-at-ottawa-airport-produces-results/>

Israel developing airborne laser system to counter drones

<https://www.channelnewsasia.com/news/business/israel-says-it-is-developing-airborne-laser-to-down-drones-15061836>

South Korea to test new counter drone system to protect military facilities

<https://www.janes.com/defence-news/south-korea-to-test-new-counter-uav-system-aimed-at-protecting-military-facilities/>

US Navy tests DroneShield's DroneSentry-X counter drone solution

<https://www.defenceconnect.com.au/intel-cyber/8236-us-navy-tests-droneshield-s-counter-uas>

1.7. INFORMATIONAL (P5)

New European coalition aims to improve urban air mobility via regional UAM network

<https://www.unmannedairspace.info/latest-news-and-information/new-european-coalition-aims-to-improve-urban-air-mobility-by-establishing-a-regional-uam-network-invites-participants/>



Belgian Federal Police shown to deploy hand-carry counter drone solution at meeting in Brussels

<https://www.thedrive.com/the-war-zone/41093/check-out-the-anti-drone-weapons-carried-by-security-at-biden-meeting-in-brussels>

Fortem Technologies selected to join FAA's UAS BVLOS Aviation Rulemaking Committee

<https://uasweekly.com/2021/06/17/fortem-technologies-selected-to-join-faas-aviation-rulemaking-committee-arc/>

Israeli police chief give approval for use of drones carrying tear gas for riot dispersal

<https://www.timesofisrael.com/tv-police-chief-formally-okays-use-of-low-caliber-bullets-for-riots-in-israel/>

Harford County PD unveils four DJI Mavic 2 Enterprise drones to fight crime

<https://news.yahoo.com/harford-county-sheriffs-office-unveils-222018146.html>

Law enforcement in Spain use drones to monitor and control traffic

<https://www.euroweeklynews.com/2021/06/16/how-the-dgt-uses-drones-to-control-spanish-roads/>

1.8. UTM SYSTEMS (P5)

UK Catapult publishes findings from a six-month simulation of Open Access UTM

<https://www.unmannedairspace.info/latest-news-and-information/uk-catapult-project-publishes-findings-of-3-year-programme-and-shows-path-for-wide-scale-drone-adoption/>

Airwayz Drones partners with Digiland to provide third party U-space services

<https://www.unmannedairspace.info/latest-news-and-information/airwayz-drones-partners-with-digiland-to-provide-third-party-u-space-services/>

Hera Drone Hub announced partnership with Altitude Angel to provide GuardianUTM service

<https://uasweekly.com/2021/06/21/hera-drone-hub-and-altitude-angel-union-a-giant-step-for-urban-drone-environments/>

1.9. DRONE TECHNOLOGY (P5)

Thales offer its ScaleFlyt cloud-based Remote ID solution to civil and military drone authorities

<https://www.unmannedairspace.info/latest-news-and-information/thales-offers-its-scaleflyt-remote-id-cloud-based-remote-id-solution-to-civil-and-military-drone-authorities/>

DARPA's Gremlin project aims to reload drones while airborne

<https://www.popsci.com/technology/darpa-gremlin-drone-program/>

BAE develops stratosphere-flying drone that can remain aloft for a year

<https://dronedj.com/2021/06/21/new-bae-pseudo-satellite-can-remain-aloft-at-70000-feet-for-a-year/>

Researchers create drone that helps locate disaster victims by their screams

<https://www.newsbytesapp.com/news/science/researchers-develop-ai-enabled-drone-to-locate-disaster-victims/story>



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

