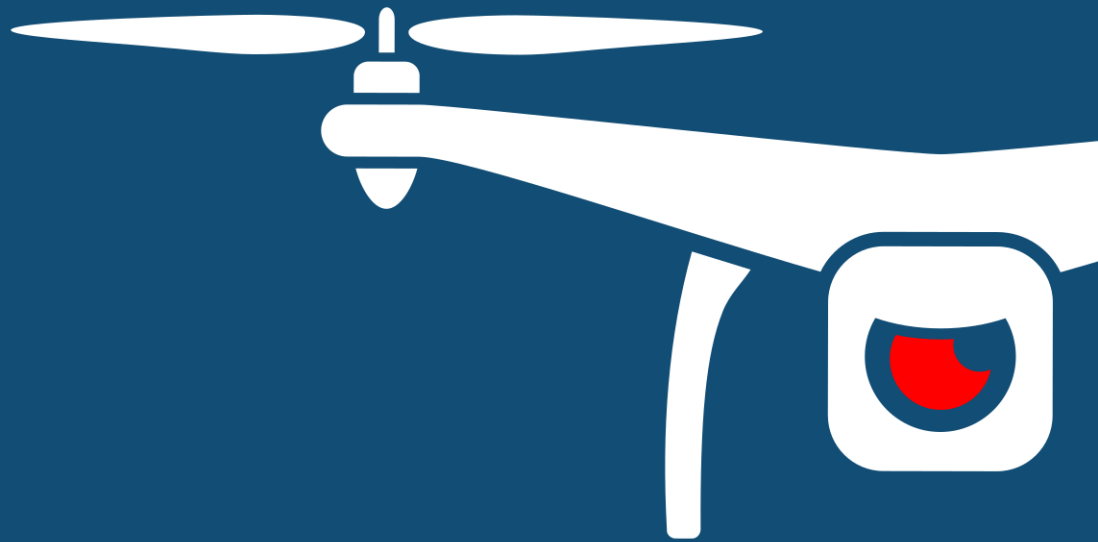




DRONE SEC

NOTIFY ISSUE #112 (PRIVATE) WEEKLY THREAT INTELLIGENCE

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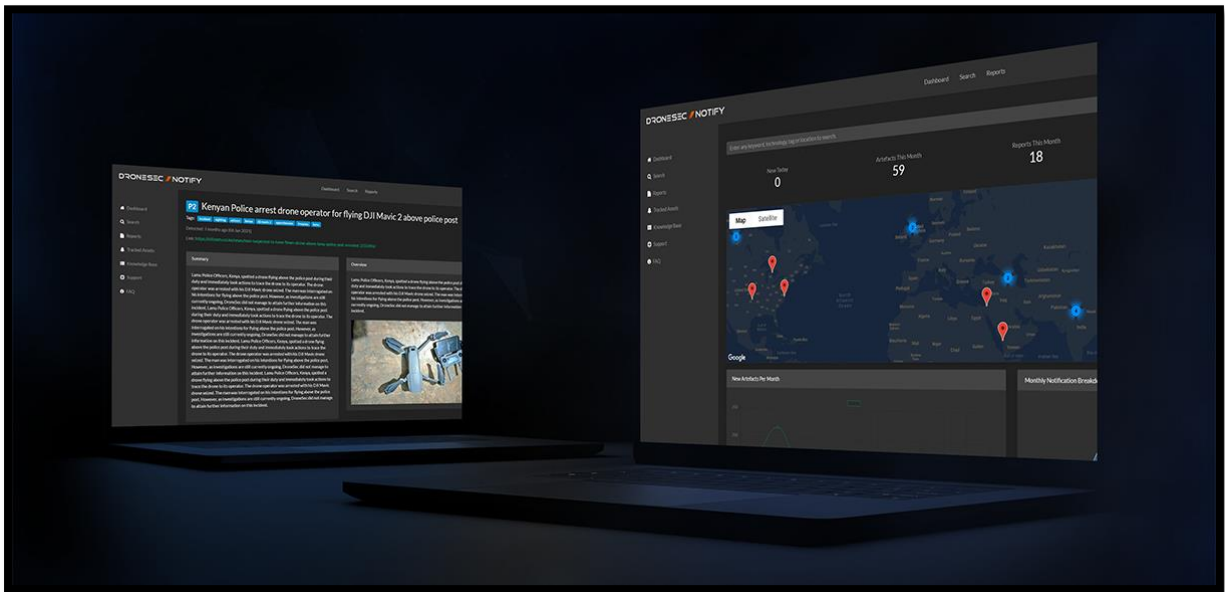
DOCUMENT CONTROL

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. MONTHLY ROLL-UP

As we enter a new year, Notify features an aggregated summary of drone incidents, types and affected sectors in 2022 and collated numerical data on drone incidents. Extended analytics with full database-searchable functionality is only offered to our paid members via the [DroneSec Notify Platform](#).

Below you will find some handy statistics to measure correlation, location and systems involved over data we have collected for January 2022.



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

Executive Summary

The threat landscape for drone security is rapidly evolving. As drone technology becomes more accessible and powerful, the potential for malicious use cases is increasing. This report provides an overview of the current threat landscape, including the types of threats, the actors involved, and the impact on various sectors.

The threat landscape is characterized by a mix of state-sponsored actors, organized crime groups, and lone actors. These actors are leveraging a variety of drone capabilities, including surveillance, reconnaissance, and direct action. The impact of these threats is significant, ranging from the loss of lives and property to the disruption of critical infrastructure and the compromise of sensitive information.

The threat landscape is also characterized by a high degree of innovation and adaptability. Actors are constantly developing new tactics and techniques to evade detection and increase their effectiveness. This requires a corresponding level of innovation and adaptability from the defense and security communities.



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

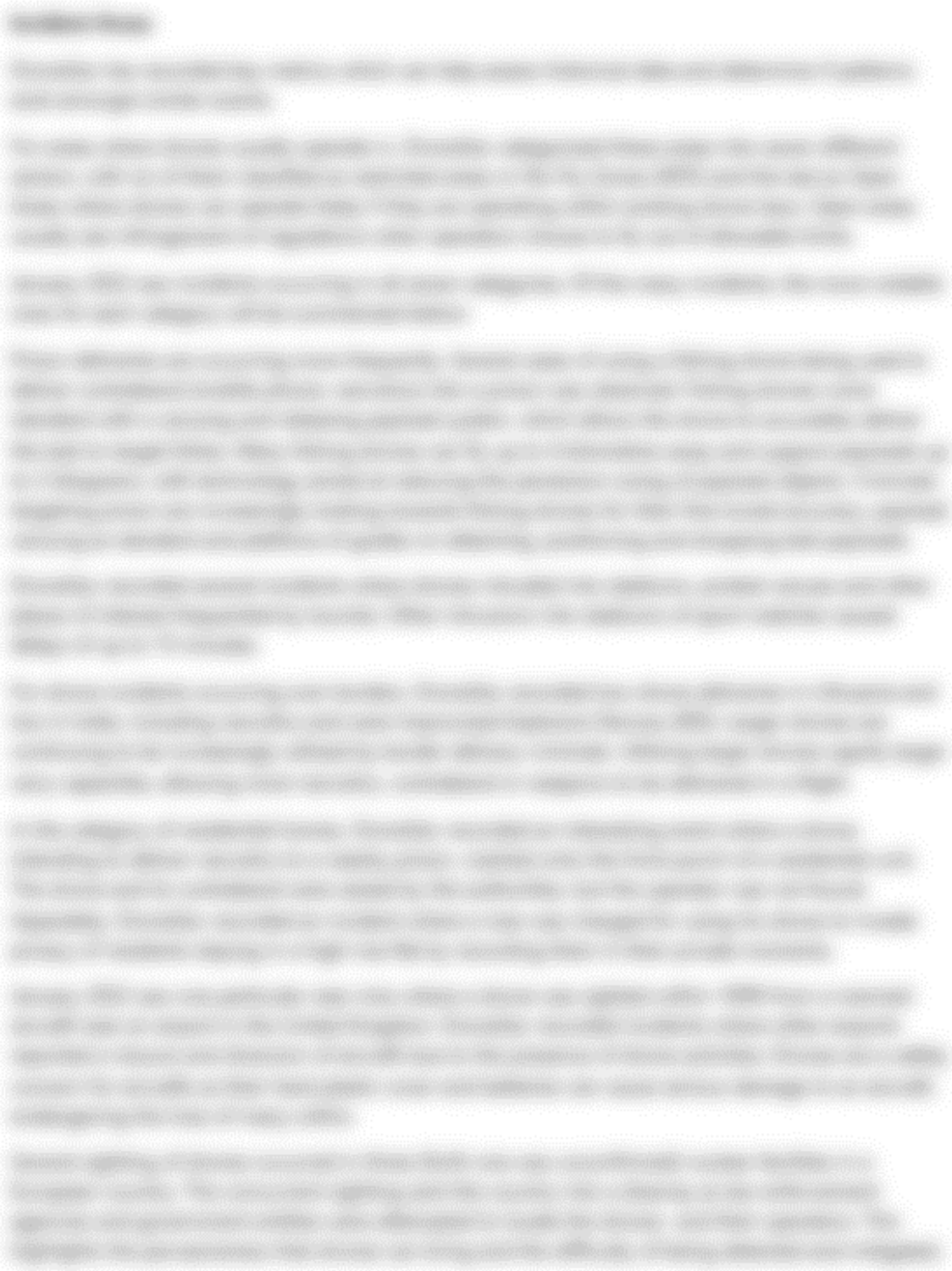


Figure 3- Can't see this? Contact us to sign up for Notify PRIVATE

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Figure 4 - Can't see this? Contact us to sign up for Notify PRIVATE



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Figure 5 - Can't see this? Contact us to sign up for Notify PRIVATE



Figure 6 - Can't see this? Contact us to sign up for Notify PRIVATE

DRONESEC is a leading provider of drone security solutions. We offer a range of services including drone security audits, drone security training, and drone security consulting. We are currently looking for qualified individuals to join our team. If you are interested in this opportunity, please contact us at info@dronesec.com or call us at 020 7000 0000.



Figure 1: Distribution of data across categories.

Summary of the data presented in this figure:
The data shows a significant portion of the total volume is represented by the yellow category, while the orange category represents a smaller, but notable, portion. The remaining categories are minimal in volume.



Summary of the data presented in this figure:
The data shows a significant portion of the total volume is represented by the blue category, while the green category represents a smaller, but notable, portion. The remaining categories are minimal in volume.

Conclusion:
The analysis of the data for January 2022 indicates a clear dominance of the blue and yellow categories, with the green category also showing a significant presence. The remaining categories are negligible in comparison.

– This concludes our monthly roll up for the artefacts we have consolidated for January 2022 –

1.2. 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 7 - Notify PRIVATE access is required to view featured advisories



1.3. NON-CONFLICT NEWS AND EVENTS (P3)

French tourist who flew a drone in Iran accused of espionage and jailed for 8 years

https://www.lemonde.fr/international/article/2022/01/26/un-francais-condamne-a-huit-ans-de-prison-en-iran-en-pleines-negociations-sur-le-nucleaire_6111033_3210.html

US to deploy warship and jets to aid UAE in defending against Houthi drone attacks

<https://www.trtworld.com/middle-east/us-to-deploy-warship-jets-to-help-uae-thwart-houthi-attacks-54320>

Drone flight over FedEx Field stadium leaks name and logo of new Washington football team

<https://dailysnark.com/2022/02/01/washington-had-their-new-team-name-leaked-after-drone-flying-above-stadium-catches-new-logo-inside-stadium/>

Russian citizen arrested after allegedly flying drones over the Swedish Royal Palace

<https://www.uasvision.com/2022/02/02/russian-man-arrested-after-drones-flew-over-swedish-palace/>

DJI Inspire 2 drone suffered extensive damage after crashing into the i360 in Brighton, UK

<https://www.theargus.co.uk/news/19862400.drone-crashed-brighton-i360---accident-report/>

Illegal drone flights causing significant disturbance to wildlife, St Mary's Island, UK

<https://www.chroniclive.co.uk/news/north-east-news/drone-warning-st-marys-island-22737700>

1.4. CONFLICT NEWS AND EVENTS (P3)

Six missiles and drones targeting Baghdad Airport damages unused civilian plane, Iraq

<https://english.alarabiya.net/News/middle-east/2022/01/28/Six-missiles-target-Baghdad-airport-drone-shot-down-Reports>

Ukrainian civilians donating private drones to military in preparation for war against Russia

<https://dronelife.com/2022/01/29/civilian-drones-help-ukraine-ready-for-conflict-as-donations-pour-in/>

Iraqi air defense intercept US drone over Samarra

<https://en.mehrnews.com/news/183396/Iraqi-air-defense-intercepts-US-drone-over-Samarra>

Indian BSF open fire on incoming drone, forcing it to retreat into Pakistani territory

<https://www.tribuneindia.com/news/amritsar/drone-sighted-at-indo-pak-border-365505>

Oman claims to have shot down Iranian-made suicide delta wing drone en-route to UAE

<https://cybershafarat.com/2022/01/29/iranian-suicide-drone-shot-down-oman/>

South Korean soldiers allegedly opened fire at a North Korean drone flown across the DMZ

<https://bigworldtale.com/world-news/north-korea-fires-mystery-ufo-over-the-border-with-south-korea-as-panicked-soldiers-try-to-shoot-the-object-down-with-machine-guns/>

Russian forces drop VOG explosive from drone on crossing checkpoint in Donbas, no injuries

<https://www.ukrinform.net/rubric-defense/3396239-enemy-drone-drops-explosive-on-crossing-checkpoint-at-contact-line-in-donbas.html>

<https://www.facebook.com/pressjfo.news/posts/304650511690266>

Russian forces drop VOG-17 explosive from drone in Donetsk, wounding two

https://gazette.com/news/ukraine-accuses-russian-military-of-using-drone-to-attack-troops/article_ca6aca28-4961-5ae7-a3bc-8b9dafc5aaf4.html

Yemeni army claims to have shot down US-made Scan Eagle drone over Ma'rib

https://en.abna24.com/news//yemeni-army-shoots-down-us-spy-drone-over-marib_1223991.html

1.5. SOCIALS (P4)

Forum discussion on equipping drones with dazzle camouflage to avoid visual detection



Figure 8: Drone with dazzle camouflage skin

<https://boards.4channel.org/k/thread/51752152>

Illegal drone footage and flights over large protest, Canada

<https://www.youtube.com/watch?v=4L-BTvuRJEE>

<https://twitter.com/EvanLSolomon/status/1487560110071336962>

1.6. WHITEPAPERS, PUBLICATIONS & REGULATIONS (P4)

Indian Police extend drone No-Fly-Zone ban in Nagpur until March 31st over terror plot

<https://www.hindustantimes.com/india-news/ban-on-flying-objects-over-rss-hq-in-nagpur-extended-101643799658162.html>

No Drone Zone established at SoFi Stadium for Super Bowl Sunday, USA

<https://www.nbclosangeles.com/news/sports/drones-tfr-flight-restrictions-super-bowl-sofi-stadium-inglewood/2808045/>

Weaponized drones are here. It's time for the U.S. to act (Commentary)

<https://amsterdamnews.com/news/2022/01/27/weaponized-drones-are-here-its-time-for-the-u-s-to-act/>

The Drone Threat Comes Home – A Growing Domestic Danger (Commentary)

<https://www.foreignaffairs.com/articles/world/2022-01-28/drone-threat-comes-home>

UN report says Houthis likely 'not responsible' for Mercer Street drone attack (Commentary)

<https://lloydlist.maritimeintelligence.informa.com/LL1139736/Houthis-likely-not-responsible-for-fatal-Mercer-Street-drone-attack-says-report>

Gangsters, terrorists using networks of drones to smuggle contraband, India (Commentary)

<https://www.news18.com/news/india/drones-drugs-arms-courtesy-mix-of-pak-terror-outfits-gangsters-will-be-tough-test-for-next-punjab-govt-4703255.html>

Domestic U.S. Drone Integration is the Next Wave of Killer Drone Proliferation (Commentary)

<https://www.dailykos.com/stories/2022/1/29/2077465/-How-US-domestic-drone-integration-is-propelling-military-drone-proliferation-abroad>

ISIS Drones – Origins and Progressions (PDF Document)

<https://notify.dronesec.com/storage-protected/cYlumBILj9XXm4AMIBMapBx0tyXdogN3VDPWFsfU.pdf>

1.7. COUNTER-DRONE SYSTEMS (P4)

Canada hosting C-UAS Sandbox 2022 test and evaluation event

<https://www.canada.ca/content/dam/dnd-mdn/documents/ideas/CUAS%202022%20PDF%20Applicant%20Guide%20EN.PDF>

Nexus Nine and DroneSec unite on C-UAS Training and Intelligence offerings

<https://www.suasnews.com/2022/01/uplifting-the-state-of-drone-security-nexus-nine-and-dronesec-a-united-front/>

Russian MoD develop net gun drone to track and destroy swarms

<https://radiosputnik.ria.ru/20220131/bespilotnik-1770269219.html>

DroneShield secures Android Team Awareness Kit (ATAK) integration

<https://www.janes.com/defence-news/news-detail/droneshield-secures-tak-compliance>

Netherlands to build doctrine for responding to drone threats

<https://www.nctv.nl/onderwerpen/drones>

Anduril lands \$5.1m contract to support US counter-drone technologies

<https://breakingdefense.com/2022/01/hypersonics-and-cyber-tools-pentagons-innovation-hub-highlights-fy21-tech-transitions/>

Israel plans to replace Iron Dome with laser wall against missiles, drone swarms

<https://asiatimes.com/2022/02/israel-to-fire-up-its-laser-missile-defense-rollout/>

OSU announces military partnership and formation of Counter UAS Center of Excellence

https://news.okstate.edu/articles/engineering-architecture-technology/2022/osu_institute_announces_military_partnership_for_counter_uas_research.html

Indian BSF conduct 140 awareness training programs for civilians on hostile drone reporting

<https://www.devdiscourse.com/article/law-order/1905187-bsf-trains-people-to-keep-vigil-on-drone-intrusions-along-indo-pak-border>

Armenian Dragon Reaper C-UAS to protect against Azerbaijani loitering munition drones

<https://armenpress.am/eng/news/1074302.html>

Egypt offers UAE their Skyguard AMOUN air defence system against Houthi drone attacks

<https://www.tacticalreport.com/news/article/59250-uae-egypt-and-amoun-air-defense-system>

Agency in charge of (ATC) in France release tender seeking drone detection advisory services

<https://www.unmannedairspace.info/latest-news-and-information/dsna-seeks-market-information-on-counter-uas-suppliers/>

1.8. UTM SYSTEMS (P5)

OneSky wins contract to develop Australian UTM Framework

<https://www.onesky.xyz/post/onesky-wins-contract-to-develop-australia-s-utm-framework-airservices-fims-project>

Drone-tag mini device designed to help drones comply with local U-Space regulations

<https://www.unmannedairspace.info/latest-news-and-information/dronetag-mini-add-on-device-designed-to-help-drones-comply-with-local-regulations/>

Coventry Urban Air Port will provide UK Police's crime fighting drones with new base

<https://coventryobserver.co.uk/news/coventry-urban-air-port-will-provide-west-midlands-polices-crime-fighting-drones-with-new-base/>

1.9. INFORMATIONAL (P5)

Malaysian Armed Forces catch four illegal immigrants with help of drones

<https://www.thestar.com.my/news/nation/2022/01/26/armed-forces-nab-four-illegals-during-ops-benteng-patrols-in-bukit-sedili-johor>

DJI's facing US scrutiny after reports of state funding by Chinese government

<https://dronedj.com/2022/02/02/djis-us-woes-continue-with-report-of-state-funding-by-china/>

Man evades police drones in high-speed foot and vehicle chase

<https://www.fox5atlanta.com/news/wanted-man-who-eluded-k9s-drones-after-high-speed-chase-captured>

Kyrgyzstan, Tajikistan agrees not to use drones on border

<https://akipress.com/news:667486:Kyrgyzstan, Tajikistan agree not to use drones on border/>

1.10. DRONE TECHNOLOGY (P5)

Parallel Flight Technologies unveils Firefly drone, two hours endurance with 45kg carry capacity

<https://www.inceptivemind.com/parallel-flight-technologies-firefly-heavy-lift-drone/23102/>

Anduril buys underwater drone maker Dive Technologies

<https://www.defensenews.com/industry/2022/02/02/autonomy-specialist-anduril-buys-underwater-drone-maker-dive-technologies/>

Indian Army buys \$20m locally developed UAVs to meet expanding ISR demands

<https://www.janes.com/defence-news/indian-army-buys-more-locally-developed-uavs-to-meet-expanding-isr-demands/>

North Wales Police Commissioner secures funding for new drones, extra drone pilots

<https://www.thebangoraye.com/police-boss-beefs-up-frontline-with-82-extra-officers-new-technology-and-drone-pilots/>

Drone production and manufacturing facility to start from 2024, Moscow, Russia

<https://tass.com/defense/1395835>

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