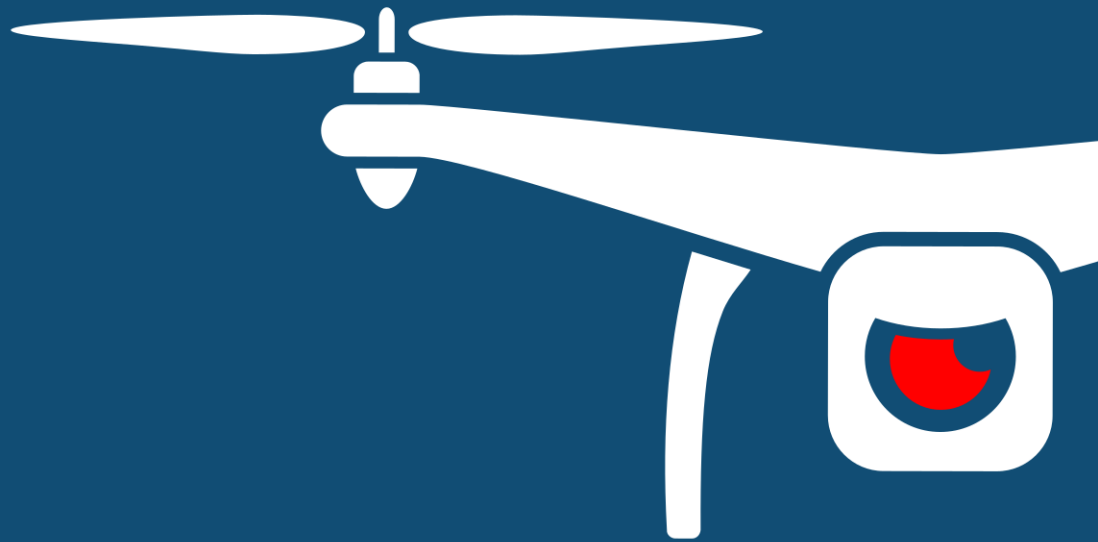




NOTIFY ISSUE #124 (PUBLIC)

WEEKLY THREAT INTELLIGENCE

28 Apr 2022 | v1.0 RELEASE



UAS HACKING, HARDENING AND DEFENCE

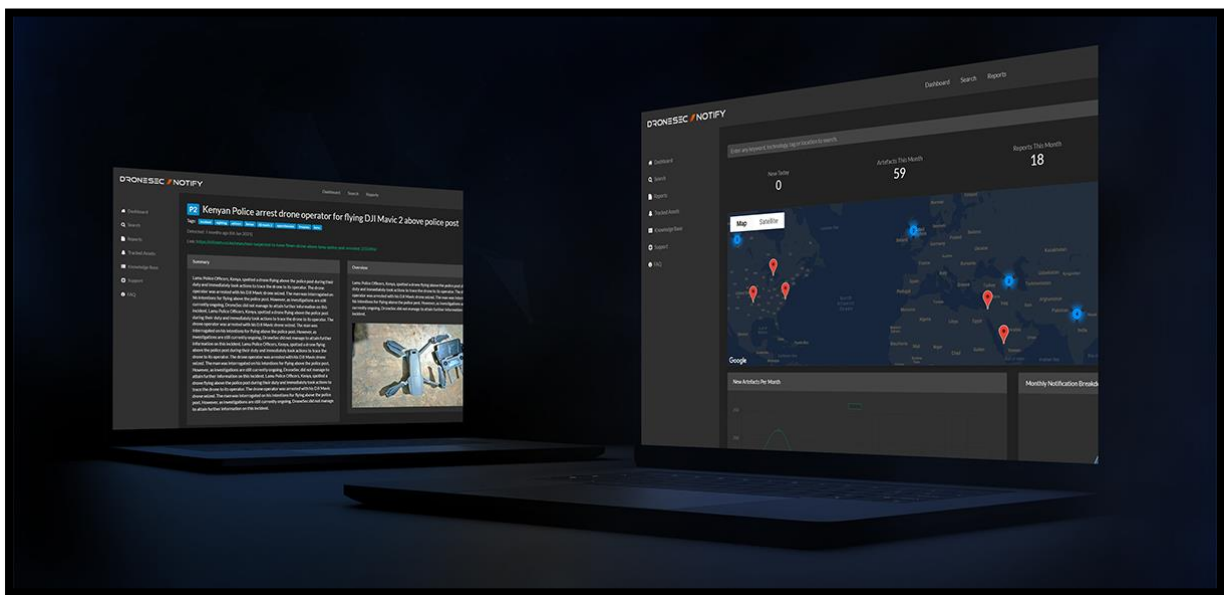
DOCUMENT CONTROL

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](#).

TABLE OF CONTENTS

1. Threat Intelligence ----- 4

1.1. Featured Advisories ----- 4

1.2. Non-Conflict News and Events (P3) ----- 6

1.3. Conflict News and Events (P3) ----- 7

1.4. Socials (P4) ----- 12

1.5. Whitepapers, Publications & Regulations (P4) ----- 13

1.6. Counter Drone Systems (P4) ----- 13

1.7. UTM Systems (P5) ----- 13

1.8. Informational (P5) ----- 14

1.9. Drone Technology (P5) ----- 14



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

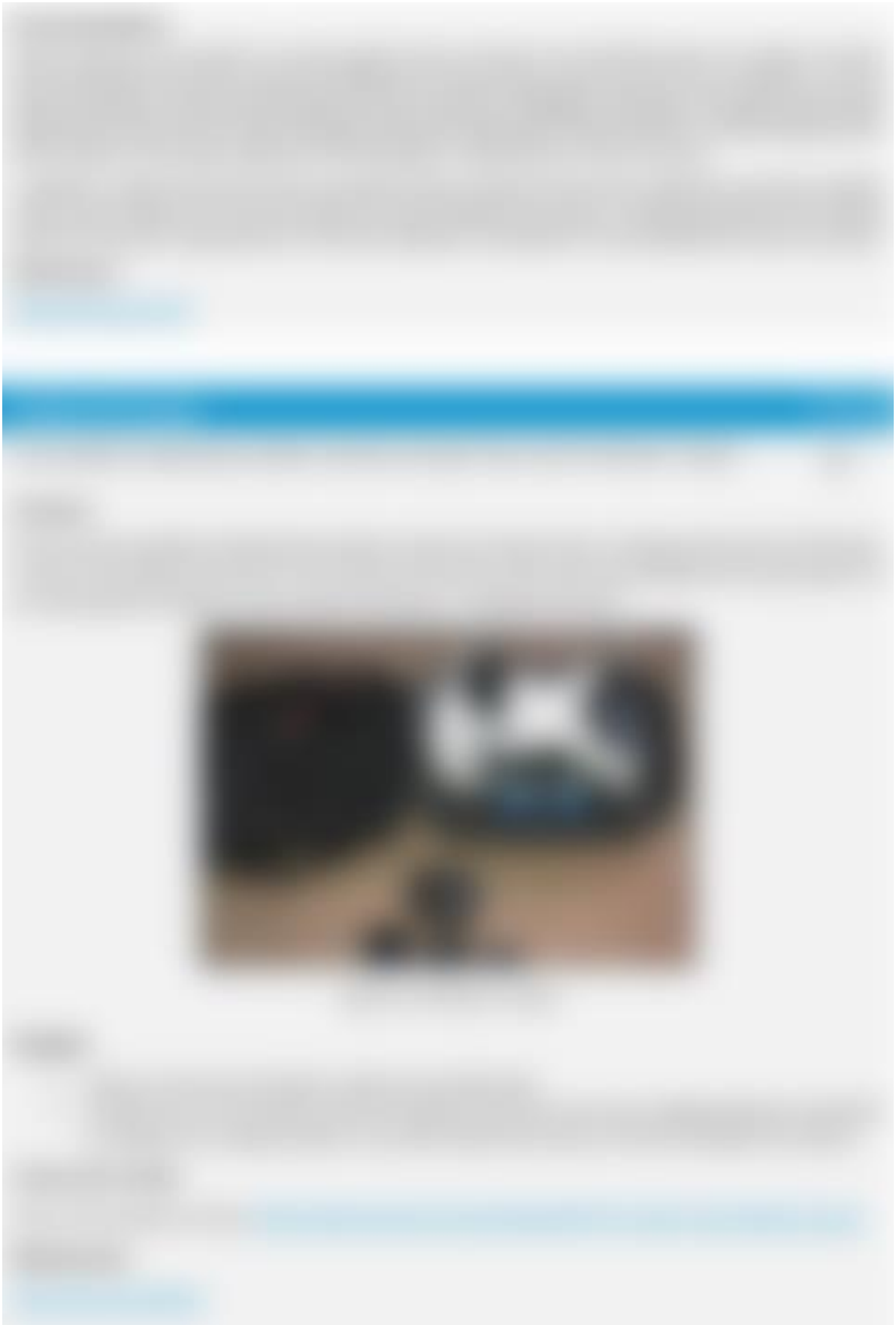


Figure 2: Can't see this? Contact us to sign up for Notify PRIVATE

1.2. NON-CONFLICT NEWS AND EVENTS (P3)

Agepen Prison officers seize drone with 1kg of narcotics, Brazil

<https://drones.ec/wb53n>

Weather drone from University of Colorado Boulder crashes sparking forest fire

<https://drones.ec/9VRSV>

Navoi International Airport seizes undeclared Space Master SD03 drone, Uzbekistan



Figure 3: Undeclared Space Master SD03 drone seized in Uzbekistan

<https://drones.ec/CEGDZ>

Loud explosion hours before Prime Minister's visit could have been IED drone drop, India

<https://drones.ec/JF7W9>

UK reports 18 drone sightings at sensitive military sites believed to be flown by Chinese drones

<https://drones.ec/K4Fej>

Tourist crashes unpermitted drone at Piazza Venezia, Italy, in a No-Fly-Zone

<https://drones.ec/mOktg>

Two Mexican tourist crashes drone into Leaning Tower of Pisa, apprehended and drone seized

<https://drones.ec/6KwTb>

Greater Manchester Fire and Rescue Service crashes DJI Matrice 300 due to rotor failure

<https://drones.ec/gukue>

Israeli Defence Force surveillance drone crashes in Syria

<https://drones.ec/fxRqZ>

1.3. CONFLICT NEWS AND EVENTS (P3)

Indian BSF reported firing 165 rounds at Pakistani drone along border

<https://drones.ec/8jjNZ>

Yemen National Army reports shooting down Houthi DJI Mavic 2 drone over Saada



Figure 4: Houthi-owned DJI Mavic 2 shot down in Saada, Yemen

<https://drones.ec/CC5Jy>

Possible Turkish drone strike in Kobane injures three Syrian Democratic Forces, Syria

<https://drones.ec/2pNhS>

Four Ukrainian men with Russian SIM Cards and DJI Air 2S detained for possible espionage



Figure 5: DJI Air 2S drone and Russian SIM cards found

<https://drones.ec/FmRnW>

Russia uses unmanned helicopters to draw out Ukrainian air defences

<https://drones.ec/Asat8>

Russian Orlan-10 and KBLA IVC drone helicopter shot down by Ukrainian Air Assault Forces

Figure 6: Remnants of Orlan-10 (Unknown Tail Number) found



Figure 7: Remnants of JSC TSNTC KBLA IVC drone found

<https://drones.ec/gvk5Q>

Ukraine Aerorozvidka R-18 drone used to drop explosives on Russian vehicles, Zaporizhia

<https://drones.ec/xGntk>

Russian Orlan-10 drone shot down in Luhansk region, Ukraine

Figure 8: Russian Orlan-10 drone (Tail Number: 12526) shot down in Luhansk

<https://drones.ec/BQvGA>

Another Russian Orlan-10 drone shot down and seized by Ukrainian Army

Figure 9: Russian Orlan-10 drone (Tail Number: 12638) shot down by Ukrainian Army

<https://drones.ec/F1bFr>

Russian Zao Enix Eleron-3 drone seized by Ukrainian forces

Figure 10: Russian Eleron-3 drone seized by Ukrainian forces

<https://drones.ec/Rn6qN>

Ukrainian National Guard claim to have taken down Russian DJI Mavic 2 drone with jammer

Figure 11: Ukrainian soldier with CUAS jammer gun and the seized Russian-owned DJI Mavic 2 drone

<https://drones.ec/O4TaT>

Two Ukrainian drone shot down by Russian Air Defences at Kursk



Figure 12: Remnants of Bayraktar TB2 drone shot down by Russian Air Defences

<https://drones.ec/69Xqn>

Ukrainian custom-made Banderik 95kmph drones used to monitor Russian troops



Figure 13: One of the custom-made Banderik drones

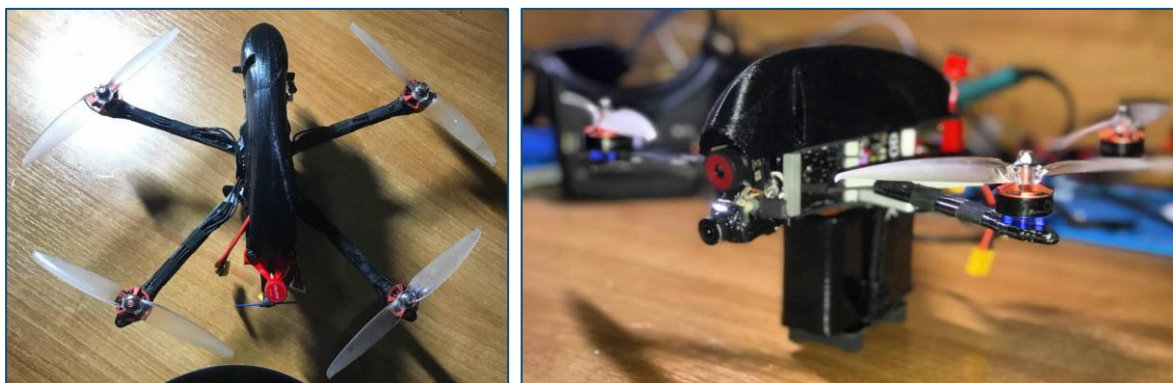


Figure 14: Another variant of the Banderik custom-made drone

<https://drones.ec/gNdwo>

Ukrainian Aerorozvidka Unit releases video of R-18 drone dropping explosives on Russian tank

Figure 15: Snippet from a video released by the Ukrainian Aerorozvidka unit utilising R-19 drone

<https://drones.ec/zoOXf>

1.4. SOCIALS (P4)

Israeli Police use drone to drop tear gas on riot at Temple Mount, Jerusalem

Figure 16: An Israeli hexacopter used to drop tear gas onto rioters in Temple Mount

<https://drones.ec/AZQOk>

<https://drones.ec/AZvha>

Russia use drones to monitor and target fleeing Ukrainian forces in Donbas

<https://drones.ec/U0SLQ>

Drone used to assist artillery fire against Russian tank in Rubizhine, Ukraine

<https://drones.ec/sUEyX>

Drone captures video on current state of Azovstal Metallurgical Plant and center of Mariupol

<https://drones.ec/hnkag>

Drone used to help Ukrainian forces determine Russian ambush

<https://drones.ec/EYx1p>

Iranian backed terrorist group using suicide drone in Idlib, Syria captured on camera

<https://drones.ec/AmEew>

1.5. WHITEPAPERS, PUBLICATIONS & REGULATIONS (P4)

White House releases The Domestic Counter-Unmanned Aircraft Systems National Action Plan

<https://drones.ec/QsyNN>

Birmingham 2022 Commonwealth Games to involve drone No-Fly-Zone

<https://drones.ec/bY37b>

Western Countries See Ukraine's Drone Use as Future of War – Analysis (Commentary)

<https://drones.ec/R6MAo>

Drones with European components significantly impact Ethiopian conflict (Commentary)

<https://drones.ec/jpuND>

1.6. COUNTER DRONE SYSTEMS (P4)

USA DHS awards \$260M USD on the acquisition and development of counter drone technologies

<https://drones.ec/C4hr5>

USA Navy successfully tests electric laser defence system against aerial drones

<https://drones.ec/U7lbC>

MBDA showcase HELMA-P laser anti-drone system on Arquus Sherpa armoured vehicle

<https://drones.ec/YEieT>

1.7. UTM SYSTEMS (P5)

ASTM publishes new standard addressing UAS-UTM performance and interoperability

<https://drones.ec/ilm9l>

Air-One drone airport by Urban Air Port opens in Coventry, UK

<https://drones.ec/2q0Gn>

1.8. INFORMATIONAL (P5)

New Zealand Police, Defence Force and Fire services upskill personnel on drone operations

<https://drones.ec/aYjBJ>

Drone assist Hernando County Sheriff's Office in locating suicidal man, Florida, USA

<https://drones.ec/9QhGY>

DJI halts sales of drones to Ukraine and Russia due to current conflict

<https://drones.ec/eBQVn>

1.9. DRONE TECHNOLOGY (P5)

Customised suicide drone, Phantom Ghost, developed by USAF sent to Ukraine

<https://drones.ec/8PU3G>

USA Army to test 30 networked drones in swarm over Utah Desert

<https://drones.ec/ivRgm>

Belarus completes testing of Kvarado-1400 drone with rocket launchers for targeting armour



Figure 17: Kvarado-1400 drone with two RPG-26 rocket launchers

<https://drones.ec/GLTDN>

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