

CERBAIR

CerbAir: Protection Against Malicious Drones Press Kit



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« Drones made the headlines in ever more shocking ways in 2018 – assassination attempts, spying, even forcing a major transportation hub to a disruptive and very expensive halt. UAV's (Unmanned Aerial Vehicles) are one of the most important innovations of our times, but as these events demonstrate, they can be incredibly dangerous in the wrong hands. In 2019 security administrators face a stark decision: Adapt to the evolving drone threat or pay the increasingly heavy consequences of inaction. »

Lucas Le Bell, CEO at CerbAir

Who is CerbAir ?

A French-based company, CerbAir was created in 2015 in response to an alarming increase in drone intrusions and the threat they represent. The company's mission is to offer adaptable and effective solutions to the ever-growing threat posed by malevolent or careless drone pilots by using a streamlined three-step process: **Drone Detection > Threat Characterization & Localization > Drone Neutralization**

CerbAir's anti-drone solutions are based on Radiofrequency (RF) technology which permits clients to detect the distinctive communication signals exchanged on the RF spectrum between drones and their remote controls. Once detected, our solutions can help locate and trace the drones and their pilots with advanced Direction-Finding features.

A Solid Record of Service

CerbAir has successfully tested and installed its anti-drone solutions in a number of locations, notably for the French Armed Forces, Paris Roissy-Charles de Gaulle Airport (Hologarde Project), a prominent French Football stadium, one of the largest petrochemical sites in Europe, as well as prisons, prominent music festivals, even Government structures and events. CerbAir has expanded its global network of commercial partners to Africa, the Americas, Asia, Oceania and Europe, counting over 100 names worldwide.



« As a world leader in air defense, MBDA is focused on countering the burgeoning threat posed by off-the-shelf UAVs. MBDA believes that to deliver cost effective solutions tailored to the assets being defended, innovative approaches combining diversified technologies are necessary. This venture capital investment in CerbAir forms part of MBDA's strategy to develop innovative and adaptive systems to defeat threats in all operational contexts. »

Denis Gardin, Director of Innovation and Future Technologies at MBDA



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Aerial - The New Security Battlefield

Today, it is estimated that around 20 million consumer drones are currently active, with this ever-increasing number we will rapidly exceed 50 million by 2025. More than just simple toys, in the wrong hands these drones pose a serious security threat. The danger is even more pressing given the extreme ease with which powerful and easy to pilot devices can be purchased off the shelf at affordable prices.

2018 was a big year in unwanted and illegal drone events (cf. CerbAir's "Drone Incidents in 2018 - A Year in Review"). Major incidents, such as the attempted attack on the Venezuelan President by 2 drones carrying C4-like explosives and the 3-day shut down of Gatwick Airport really put an emphasis on how critical infrastructure and public events are vulnerable to this new threat.

« We have the means to put a stop to drone intrusions... We even have the ability to detect a drone and help localize the pilot, which would have resolved the Gatwick issue much more quickly and cheaply. Now, it's just up to airport authorities to make the necessary resources available, both human and financial. »

Thomas Gueudet, Head of Business Development & Security Expert at CerbAir

Heeding his words, an ever-increasing number of security teams are actively searching for effective anti-drone solutions. And this is where CerbAir's technology and security expertise comes to the fore.

In the Media

Since opening in 2015, CerbAir has appeared in a number of publications all around the world:

Air & Cosmos	FOB Forces Operations	Japan	Quest France
Air & Cosmos International	Blog	L'Express	Phys.org
Analisisdifesa	France Culture	La Croix	PSM
asmag	France24	La French Tech	Pulse.ng
BFM Business	FrenchWeb	La Tribune Bordeaux	Quadricottero News
BFMTV	Gicat	Le Figaro	Radio Canada
Cision PR Newswire	HCFDC	Le Moniteur	Rsouvenirs (Blog)
Clubic	Helicomicro	Le Télégramme	Security Solutions Watch
Creation Entreprise.info	i24 News	Les Echos	Silicon
DC News	Industrie & Technologies	Les Echos Business	Startup 365
Decideo	Industrie Mag	Les Echos Capital Finance	Strait Times
Defence 24 Poland	Infoprotection	LeSoleil	T.O.M
Defense World	Infosurhoy	Libération	Technews.bg
Drone Innovation	Itespreso	Maddyness	Tekk.tv
Drone Multirotor	Jane's 360	Marine & Oceans	The C-drone review
Drone Times	JDN	MBDA	Usine Digitale
ECN	Journal of Society of	Neoproduits	Welcome To The Jungle
EDR Magazine	Automotive Engineers	Nova	

« Basically, [the system] will listen for radiofrequency communications between a drone and its remote control. Our system can detect a drone from several kilometers away, which can give [the client] an extra 2 or 3 minutes before the drone arrives. »

Antoine Menini, CTO at CerbAir on BFMTV



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« CerbAir, a French start-up, was contacted by several "VIP villas" located in the south of France. "The aerial intrusions had become a recurrent issue and a nightmare for the property owners: their private life exposed (due to drones with cameras), casing properties to break into them later, hacking into the Wi-Fi network to spy on them (using drones equipped with "Raspberry Pi")..." explains Thomas Gueudet, Development Director and security expert. CerbAir helps locate the pilot and send the information on to law enforcement. »

Le Figaro, N° 23 033. Cahier N°2 page 28

« I was agreeably surprised by how quick the drone was detected. The system turned out to be efficient and fast, which gives enough time to figure out how to react. »

Drone Multirotor, N°19 Pages 32-35

Award-Winning Service



Contact CerbAir

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ANTI-DRONE SOLUTION

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