

# Spanish Air Force acquires a second EnforceAir2 anti-drone, the same system that already protected the Pope

The objective is to deal with potentially hostile drones, especially during major events, shows, aerial or state activities, as well as when contending with protection of authorities and the general population.



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Drones have increasingly become a danger to citizens. Their proliferation, their small size and the difficulty in detecting them complicate the work of the State security forces and agencies, which is why they must resort to sophisticated solutions capable of creating safe aerial environments. Fortunately, Spain has companies that have developed this type of technology and, thus, the Spanish Air Force has awarded Target Tecnología a second contract for the EnforceAir2 C-UAS anti-drone system, manufactured by D-Fend Solutions. The first award for the acquisition of EnforceAir2, took place at the end of last year, 2023; now, with this new tender, the confidence and satisfaction achieved with the operation of the system is reinforced.

The objective is **to contend with potentially hostile drones, especially during major celebration, events, shows, and other aerial or state activities**, as well as for the protection of authorities and the general population.

EnforceAir2 is the **leading anti-drone system in the world, according to its manufacturer, capable of taking control of a threatening drone, disconnecting it from its pilot, and landing it without collateral damage via a safe route**. A solution that **Pope Francis I already relied on** to safeguard his protection during international visits.

This anti-drone system, now acquired again by the Spanish Air Force, is an **enhanced version of its predecessor**, EnforceAir, which was recently awarded the Intersec Homeland Security/Service of the Year 2024 award, which last year was awarded to its predecessor. **This new version incorporates improvements such as increasing both the ability to detect hostile drones in much more varied environments, as well as in its power to disconnect them from their pilot or land them without collateral damage**, either in 'active' or 'passive' mode. But the main difference from its predecessor is its design. Now it can be carried in a

portable backpack, making the EnforceAir2 the perfect accessory for stealth and tactical operations.

In the words of Luis Rolandi, deputy director of Target Tecnología, "we are very proud that the Air Force has decided once again, on our anti-drone system, one of the company's strategic lines. In a world where UAS threats are increasingly multiplying and becoming more sophisticated, it is necessary to advance at the same pace in defense and security solutions that allow us to confront these threats. In this sense, EnforceAir2 positioned as the most sophisticated anti-drone system in the market, capable of detecting, mitigating, and controlling the threat of hostile drones without inhibiting other benign UASs with which they share airspace. In addition, its flexibility, portability, and power make it the perfect accessory, especially for tactical operations where stealth and speed become a differentiating element for the success of the operation".

EnforceAir2 anti-drone technology by **D-Fend Solutions, a leader in radio frequency (RF), cyber, non-kinetic, non-jamming, anti-drone detection and takeover technology**, has been selected to participate in the U.S. Federal Aviation Administration's (FAA) Airport UAS Detection and Mitigation Research Program. D-Fend Solutions' core C-UAS system, EnforceAir, has undergone initial testing at Atlantic City International Airport (KACY) and additional evaluations at other airports.

This testing at U.S. airports is because the EnforceAir system design is specifically optimized to provide airports with a surgical anti-drone approach to threat detection and mitigation, allowing authorized nearby drones to continue operations without collateral effects on navigation or communications systems, damage to infrastructure or undue burden on human resources. The system provides long-range, 360-degree directional protection and coverage to protect airport facilities and takeoff and landing airspace corridors.

Among the specifications of this tool is its Seamless Operational Flexibility (SOF) that allows for quick setup, lock, and release mechanisms for fast conversion between configurations. It also offers short to medium term stationary deployment options for tactical teams.

It can also be deployed from a vehicle or even from a backpack, allowing an optimal balance between size and performance.

It has a detection range of up to 4.5 kilometers, a typical mitigation range varying between 1.2 and 4 kilometers, and 360° omnidirectional coverage.

Range may vary depending on protocol, line-of-sight conditions, and RF interference levels.

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