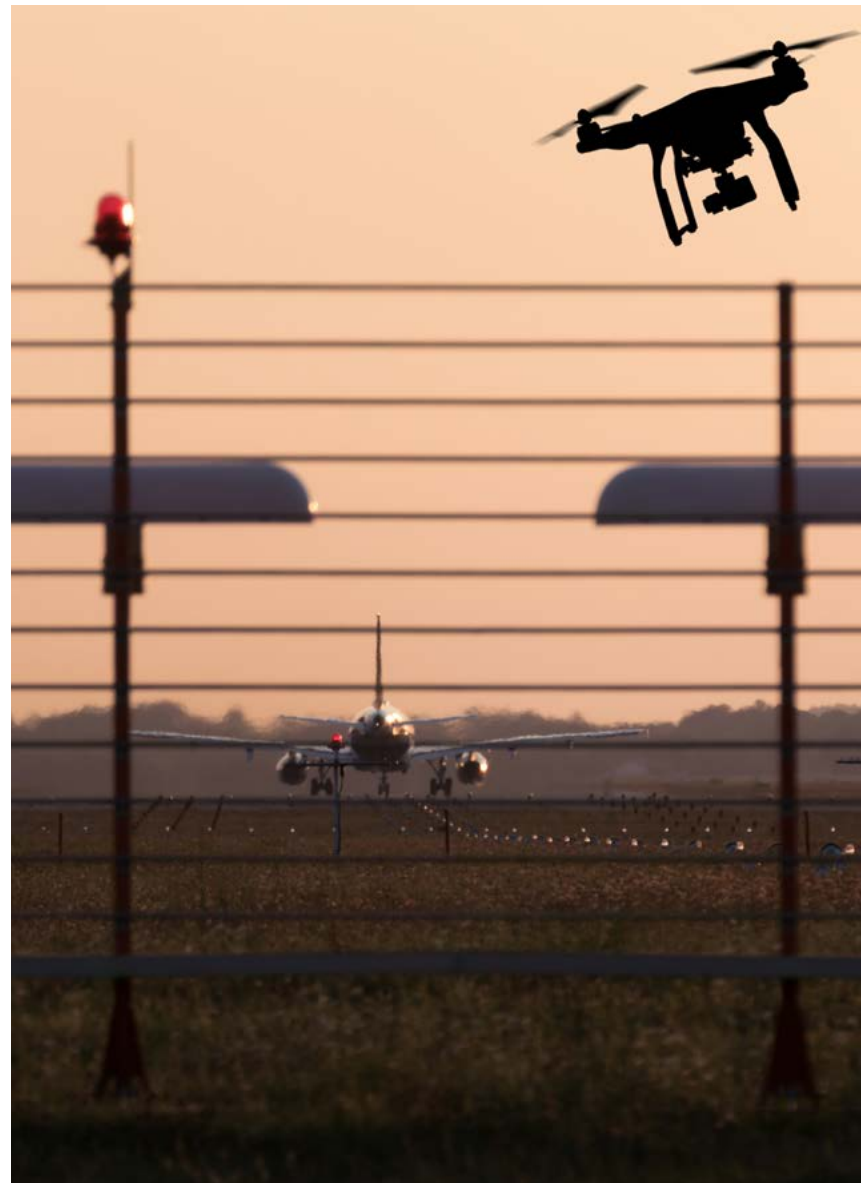




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Counter UAS

by gradiant 

Drone detection,
classification, tracking and
neutralization system





Counter UAS by Gradiant provides people and infrastructures protection against malicious or negligent use of drones.

There is a real problem nowadays regarding incidents caused by UAS, which can have serious consequences in the hands of organized crime or terrorist groups; or drone users who compromise the security of strategic national infrastructures.

Our system is specially conceived for **security and defence** at airports, prisons or correctional facilities, government buildings, for the security of recreational or sporting events; and to be used by armies or security forces. Counter UAS by Gradiant **guarantees security against drone attacks** in a security perimeter, avoiding potential damage to critical infrastructures or civilians.

**Counter
UAS**
by gradiant ▶



UAS threat protection

Counter UAS by Gradiant can automatically detect, classify, track and neutralize drones within a security perimeter, thus guaranteeing infrastructure and people protection.

Our system is modular, scalable and decentralized and can operate 24/7, either autonomously or commanded by an operator.

Counter UAS by Gradiant integrates complementary detection, analysis and neutralization technologies in **3 independent modules**:

- ✓ **smartEar**: provides detection, classification and tracking of UAS based on RF analysis (signal intelligence).
- ✓ **smartEye**: provides detection, classification and tracking of UAS using passive EO/IR sensors and video analytics.
- ✓ **smartJam**: is an adaptive waveform smart jamming generator that covers typical GNSS, command & control and payload frequencies.

Counter UAS by Gradiant has been **deployed in real scenarios** jointly with different Law Enforcement Agencies.



Passive detection techniques



Decentralized, scalable & modular system that allows for easy integration with existing counter UAS solutions



Soft neutralization to allow for UAS recovery and forensic analysis



Rapid deployment