

EnforceAir PLUS

Multilayer C-UAS

RF Cyber-driven optimized detection and mitigation

Radar detection

Smart RF-effector jamming option



EnforceAir PLUS
tactical deployment

CYBER-DRIVEN, AI-ENHANCED, MULTILAYER C-UAS WITH INTEGRATED RF-CYBER, RADAR, AND JAMMER

EnforceAir PLUS combines leading counter-drone technologies within a compact, fully integrated system for a holistic, escalating, multilayer C-UAS defense.

Multiple integrated counter-drone technologies for an escalating layered defense system

Cyber-driven C-UAS System

- Introducing the world's first cyber-driven, multilayer C-UAS system!
- Field-proven RF Cyber-takeover capabilities combined with additional complementary detection and mitigation technologies
- Cyber-driven orchestration allows the best of C-UAS technologies to work in concert, while prioritizing cyber to minimize potential for interference

Expanded with Radar Detection

- 4-panel, compact, solid-state ESA radar for additional drone detection coverage beyond cyber
- Optimized with cyber to minimize false positives

Enhanced with Smart RF-Effector Jamming Option

- Additional non-kinetic C-UAS technology as an optional, fully integrated layer of defense for drone mitigation coverage beyond cyber
- Future-proof: software-defined jamming always up-to-date, upgradable with additional bands as needed

Optimized, surgical, AI-enhanced, escalating, multilayer C-UAS defense

Quick Deployment & Rapid Time to Complete Multilayer Operation

- Out-of-the-box integration delivers simplified set-up, calibration, and user flow

Heightened Situational Awareness

- AI-based SmartAir technology fusion engine combines RF-Cyber and radar data to show the big picture and provide more information on each target drone

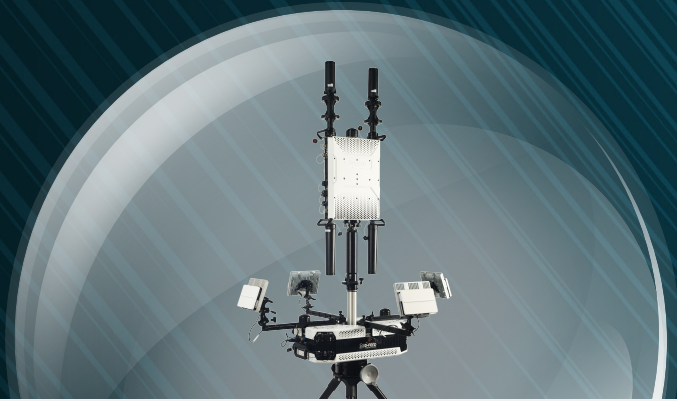
Simple UX for Multilayer C-UAS

- Simplified airspace management with intuitive user interface that displays a single unified view based on inputs from all sensors

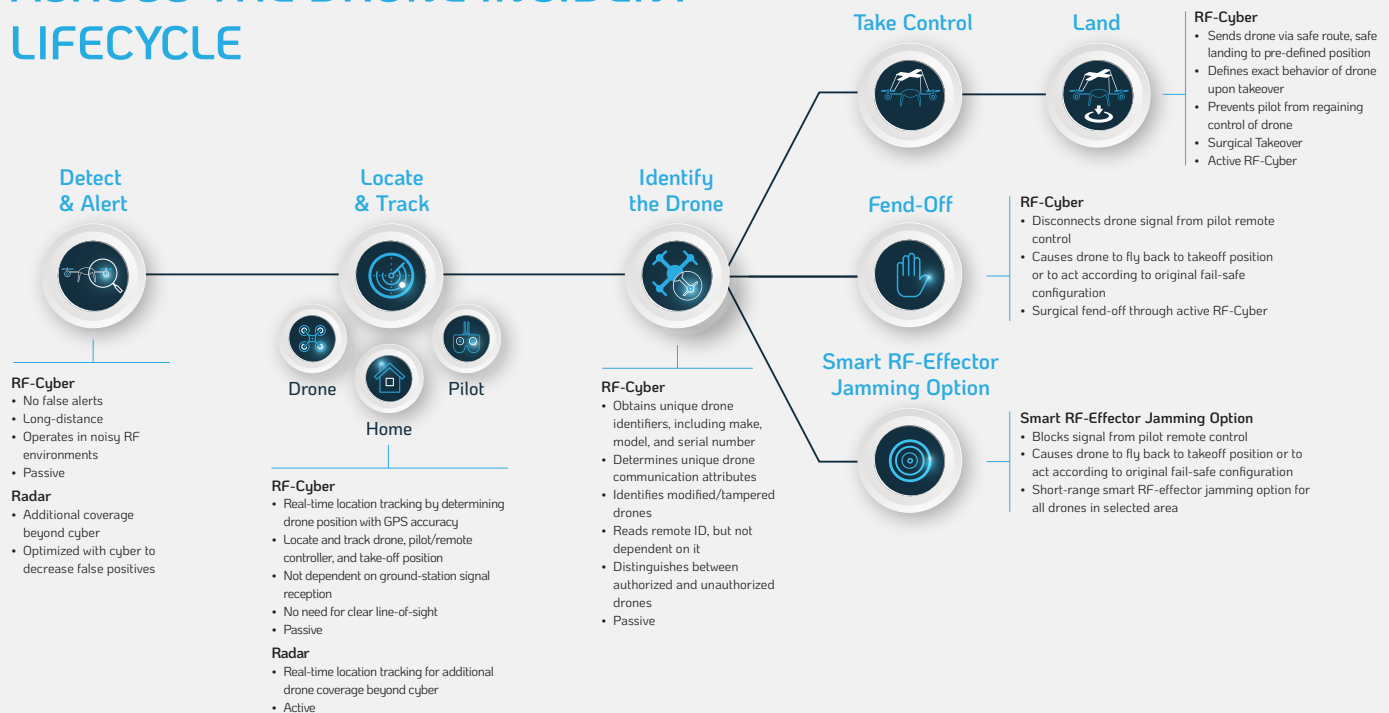
AI-based Mitigation Engine

- Suggests optimal mitigation option for each drone for a surgical, escalating, layered defense

EnforceAir PLUS



CAPABILITIES & BENEFITS ACROSS THE DRONE INCIDENT LIFECYCLE



DETECTION & RESPONSE IN SECONDS

TECHNICAL SPECIFICATIONS

RF-Cyber		Detection, Mitigation (RF cyber-takeover and fend)	
Operating Frequency		400MHz-6GHz	
Transmission Power		Up to 36 dBm	
Operating Voltage		AC: 100-240V, 50/60Hz • DC: 20-36V Nom-24V	
Power Consumption		150W/170W (Detection/Mitigation)	
Weight & Dimensions		SDR: 12.8kg/28.2lb - LxHxW: 39 x 52 x 12cm / 15.35 x 20.5 x 4.7 in	
Transport Case		30kg/66lb - LxHxW: 68 x 53 x 38 cm / 26.6 x 20.7 x 14.9 in (incl. SDR, power supply, management tablet, cables & accessories)	
Environmental & Radio Compliance		MIL STD 810H, MIL STD 461, IP66	
Operating Temperature		-30°C to +50°C	
Radar		EchoGuard (Echodyne), drone detection up to 1km, small form factor	
Frequency		K-band 24.45 – 24.65 GHz (USA), K-band 24.05 – 24.25 GHz (INTL)	
Transmit Power		35dBm with a Gain of 21 dBi	
Field of View		120° Azimuth x 80° Elevation	
Track Accuracy		< 1° Azimuth x < 1.5° Elevation	
Max Tracks		Up to 20 Simultaneous Tracks	
Size & Weight		20.3 cm x 16.3 cm x 4 cm, 1.25 kg	
Power (USA)		+ 15 to + 28 VDC, 50 W (Operating), < 10 W (Hot Standby)	
Power (INTL)		+ 15 to + 24 VDC, 50 W (Operating), < 7 W (Hot Standby)	
Operating Temperature		- 40° C to + 75° C	
Weather Protection		IP67	
RF-Effector		4Watt Omni, Tx power up to 36dBm per band	
Band [MHz]	Low Freq [MHz]	High Freq [MHz]	
868	832	885	
915	902	928	
2400	2400	2500	
5800	5720	5875	

ABOUT D-FEND

D-Fend Solutions is the leading provider of field-proven, radio frequency (RF) cyber-driven, non-kinetic, AI-enhanced counter-drone takeover technology, enabling full control, safety, and continuity during rogue drone incidents to overcome both current and emerging drone threats in complex and sensitive environments. With thousands of successful deployments performed worldwide, in the most challenging real-life scenarios and for the most demanding end users, EnforceAir, the company's core C-UAS, focuses on the most dangerous drone threats in the military, public safety, airport, prison, major event, critical infrastructure, and other environments. D-Fend Solutions' technology has been chosen as best-in-class and is deployed by top-tier government agencies – including military, federal law enforcement, and homeland security – as well as major international airports globally. EnforceAir autonomously executes RF cyber-takeovers of rogue drones as a standalone, multilayer, or integrated system, for safe landings and controlled outcomes, ensuring the smooth flow of communications, commerce, transportation, and everyday life.