SECTOR SOLUTION OVERVIEW:
LAW ENFORCEMENT

LAW ENFORCEMENT ENFORCES AIRSPACE SAFETY WITH ENFORCEAIR

Law enforcement agencies operate at the forefront of public safety, managing large-scale events, critical incidents, and protecting the public. While drones bring operational advantages, their widespread availability and low cost have also made them tools for illicit surveillance, hazardous payload delivery, and disruption of emergency response.

At crowded events, rogue drones can trigger panic, deliver dangerous devices, or interfere with security measures. Beyond these scenarios, drones may be used to monitor law enforcement activities covertly, target facilities or personnel, or threaten high-ranking officials. In volatile or high-risk environments, malicious actors could deploy drones to obstruct first responders, escalate crisis situations, and endanger both emergency personnel and civilians, adding layers of complexity and urgency to mission-critical operations.

THE RF CYBER ADVANTAGE

D-Fend Solutions' EnforceAir systems use a precise, non-disruptive, cyber-driven takeover approach to counter-drone defense, preserving public safety and operational continuity for law enforcement agencies. **EnforceAir** detects, locates, and identifies unauthorized drones and, when allowed by regulations, takes control and guides each to a safe, predefined landing zone, while safeguarding mission-critical law enforcement communications and maintaining authorized drone operations.

For complex or high-risk scenarios, **EnforceAir PLUS** introduces optional, smart RF-effector jamming for defensive escalation, carefully engineered to minimize disruption to critical communications and law enforcement operations. This layered defense keeps agencies in control, even during multi-threat events or fast-moving emergencies.

IDENTIFYING THE REAL THREAT

Many detection methods have limitations in law enforcement contexts. Conventional radars can struggle to distinguish small drones from birds or other airborne objects, while optical sensors are prone to false alarms. Acoustic systems have become less reliable as drones grow quieter.

Mitigation methods also vary in suitability. Broad-spectrum jamming, used in some counter-drone solutions, can risk impacting vital police and first-responder communications and cannot always differentiate between friend and foe, potentially grounding authorized law enforcement drones in active use. In addition, when drones are forcibly jammed, they may behave unpredictably, posing safety hazards in crowded areas. Kinetic methods, such as shooting down a drone, carry further risks from falling debris or uncontrolled landings, which could injure officers or civilians.

EnforceAir overcomes these challenges by accurately identifying and taking control of unauthorized drones, preserving authorized UAV operations, and safely guiding threats to controlled landings, maintaining safety without collateral disruption.

LAW ENFORCEMENT AIRSPACE THREATS

- Surveillance of police facilities, tactical teams, and command centers
- Delivery of hazardous or disruptive payloads into secure or public areas
- Harassment or interference with first responders at emergency scenes
- Unauthorized broadcasting or streaming of sensitive law enforcement operations
- Coordinated drone swarm incursions that challenge conventional defenses

PURPOSE-BUILT FOR LAW ENFORCEMENT MISSIONS

EnforceAir enables agencies to:

- Protect major public events without disrupting lawful activities
- Maintain secure perimeters at rallies, crime scenes, and sensitive locations
- Safeguard tactical, SWAT, and multi-agency deployments
- Maintain safety and operational continuity during emergencies or crises
- Recover and examine rogue drone payloads for forensic evidence
- Track drone flight paths and identify takeoff locations and operators
- Operate effectively in dense urban, rural, and border-adjacent environments

MISSION-CRITICAL SOLUTIONS

To meet these challenges head-on, D-Fend Solutions offers advanced counter-drone systems specifically designed for law enforcement.

EnforceAir2:

- Enhanced, expanded, and extended C-UAS capabilities in a highly portable, compact form
- Core RF cyber-takeover technology for precise detection and mitigation of unauthorized drones
- Multiple deployment configurations: tactical kits, vehicle-mounted systems, stationary installations, and man-portable backpacks—ideal for agile operations
- Non-disruptive mitigation preserving law enforcement communications and authorized drone activity
- Lightweight, rapidly deployable hardware suited to dynamic field needs

EnforceAir PLUS:

- Same proven SDR-based RF cyber-takeover capabilities as EnforceAir2
- Cyber-driven mitigation prioritizing non-disruptive RF takeover as the primary approach
- Integrated radar detection for expanded coverage and improved situational awareness
- Optional smart RF-effector jamming for defensive escalation beyond cyber takeover, engineered to minimize disruption to critical communications and law enforcement operations.
- Enhanced power, throughput, and range for large-scale and high-risk missions
- AI-enhanced SmartAir technology fusion engine, unifying radar and RF-cyber data for optimized drone identification, tracking, and layered defense coordination

DEPLOYMENT FLEXIBILITY & MULTI-USE BUNDLES

EnforceAir provides Seamless Operational Flexibility to adapt to evolving mission needs:

- **Tactical** response kits for mobile units
- **Vehicle-mounted systems** for patrols and event deployments
- **Stationary** installations for command posts and secure perimeters
- **Man-portable (backpack)** systems for rapid relocation or crowd control
- **Multi-use deployment bundles** allowing agencies to reconfigure quickly without sacrificing readiness

MAINTAINING SAFETY, CONTROL & CONTINUITY

With EnforceAir, law enforcement agencies can:

- Neutralize rogue drones without endangering bystanders or disrupting critical communications, as regulations permit
- Maintain uninterrupted operations of authorized drones
- Protect vital communication channels even in interference-heavy conditions
- Manage multi-site operations via **Multi-Sensor Command & Control (MSC2)**
- Deploy rapidly using an intuitive interface that requires no special technical expertise

EnforceAir empowers law enforcement agencies to secure the airspace, protect the public, and maintain full mission continuity, even against complex, coordinated, and emerging drone threats.

D-FEND
SOLUTIONS

For more information, please visit: www.d-fendsolutions.com
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