D-FEND SOLUTIONS
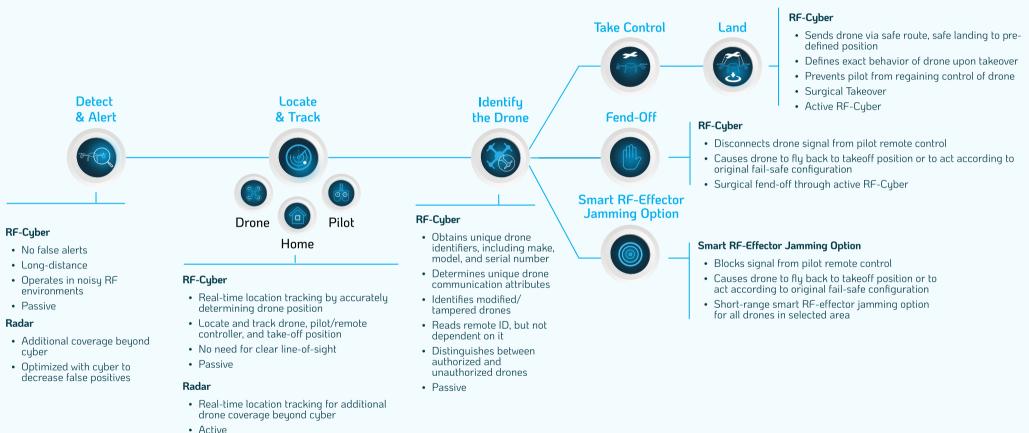
EnforceAir Capabilities & Benefits Across the Drone Incident Lifecycle

Detect & Alert

RF-Cyber
- No false alerts
- Long-distance
- Operates in noisy RF environments
- Passive

Radar
- Additional coverage beyond cyber
- Optimized with cyber to decrease false positives

Locate & Track

Drone

Home

Pilot

RF-Cyber
- Real-time location tracking by accurately determining drone position
- Locate and track drone, pilot/remote controller, and take-off position
- No need for clear line-of-sight
- Passive

Radar
- Real-time location tracking for additional drone coverage beyond cyber
- Active

Identify the Drone

RF-Cyber
- Obtains unique drone identifiers, including make, model, and serial number
- Determines unique drone communication attributes
- Identifies modified/tampered drones
- Reads remote ID, but not dependent on it
- Distinguishes between authorized and unauthorized drones
- Passive

Take Control

Land

RF-Cyber
- Sends drone via safe route, safe landing to pre-defined position
- Defines exact behavior of drone upon takeover
- Prevents pilot from regaining control of drone
- Surgical Takeover
- Active RF-Cyber

Fend-Off

RF-Cyber
- Disconnects drone signal from pilot remote control
- Causes drone to fly back to takeoff position or to act according to original fail-safe configuration
- Surgical fend-off through active RF-Cyber

Smart RF-Effector Jamming Option

Smart RF-Effector Jamming Option
- Blocks signal from pilot remote control
- Causes drone to fly back to takeoff position or to act according to original fail-safe configuration
- Short-range smart RF-effector jamming option for all drones in selected area

DETECTION & RESPONSE IN SECONDS