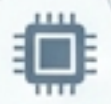
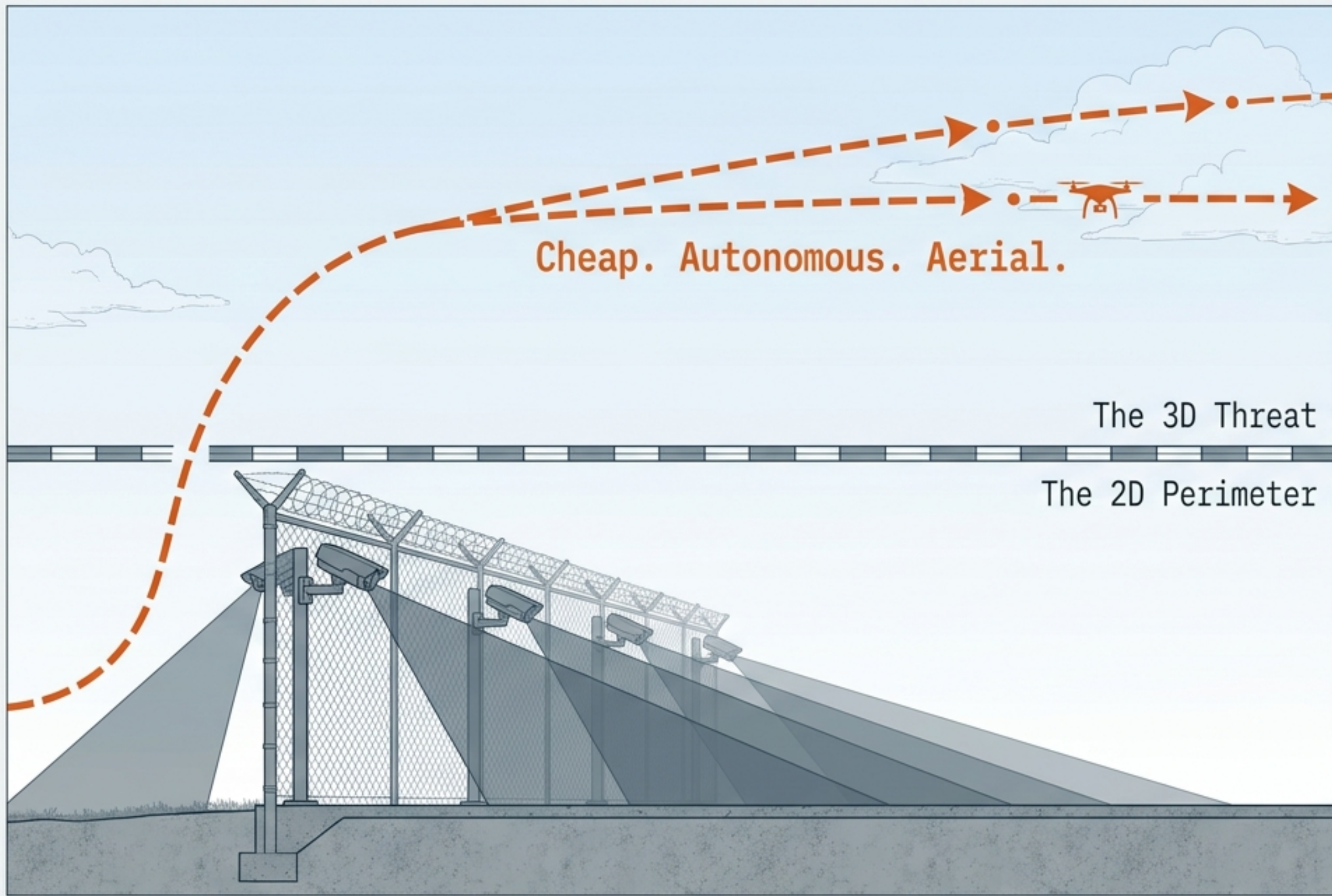




Silent Dome
Airspace is the next perimeter
AI-powered, multi-layer airspace security.
Fusing acoustic, RF, radar, and optical intelligence.



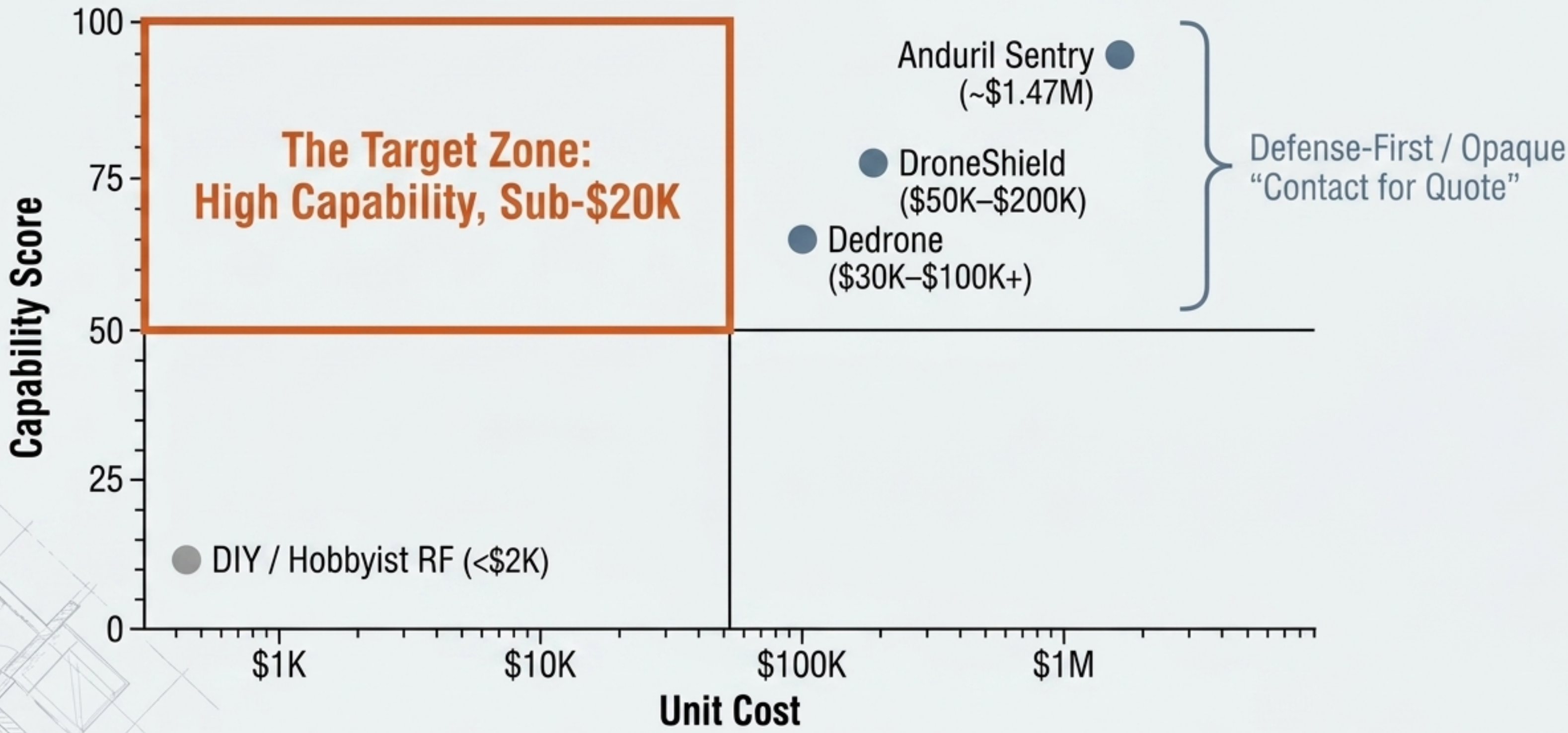


INCIDENT ESCALATION (2018 VS. 2023/24)

- **NFL Stadiums:**
67 → 2,845 incursions
(+4,145%)
- **US Federal Prisons:**
23 → 479 incidents
(+2,000%)
- **US Power Generation:**
>13,000 incursions
detected in 2024
alone.

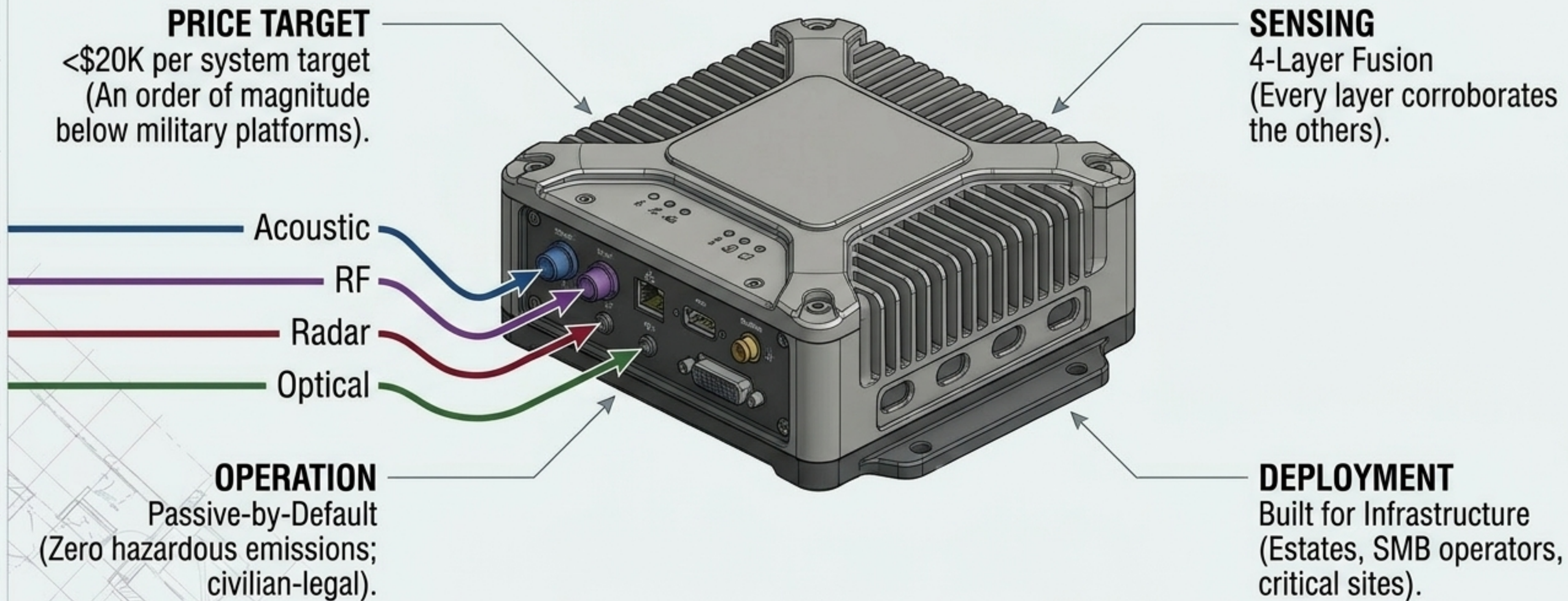
A \$400 QUADCOPTER DEFEATS TRADITIONAL PERIMETER SURVEILLANCE IN SECONDS.

DAYLIGHT TACTICAL / HIGH-END AEROSPACE EDITORIAL



The most vulnerable perimeters—estates, warehouses, utilities—are priced out. The market requires military-grade fusion at an infrastructure price point.

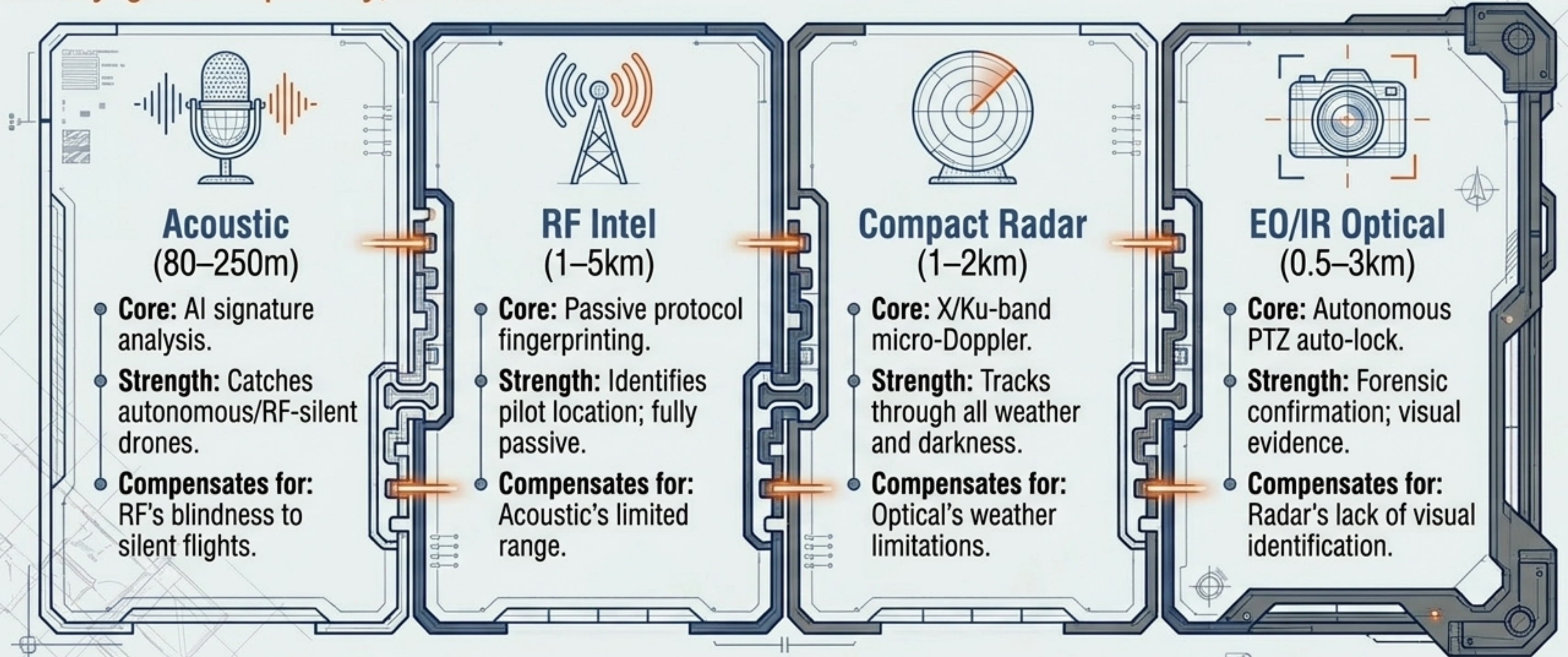
Enter Silent Dome. High-end capability, democratized.



The market requires military-grade fusion at an infrastructure price point.

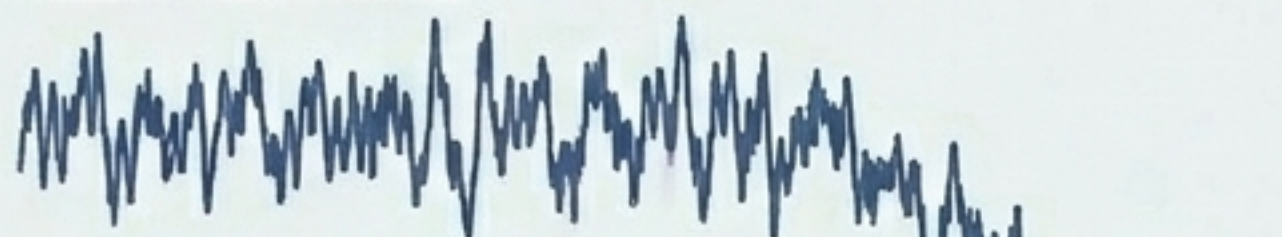
MULTI-LAYER FUSION: INTERLOCKING DIAGNOSTIC MATRIX

Military-grade capability, democratized.



The market requires military-grade fusion at an infrastructure price point.

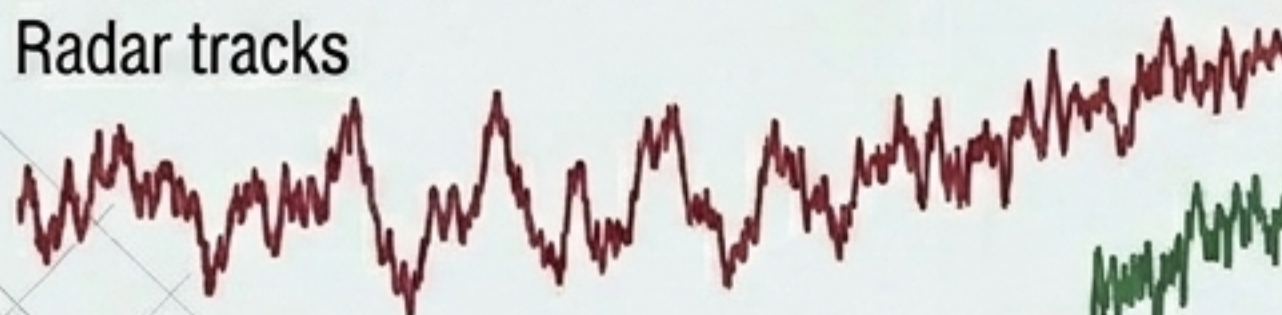
Audio harmonics



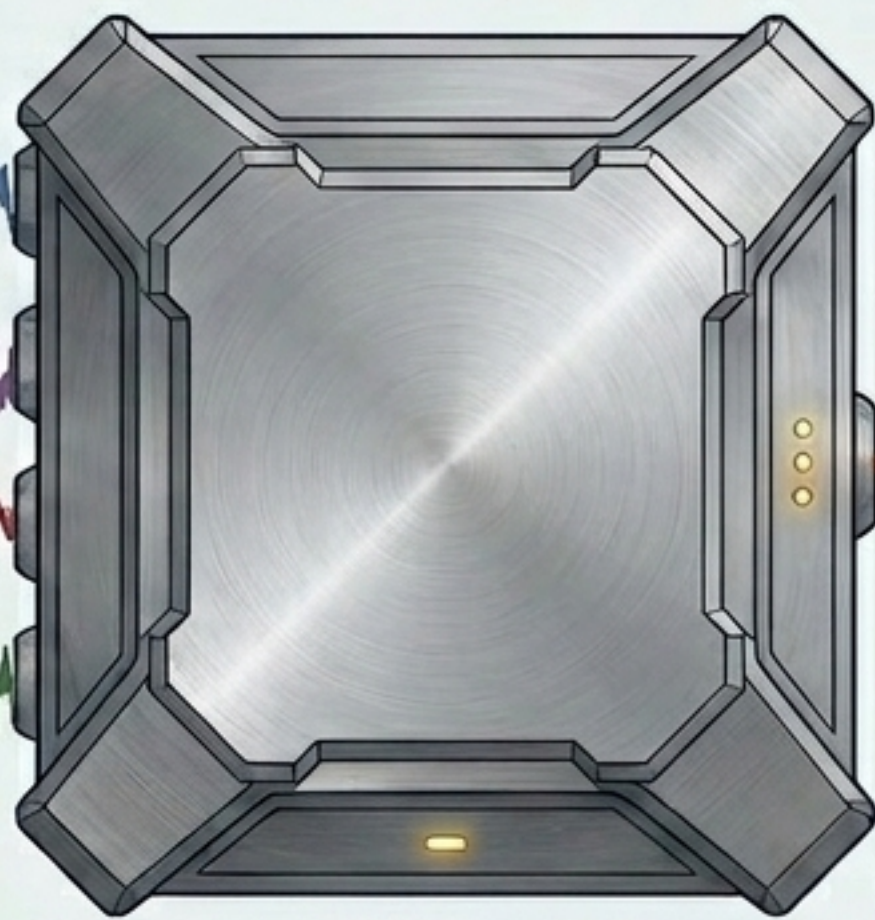
RF protocols



Radar tracks



Visual data



- Inference latency: <120ms
- NIST AI RMF Aligned

THREAT DETECTED: DJI Quadcopter
CONFIDENCE: 92%
BEARING: 38.7°N, 9.1°W
STATUS: Evidence Chain Encrypted

The engine models sensor unreliability. Loss of one modality degrades confidence, not total detection.

The entire DTICR (Detect, Track, Identify, Classify, Respond) decision loop closes in three seconds.



5.0 km | RF Surveillance
(Passive early warning, pilot triangulation).

2.0 km | Radar Volume
(All-weather target tracking).

250 m | Acoustic Perimeter
(Close-range forensic confirmation).

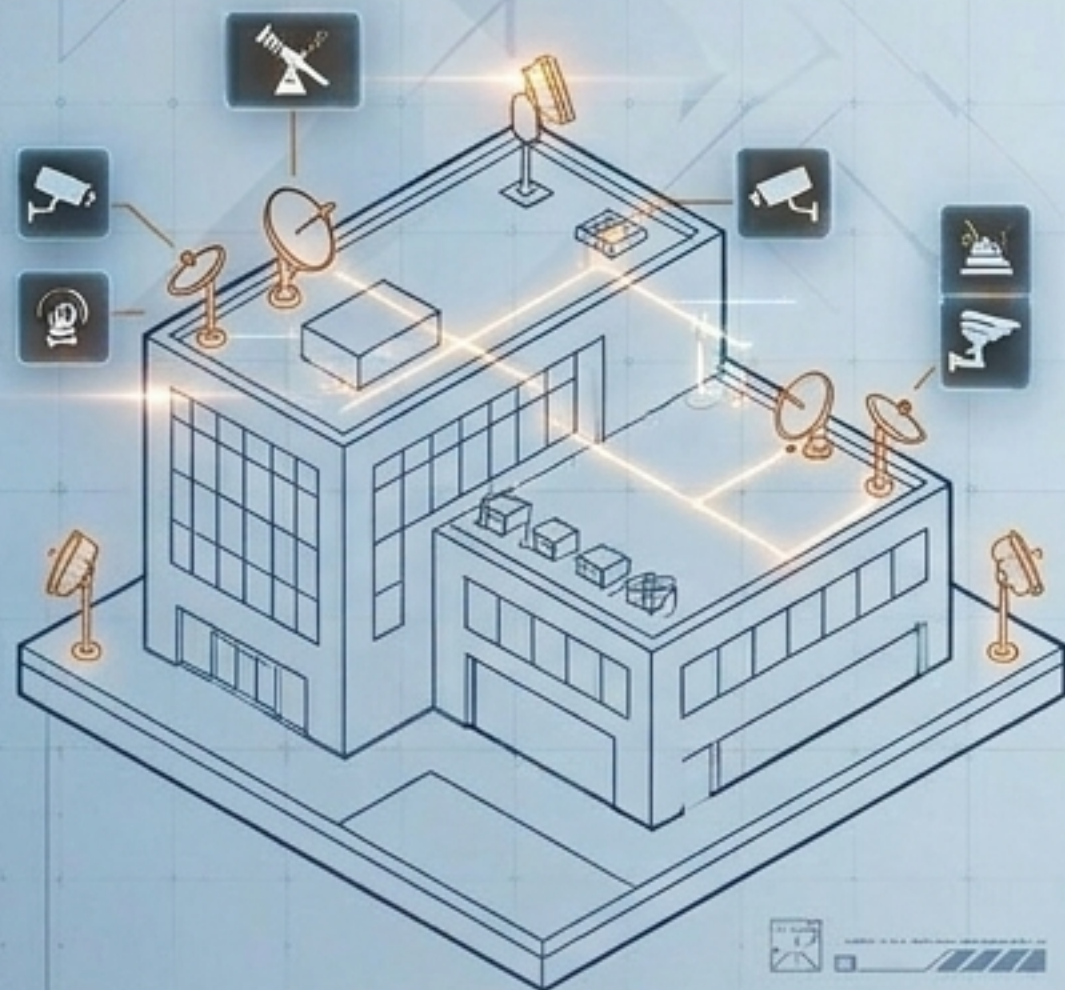
TGT-001
LCK @ 820m

Hostile Drone Track
(Hostile drone roompectable
oomponets, wrestüed zrast
: hostile drone trajectory).

Outer rings provide early warning. Inner rings provide forensic lock-on and unshakeable classification.

1

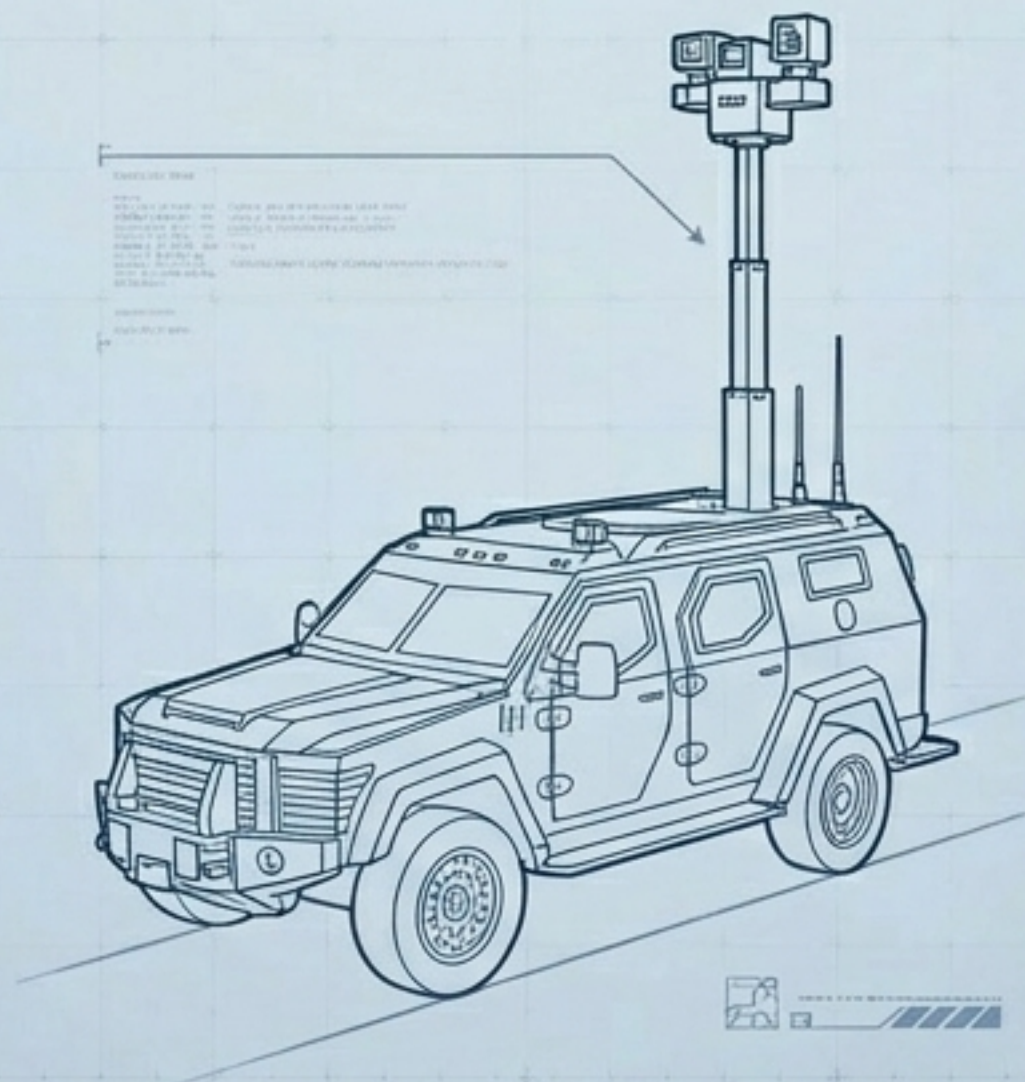
Fixed Site (Estates / Industrial)



Permanent, powered (PoE/240V).
Setup in <1 day.
1 AI Core + multiple sensor nodes.

2

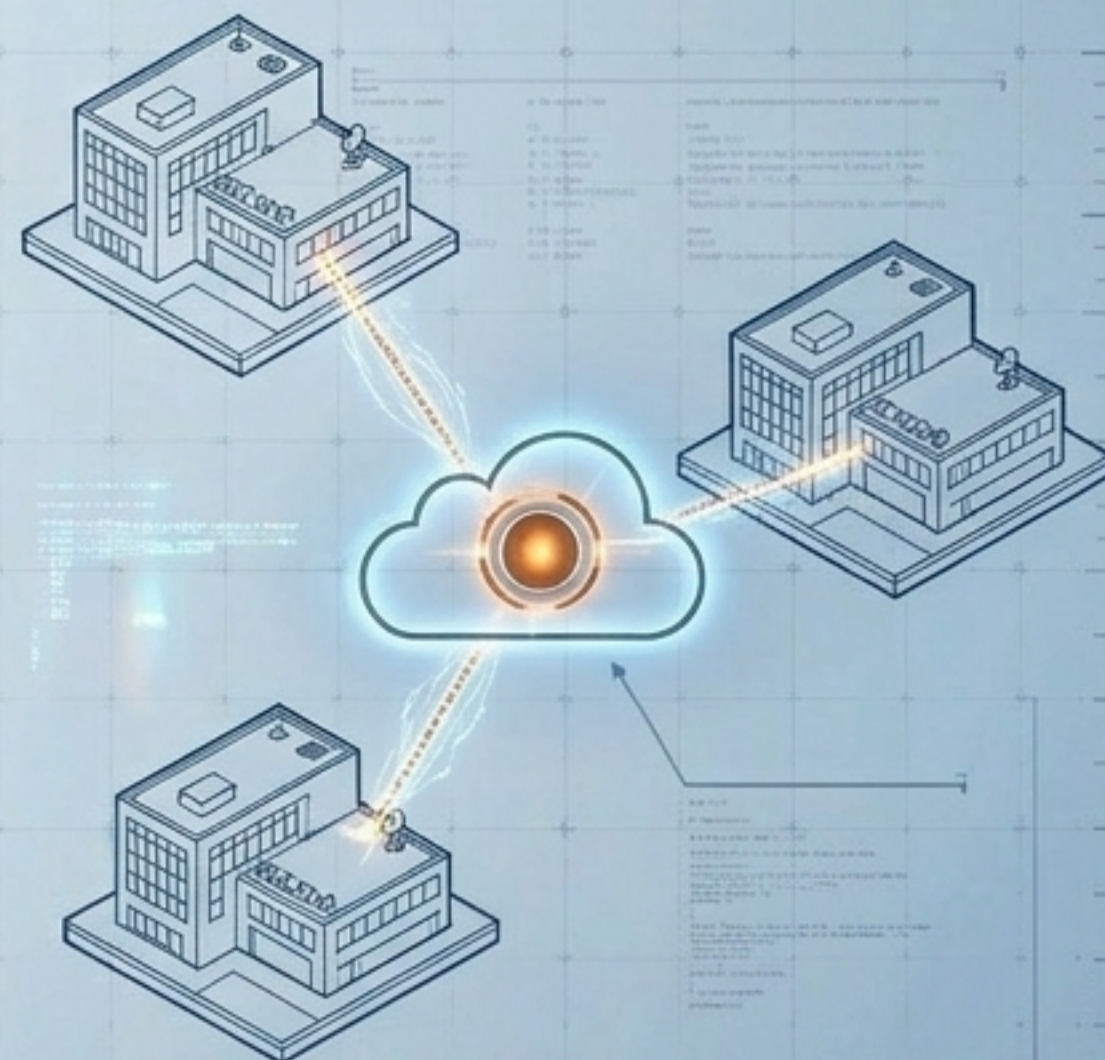
Mobile Tactical (VIP / Events)



Deploys in <15 mins.
Independent power (Battery/Solar).
5G/Satellite uplink.

3

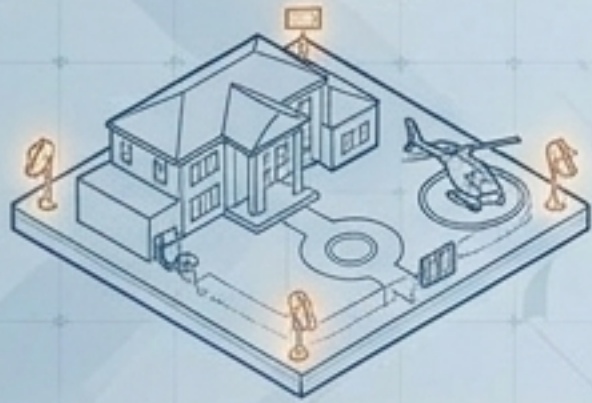
Mesh Multi-Site (Enterprise)



Federated cloud sync.
Unified Common Operating Picture
(COP) across multiple facilities.

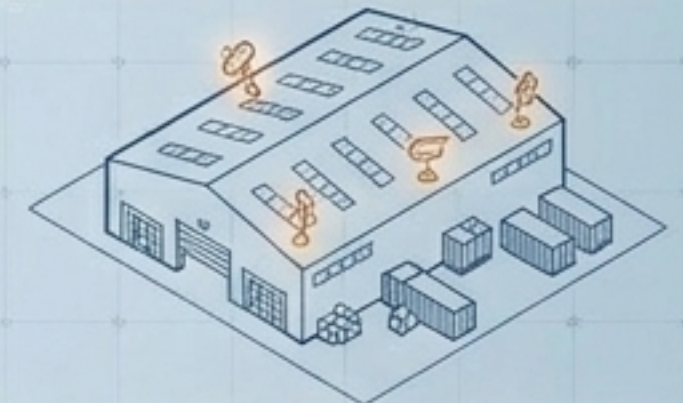
Engineered for the perimeters that matter.

HNW / Family Offices



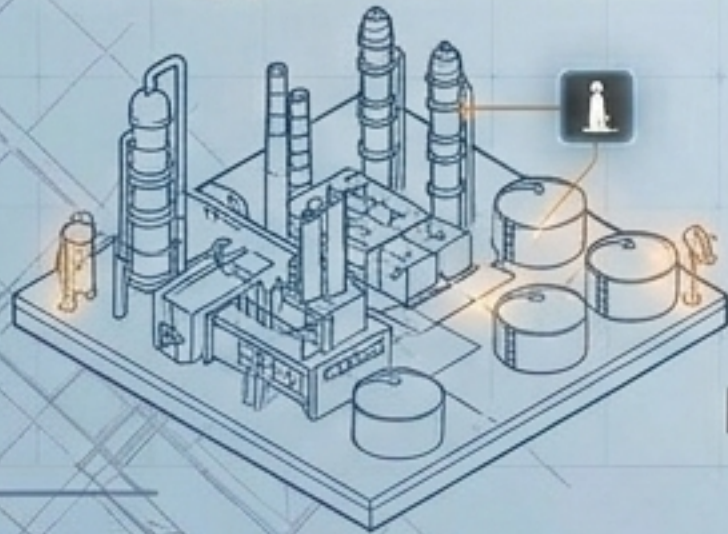
Discreet awareness over gated compounds.
(~510,000 UHNW households globally).

Logistics / Warehouses



Protecting inventory, IP, and rooftop infrastructure from reconnaissance.

Energy / Refineries



High-consequence environments where
drone scouting precedes incidents.

Utilities / Solar Farms



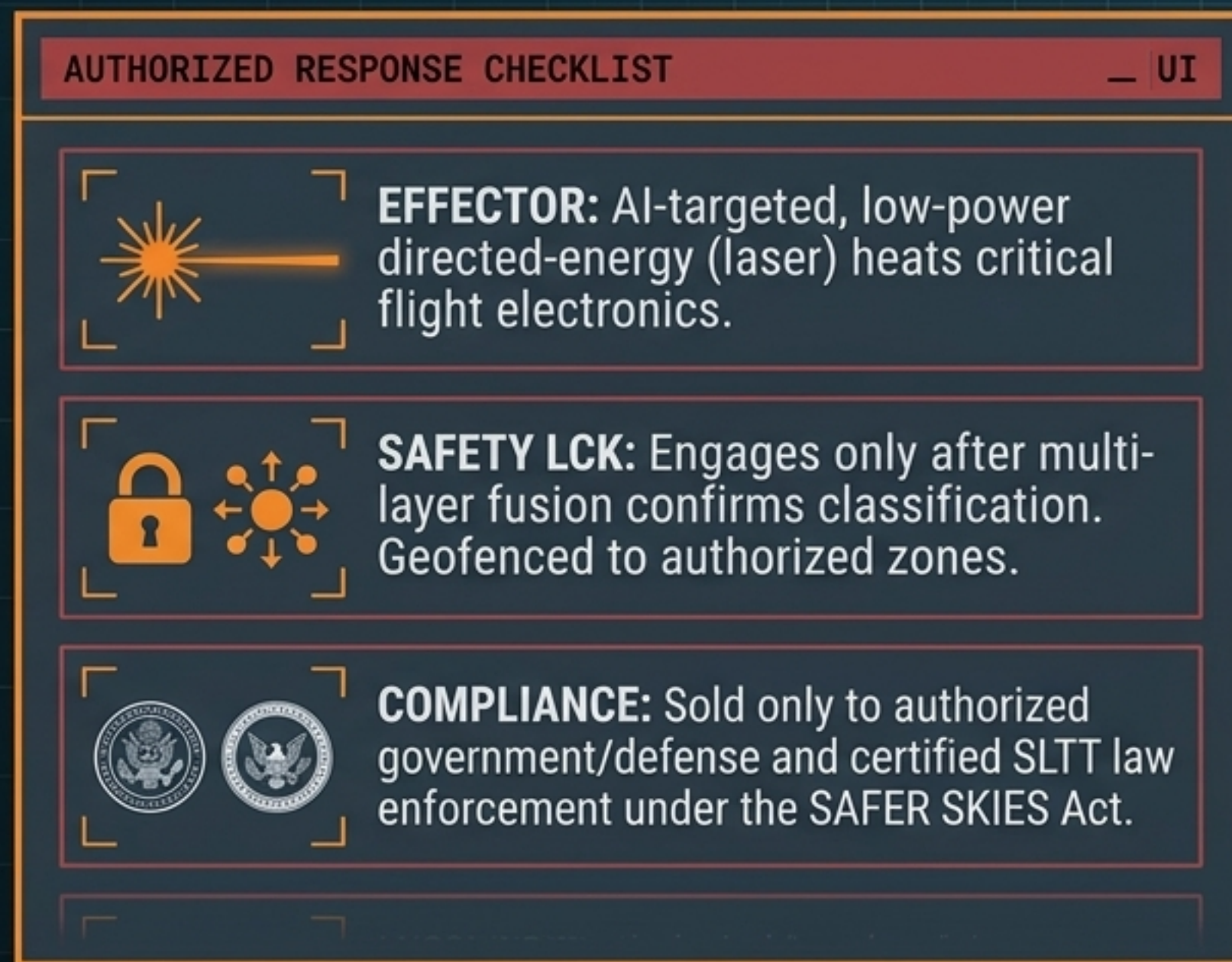
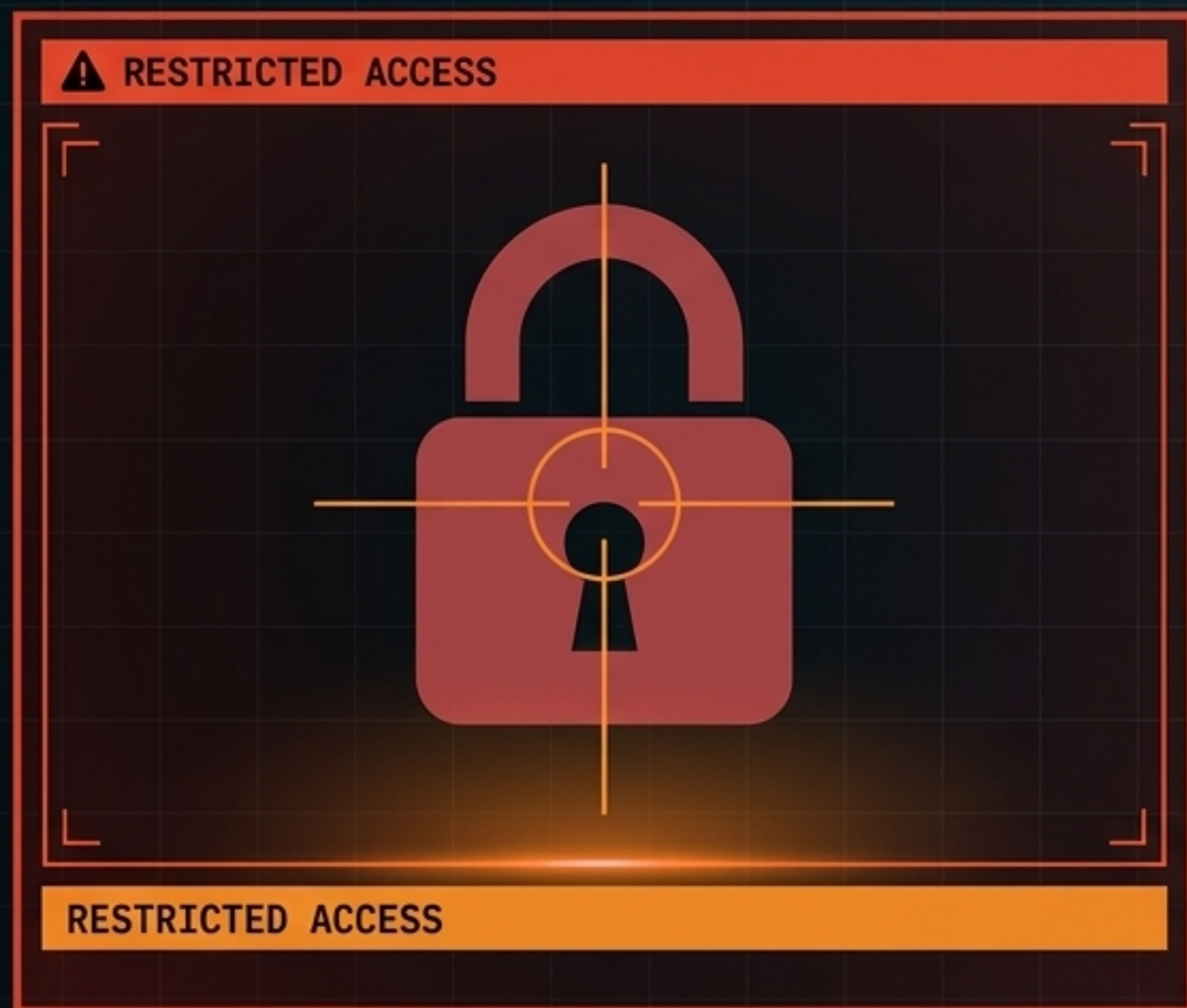
Detecting copper-theft scouts
across remote, multi-acre arrays.

\$12.8 Billion

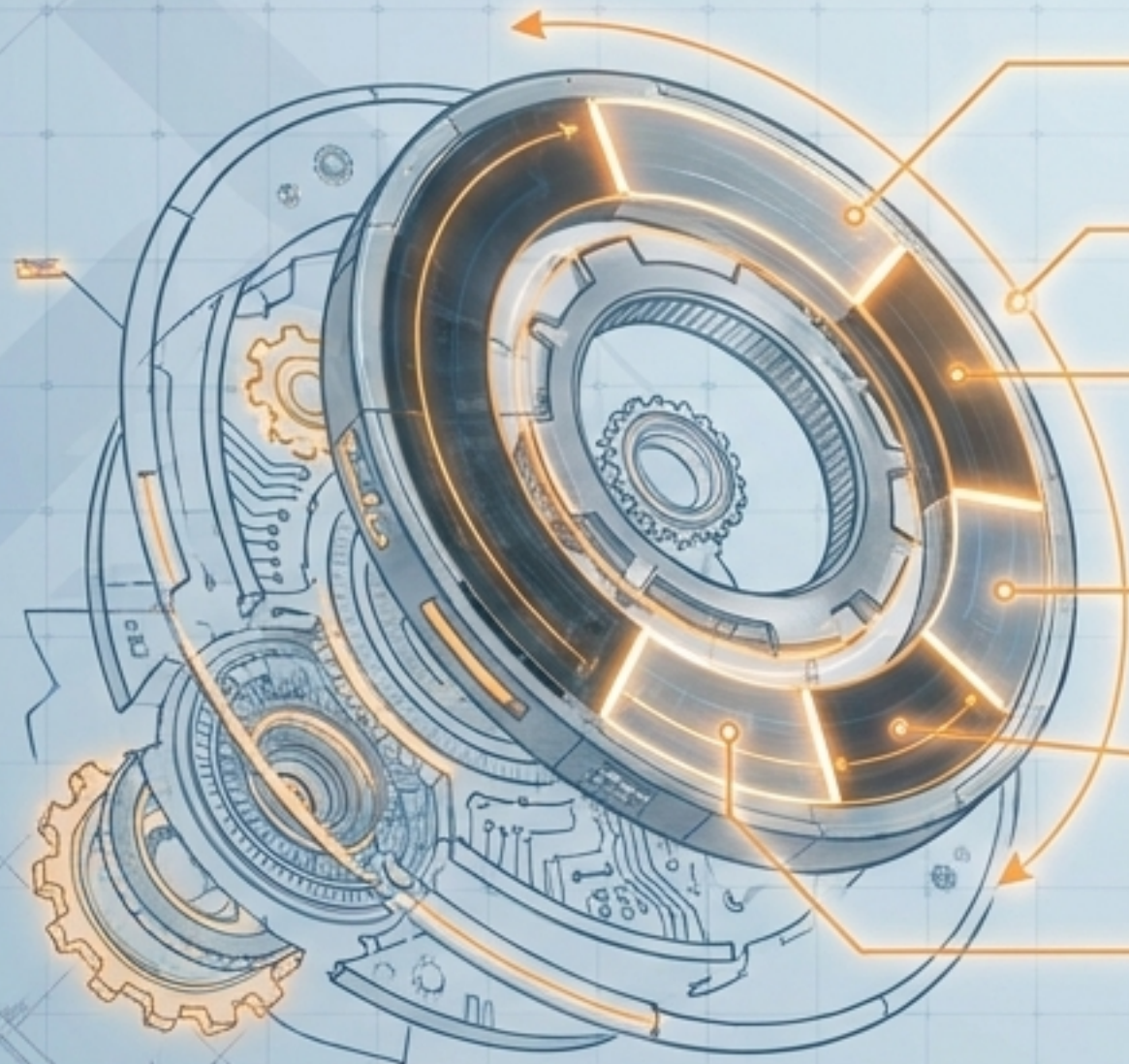
(Estimated Serviceable Market
for UHNW Residential alone)

The Optional Response Layer

When detection isn't enough. Strictly for authorized operators.



Engineered to Price: The Sub-\$20K Architecture



Midpoint Est. \$15.5K total BOM



Radar Layer: 40% (\$8,000)



Optical/Thermal PTZ: 19% (\$3,750)



Network/Power/Software: 16% (\$3,250)



Acoustic Layer (x3): 14% (\$2,750)



AI Compute & Fusion: 11% (\$2,250)

Total Cost of Ownership (TCO)

Low operational drag. System draws <200W total site power.
Over-the-air updates ensure near-zero maintenance overhead.



FCC (Emissions)

Operates entirely within Part 15 and licensed allocations.

Status: Passive by default. Zero illegal jamming.



FAA (Airspace)

Ground-based detection platform. Not subject to 14 CFR Part 107.

Status: No flight risks. Does not operate or store UAS.

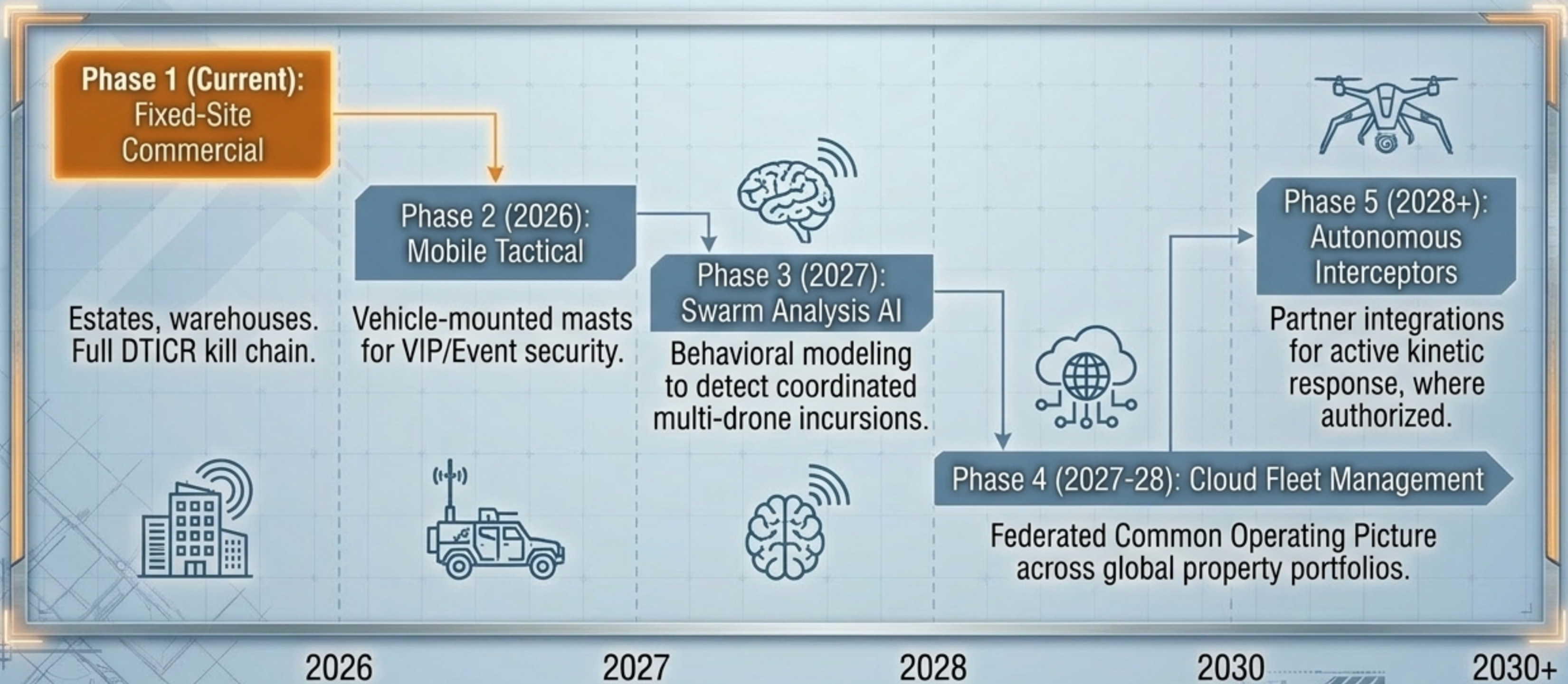


State Privacy Laws

Acoustic/RF sensors look up. Does not record ground-level civilian activity.

Status: Compliant. Aligns with TX, FL, and CA civil privacy codes.

A platform, not a product.



See the threat before it reaches you.

The commercial airspace has remained an open perimeter for a decade. Silent Dome closes it.

ENTERPRISE PILOTS:
enterprise@silentdome.ai

MEDIA & PRESS:
press@silentdome.ai

ACTION:
Request a site assessment
and tailored configuration.

SILENT DOME