

Sovereign Counter-UAS Capability for Complex Operational Environments

Precision drone detection, identification, and mitigation designed, engineered, and manufactured in the United Kingdom.

A modern counter-UAS philosophy built on three uncompromising pillars.

Sovereign Trust

End-to-end UK designed and built capability, ensuring complete supply chain security and operational reliability for critical national infrastructure and defense forces.



Cognitive Edge

AI-driven, user-configurable signal capture and classification that adapts dynamically to emerging RF threats.

Invisible Awareness

Zero-emission passive RF sensing combined with Remote ID decoding, allowing operators to monitor the airspace without revealing their own presence.

Adaptive PHY-layer identification eliminates the reliance on rigid threat libraries.

The Legacy Vulnerability



The UAVTEK Advantage



Multi-Band Monitoring

Concurrent monitoring across multiple frequency bands using a multi-radio, multi-channel architecture.

DJI & Commercial Link Detection

Guaranteed detection of commercial drone communication links, including all compliant and non-cooperative DJI platforms.

Spatial Localisation

Sectorised antenna designs provide deep spatial signal awareness, pinpointing origin vectors even in dense RF noise.

UAVTEK Sense delivers real-time tactical awareness at the dismounted edge.

Form Factor

Compact, lightweight, and field-ready design for on-foot operations and in-vehicle use.

Operational Role

Enables frontline personnel to rapidly localize threats and build a mobile operational picture without fixed infrastructure.

Hardware Foundation

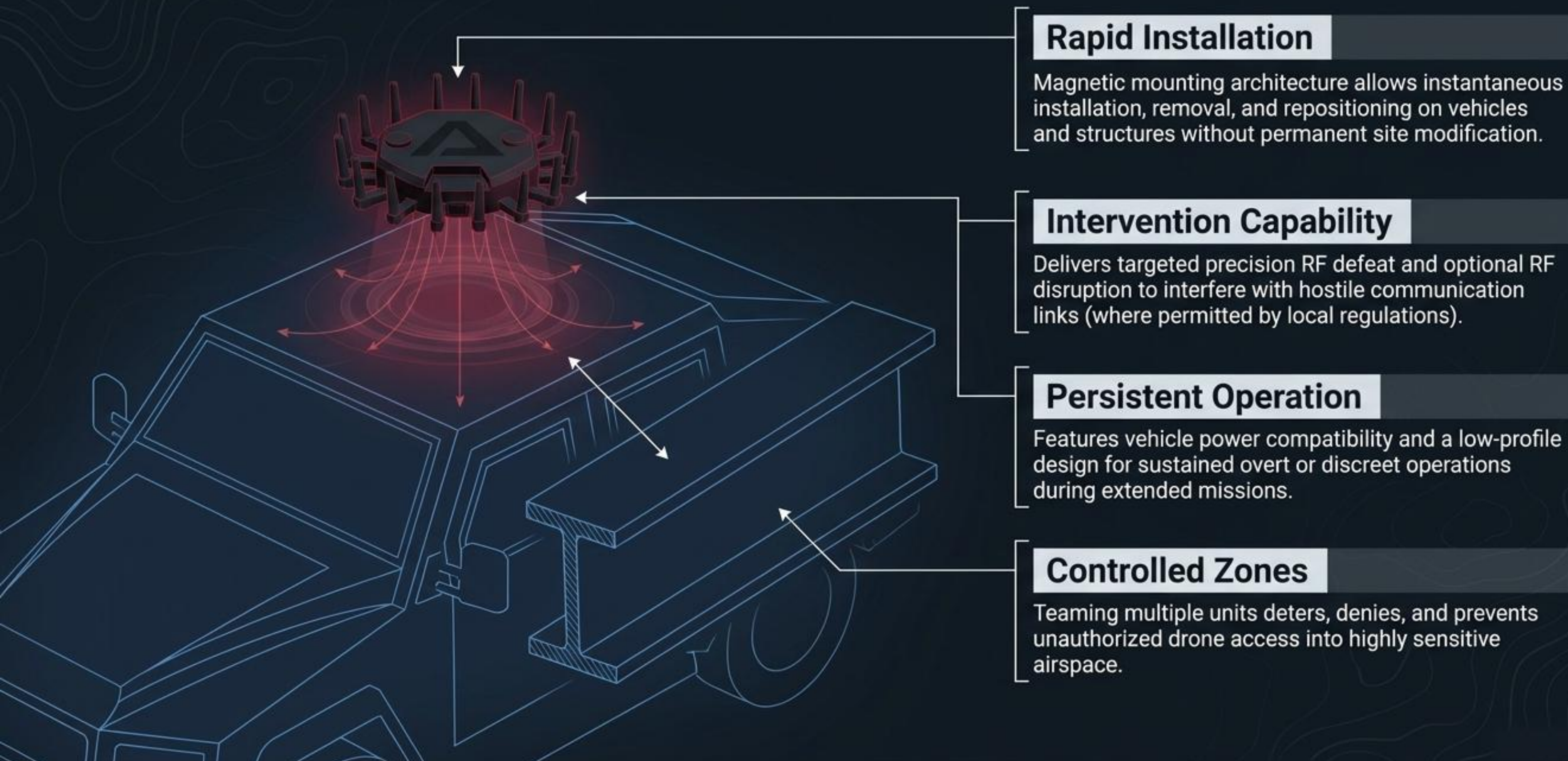
Deployed on ruggedized, field-tested platforms (choice of USA-designed TRIPLTEK Mini or Vietnam-manufactured Samsung XCover 7).

Intuitive UI

Minimizes the training burden, allowing operators to focus entirely on high-stakes decision-making rather than complex system management.



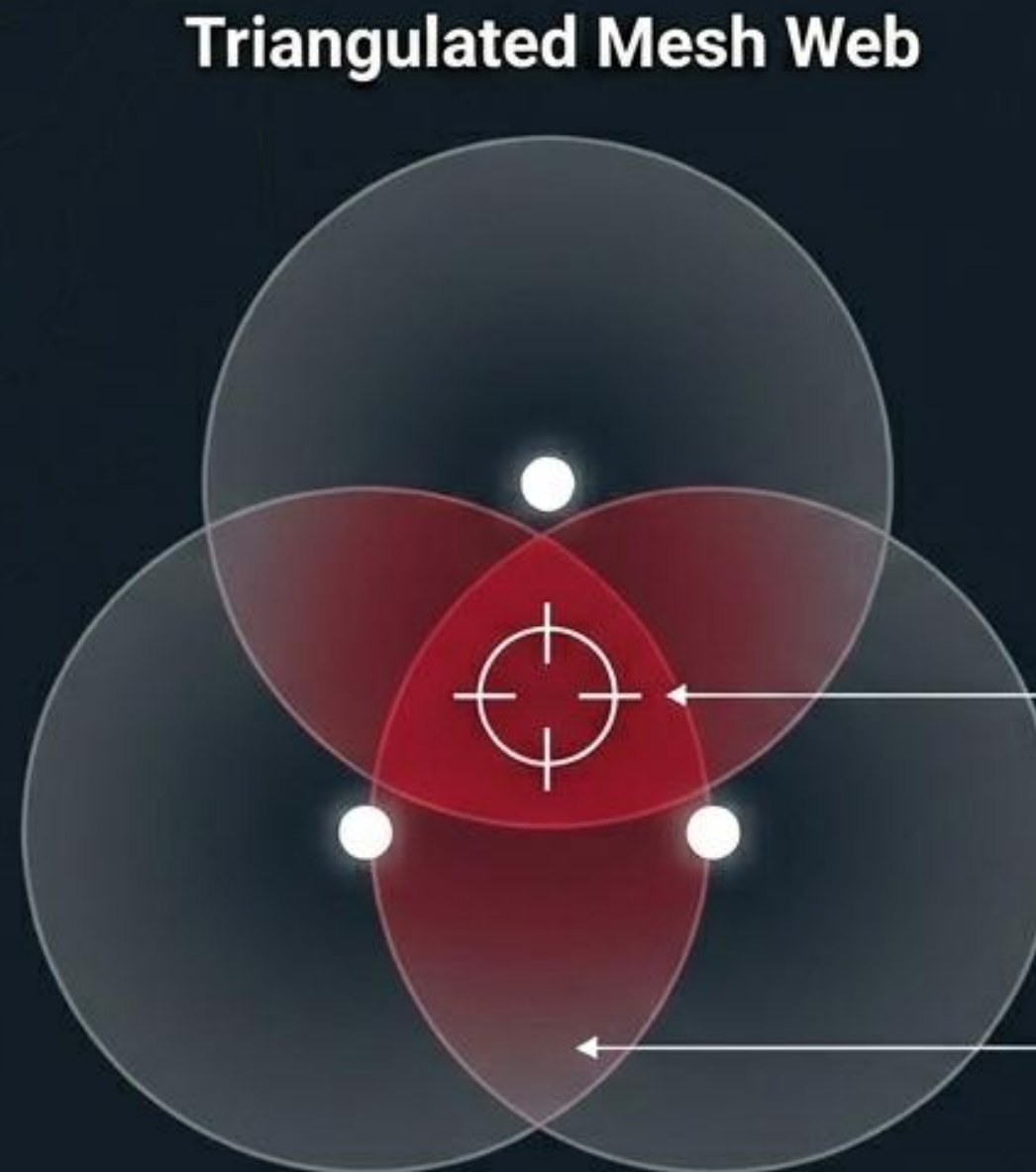
UAVTEK Protect establishes active, precision-controlled mitigation zones.



Aligning the technological capability with the operational requirement.

Operational Dimension	 UAVTEK Sense	 UAVTEK Protect
Form Factor & Mobility	Body-worn handheld, highly portable, ruggedized smart device integration.	Low-profile structural/vehicle mount, magnetic base, vehicle power compatible.
Primary Tactical Role	Mobile drone awareness, rapid threat assessment, dismounted patrol sweeps.	Persistent detection, spatial awareness expansion, scalable active protection zones.
Deployment Velocity	Immediate (Instant-on pocket deployment).	Rapid (Minutes to mount and power via magnetic architecture).
Core Intervention	Passive RF sensing, direction finding, Remote ID decoding.	Targeted link interference, precision RF defeat techniques.

Mesh networking exponentially multiplies spatial awareness and detection accuracy.



Collaborative Architecture:

Multiple units operate as a seamlessly coordinated ecosystem.

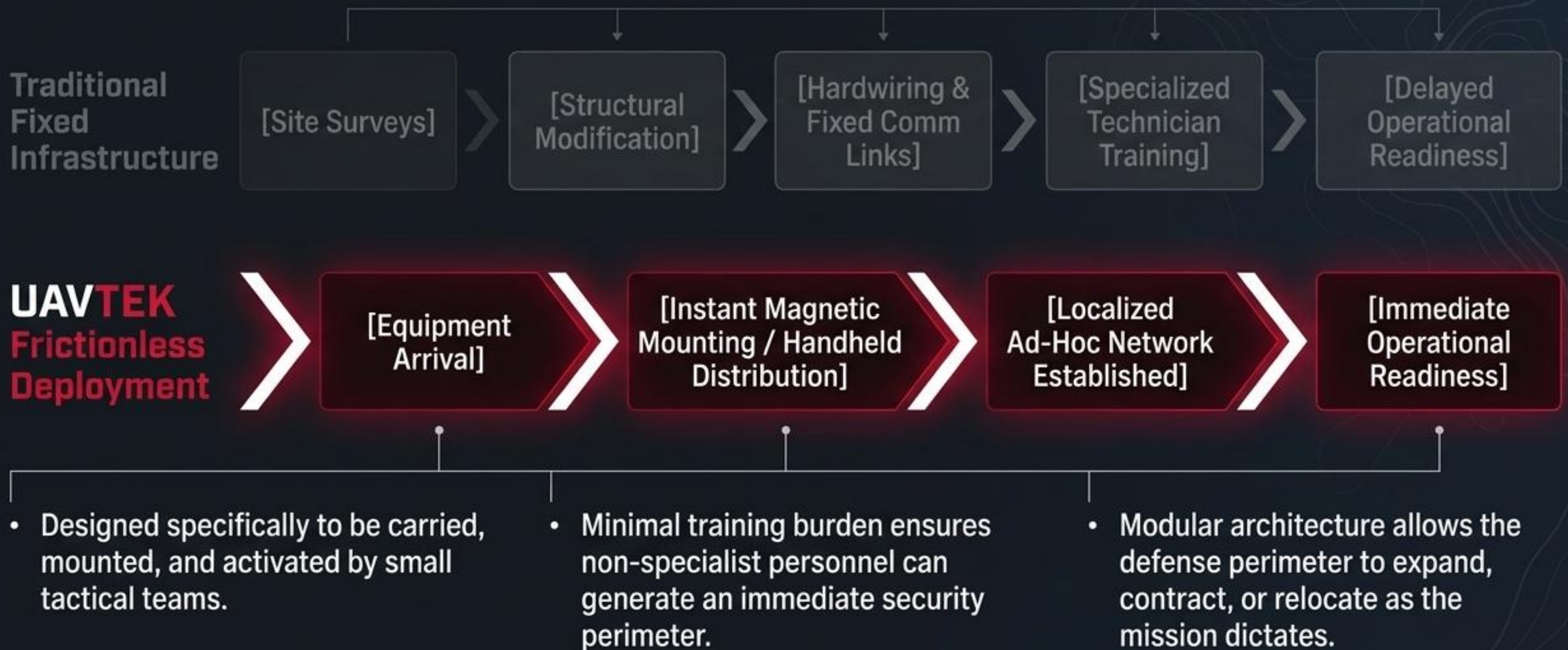
Distributed Direction-Finding:

Teaming multiple nodes drastically enhances Direction Finding (DF) accuracy, pinpointing both the UAV and the pilot's location.

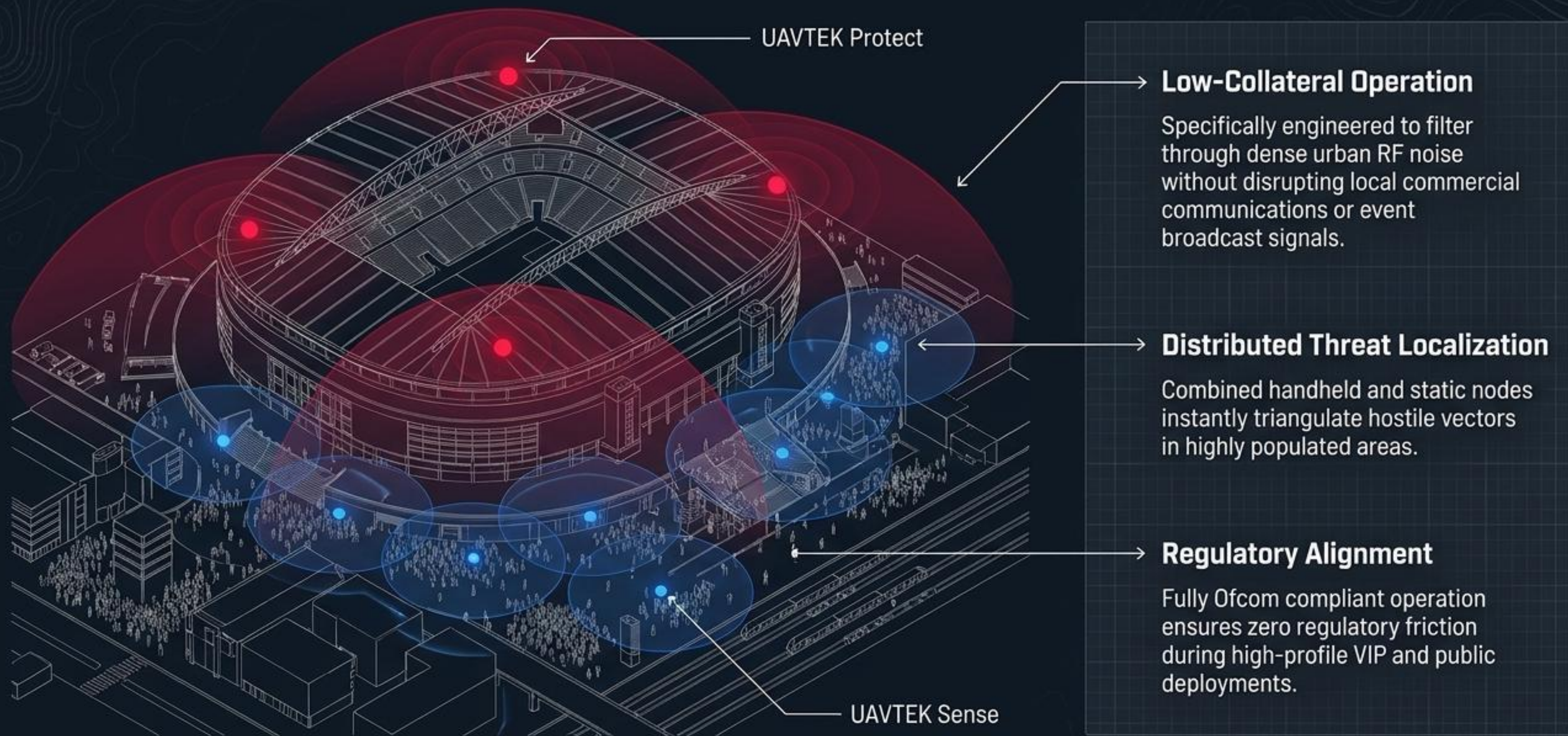
Scalable Coverage:

The system's intelligence naturally scales, improving the operational picture with every additional node deployed.

Frictionless deployment requires zero site modification or fixed infrastructure.



Securing complex urban environments and major public events



Establishing fluid perimeters for expeditionary and convoy operations.

Dynamic Relocation



Magnetic architecture allows temporary operating bases and fast-moving convoys to instantly deploy, collapse, and reposition their C-UAS shield.

Force Protection



Uninterrupted situational awareness during transit, protecting mobile assets from localized aerial ambushes.

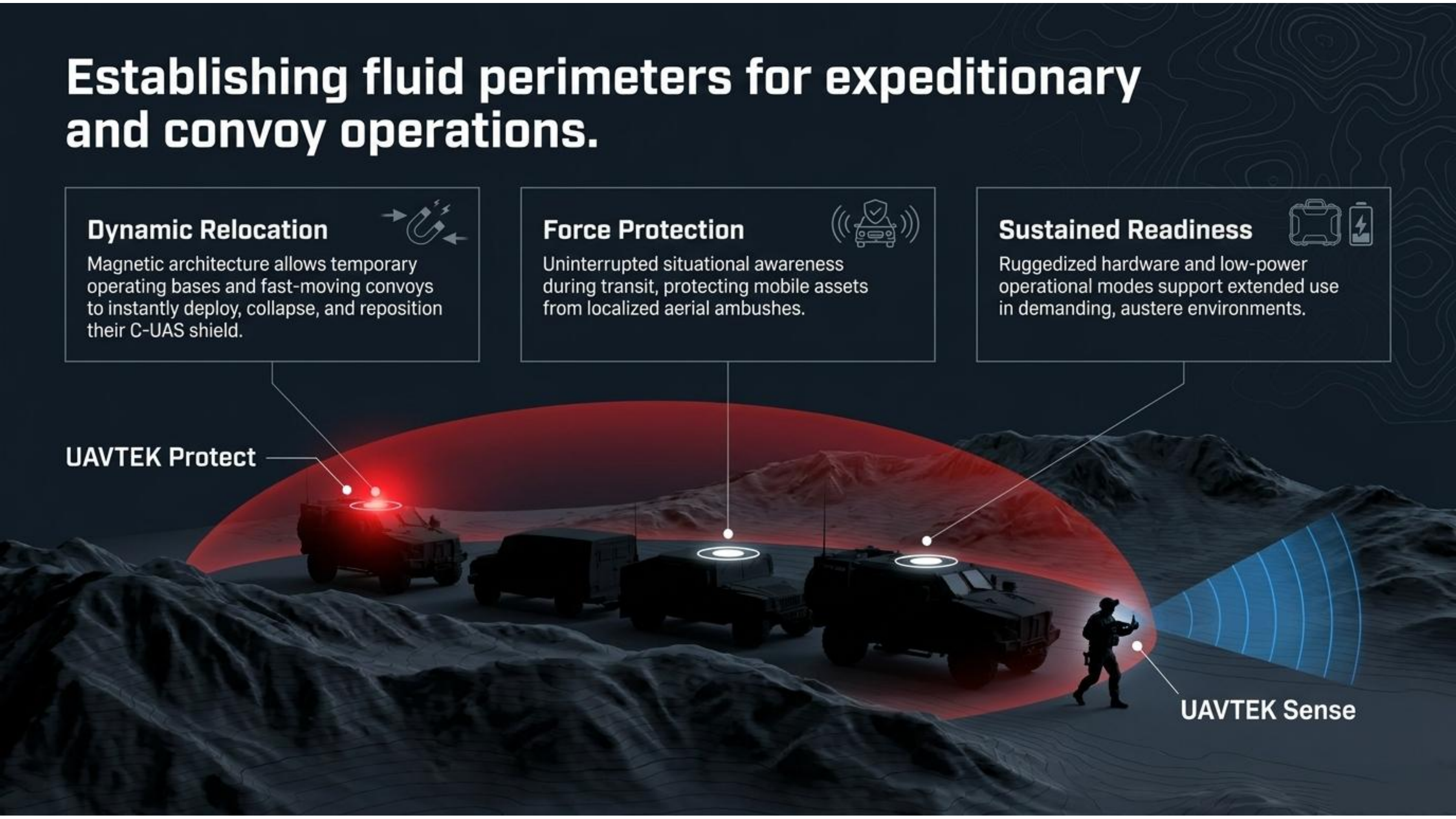
Sustained Readiness



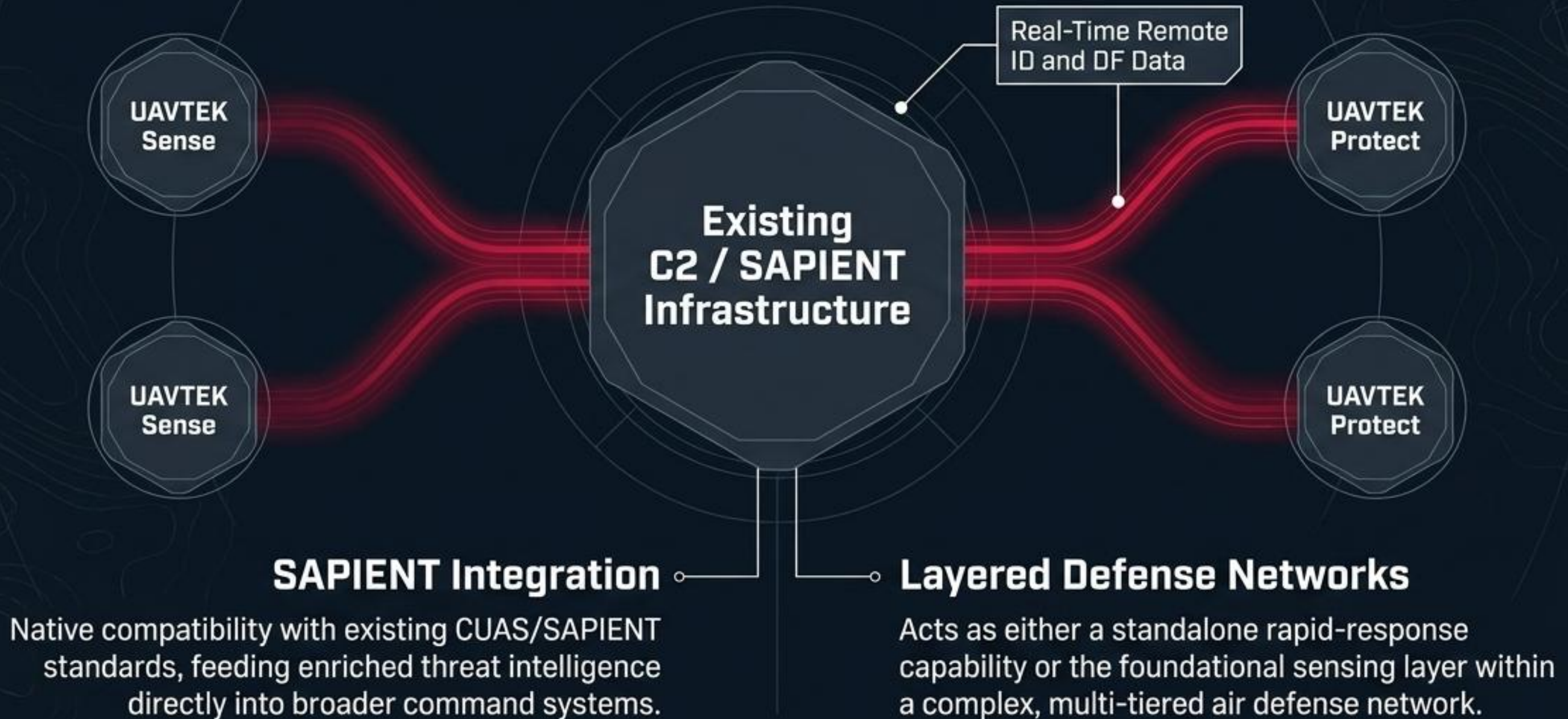
Ruggedized hardware and low-power operational modes support extended use in demanding, austere environments.

UAVTEK Protect

UAVTEK Sense



Open architecture seamlessly integrates into existing defense ecosystems



The ultimate sovereign capability to maintain control of the airspace.



A uniquely British-engineered advantage, delivering absolute situational awareness and decisive operational control in the most demanding environments on earth.