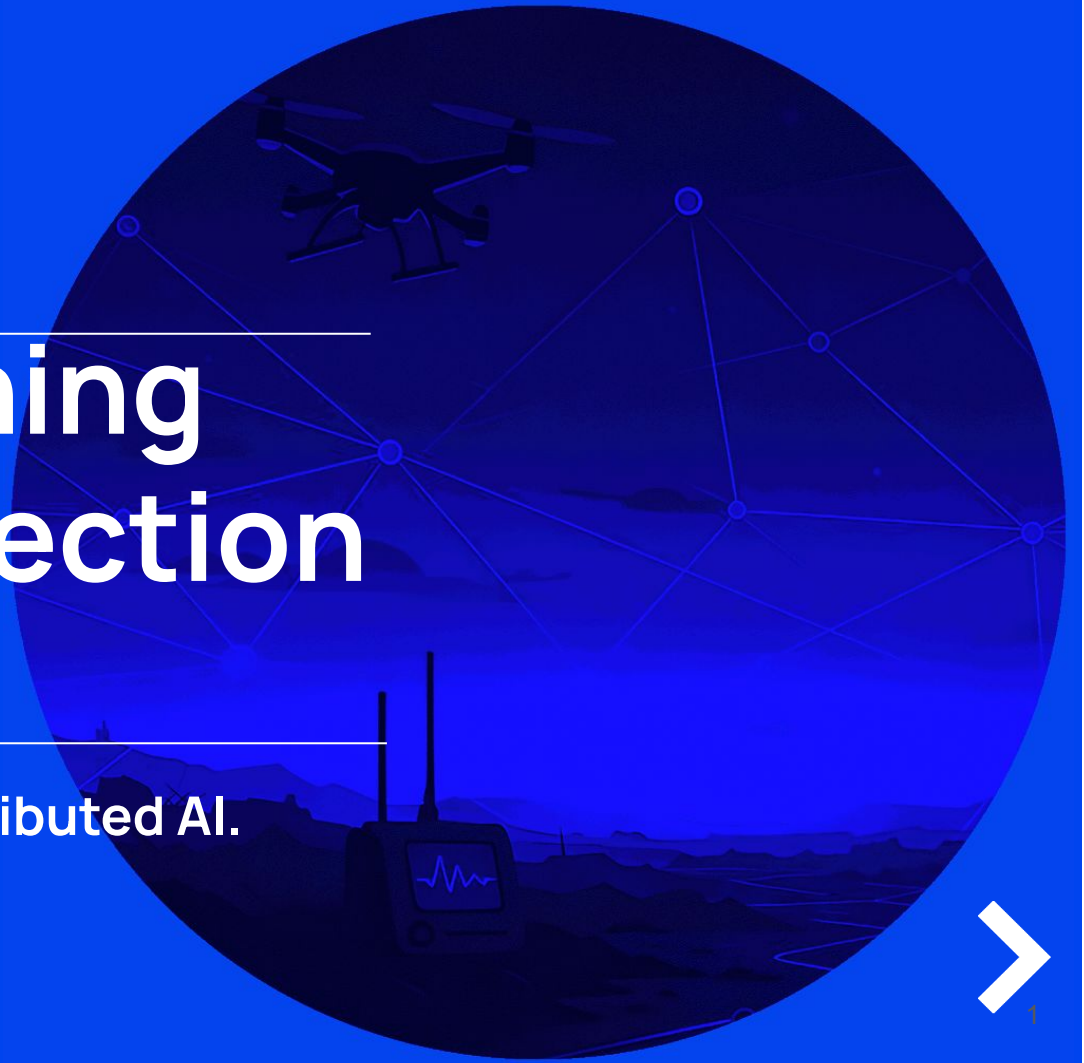
Foresight One

Early Warning Drone Detection System

Scalable. Passive. Distributed AI.



Foresight One

The Problem

The Asymmetric Threat of Small Drones

- **Invisible to Radar:** Small FPVs and drones fly low and slow, evading traditional air defense radar.

- **Cost Imbalance:** A $500 drone can destroy equipment worth millions.

- **Massive Scale:** The enemy deploys thousands of drones daily. Current defenses cannot scale economically to meet this saturation.

- **The Gap:** There is no scalable, low-cost early warning system for the "last mile" of air defense.

Foresight One

The Solution

A Distributed AI Mesh Network We don't just detect drones; we create a smart shield.

- **Broadband Sensors:** Passive radio receivers (0.7–6.5 GHz) that are invisible to the enemy.

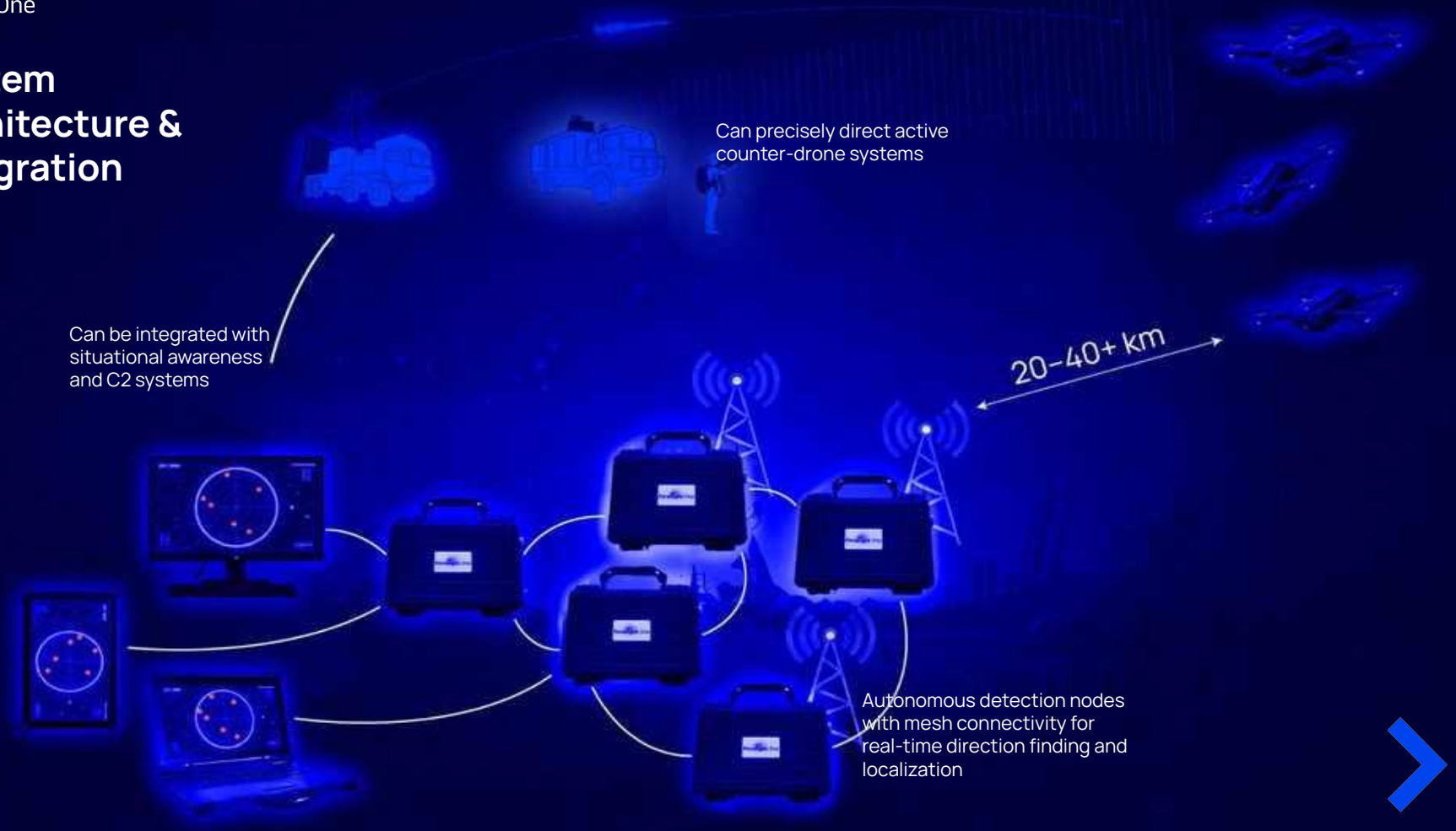
- **Mesh Connectivity:** Nodes self-organize. If one is lost, the network heals.

- **Distributed AI:** Lightweight AI classifiers run on the edge (Raspberry Pi 5), not expensive servers.

- **Precision:** 3D geolocation and triangulation of threats up to 40+ km away.

Foresight One

System Architecture & Integration



Foresight One

Operational Deployment:

Prototypes deployed with 241st Territorial Defense Brigade in the Zaporizhzhia sector and with the 34th Marine Brigade in Kherson.

- **Validated Performance:**
  - **40+ km** detection range achieved in combat conditions.
  - High praise from Electronic Intelligence (ELINT) operators.
- **Partner Interest:** AI algorithms developed (June–Nov 2025) under a DARPA-funded research program; Tulane University Proof-of-Concept (PPOC) grant awarded in Nov 2025; Brave1 & Victory Drones memberships.
- **Status:** 5 ruggedized prototypes built; Mesh software in development; U.S. Provisional Patent Filed (No. 63/920,163).

2025
Concept, algorithms, first prototypes

2026
100+ pilot modules, mesh on the front line

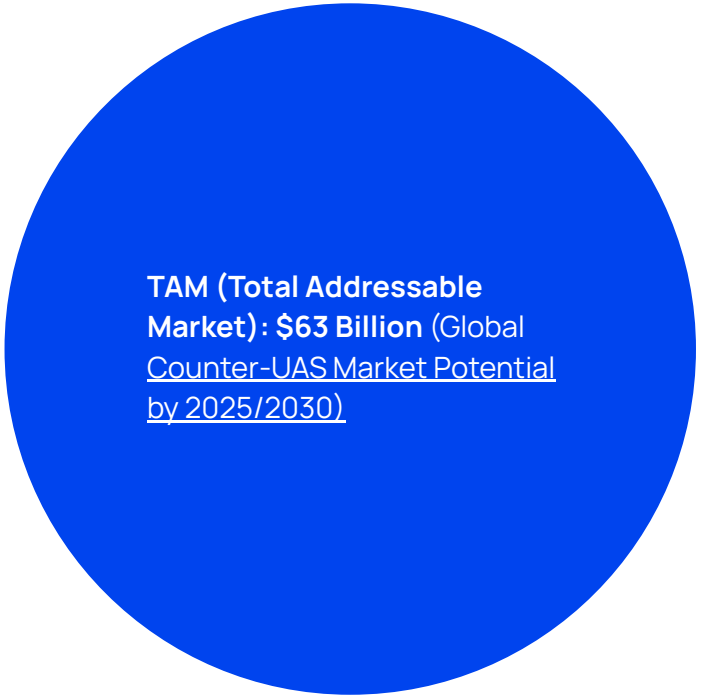
2027
Mass production of ~1K in Ukraine

2028
Scaling up to the global market

Foresight One

Market Opportunity

A Rapidly Exploding Global Market



SAM (Serviceable Addressable Market): $10 Billion

(Ground-based detection segment, projected ~50% of market share).

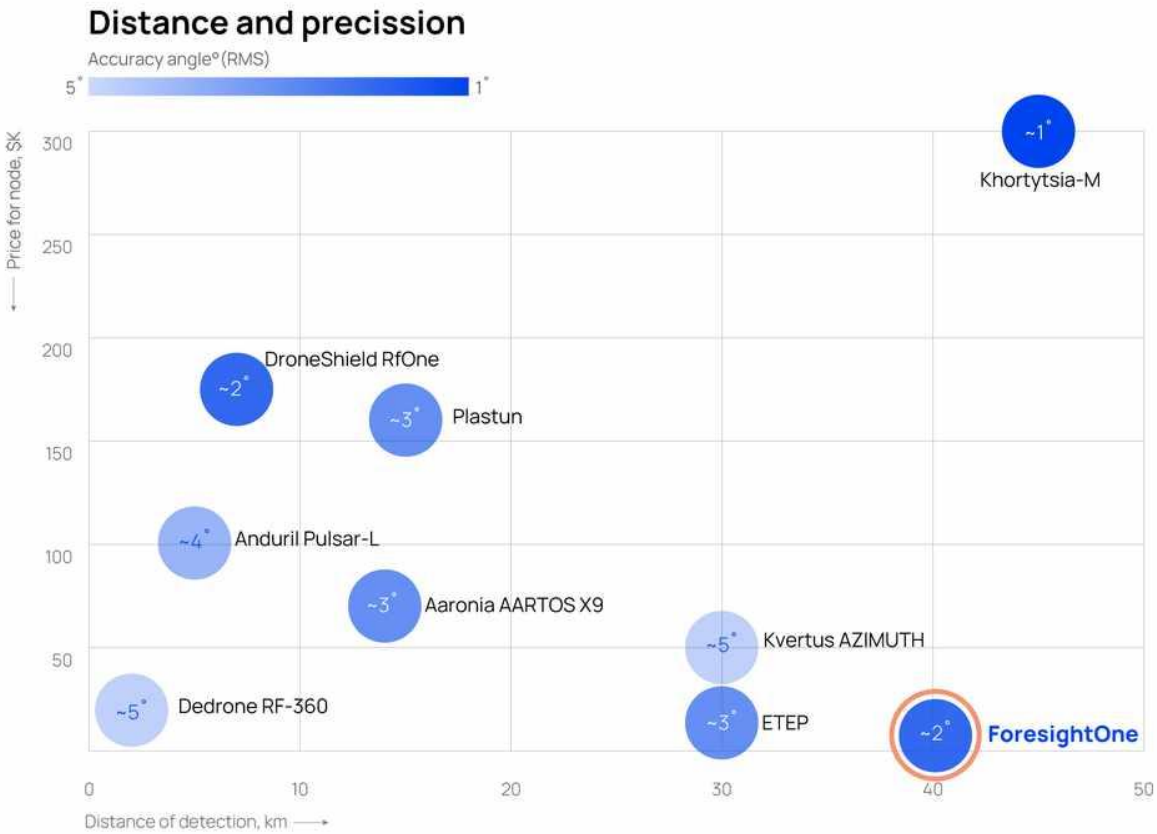
Why Now? Demand is shifting from military-only to protecting airports, stadiums, and energy grids globally.

Foresight One

Competition

Disrupting the Cost Structure
Current solutions are too heavy, too expensive, or too power-hungry.

Our Advantage: We are the only solution capable of economically covering huge areas via a mesh of low-cost nodes.



Foresight One

Business Model

Dual Revenue Streams

- Military
  - **Hardware sales** (detection nodes and accessories)
  - **Subscription** for AI/Software updates (threat database, signatures, models)
  - **Foresight PRO:** access to the development environment to build custom AI models and integrate them with Foresight One
  - Collaborations with other non-prime manufacturers (sub-licensing)

- Civilian
  - **Custom security architecture design and deployment services**
  - **Subscription** for AI/Software updates
  - **Dedicated cloud solutions:** hosted access plus data delivery on request (APIs/reports)

Foresight One

Thank you for your attention