

Every Machine Tells a Story. We Listen

The Ask: **\$3M**

Funding Year: 2025 | Industry: Defense & Energy

Real-Time Fault Detection Using Acoustic and Edge AI – Preventing Catastrophic Failures, Reducing Maintenance Costs, and Minimizing Machine's Downtime

The Problem

Military and energy assets suffer from reduced availability due to reactive maintenance practices. Existing sensors detect faults too late - often after physical damage has already occurred. Diagnosis depends on subjective human expertise, leading to unplanned downtime and compromised mission readiness.

Business Model

Our business model is subscription-based. Offering flexible packages that scale with the size of the system. We focus on providing value through a simple, plug-and-play solution, with pricing aligned to customer needs and measurable savings.

Solution

A compact, plug-and-play system leveraging Edge-AI for real-time anomaly detection, fully embedded within the machine.



Plug & Play



AI Based



Acoustic Analysis

Competition

Our competitors include established players offering sensor-based systems and cloud analytics.

Competitive edge: plug-and-play system combined with edge-AI and acoustic analysis, offering a simple yet advanced solution.

Market

The energy production and defense sectors are vast, with organizations worldwide facing frequent equipment failures and costly downtime. These challenges drive significant maintenance and operational expenses, impacting efficiency and safety.

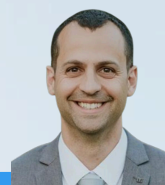
285B

Energy and Defense

26%

Predictive Maintenance

Our Team



Tal Kfir

Co-Founder & CEO
• Squadron commander deputy
• PhD in AI



Omer Tiger

Co-Founder & CTO
• Lead IAF maintenance systems dev
• B.CS graduate