

DAURALIS

Physical counter-UAS defence for data centres and critical infrastructure · Pre-Seed · May 2026

THE PROBLEM

Data centres are now established military targets. On 1 March 2026, Iranian drones struck AWS facilities in the UAE and Bahrain — the first military strikes on a hyperscaler. On 13 March, Iran's IRGC published a formal targeting list naming Amazon, Microsoft, Google, Palantir, Nvidia, and Oracle.

The entire data centre security industry was built for cyber threats. The physical layer — the building, the perimeter, the airspace above it — has no active defence posture.

Existing counter-UAS vendors (DroneShield, Dedrone, Fortem) use radar and RF jamming designed for military and airport contexts — both require spectrum licences and are prohibited for private sector use. None are deployable at civilian data centres today.

THE SOLUTION

DAURALIS builds the only plug-and-play, legally deployable counter-UAS defence system purpose-built for data centres and critical sites.

- Passive acoustic, optical, and thermal sensors only — zero restricted spectrum, 100% legal for private sites today
- YOLOv8 computer vision classification with sub-50ms edge inference
- ROS 2 autonomous multi-sensor coordination
- Native integration with BMS, CCTV, and SOC alerting — no rip-and-replace
- 48-hour deployment. No civil works, no specialist contractors
- Compliance-as-a-Service: GDPR/DPIA and insurance certification managed by DAURALIS

Instant ROI: A \$200k subscription pays back against \$15M/yr in new insurance premium exposure in the first billing cycle. Breakeven at 2 deployed sites.

WHY NOW

- Mar 1: First confirmed kinetic drone strikes on civilian cloud infrastructure
- Mar 2: Ras Laffan, world's largest LNG facility, struck. Force majeure declared
- Mar 13: IRGC publishes formal tech company targeting list

DSIT and NPSA are redrafting CNI airspace security guidance. The first vendor engaged at the regulatory layer defines the compliance standard. Insurers are now pricing drone risk at 3% of asset value — a \$500M facility faces \$15M/yr in new premium exposure.

MARKET

- \$7.2B SAM — global data centre physical security by 2033
- \$81M SOM target at ~1.4% penetration of 5,800 addressable sites globally at \$200k ARR
- \$500B+ in new data centre construction in 2025; AI compute concentrating into large, fixed, high-value targets
- UK designated data centres as Critical National Infrastructure (2024)
- EU and US have equivalent designations; no physical defence standard yet exists in any jurisdiction
- 2025 was the highest funded year on record for UK defence VC

THE RAISE

Raising	\$800,000
Instrument	SAFE Note (uncapped, MFN) · Delaware C-Corp planned
Min. cheque	\$10,000
Target close	Q3 2026
Runway	18 months to seed-ready
Next raise	\$3–4M Seed at month 18

USE OF FUNDS

Allocation	%	Detail
Hardware & Prototype	45%	COTS components; no custom tooling
Engineering & Talent	25%	Embedded systems and ML engineering hires
Testing & Compliance	20%	ITAR/EAR, CAA Article 16, GDPR/DPIA
Ops & Pilot Outreach	10%	LOI conversion, site threat assessments

ROADMAP

Phase	Timeline	Milestone
Prototype	Months 1–8	Working detect-classify-alert system bench-tested vs. drone threat profiles
Pilot LOI	Months 6–12	Signed LOI with data centre operator or CNI owner; insurance broker co-stakeholder formalised
Seed Ready	Month 18	\$3–4M seed raise; Innovate UK, DASA & NATO Innovation Fund in progress

THE FOUNDERS

Athena Tzouveleki — Founder & CEO. BEng Robotics & Mechatronics (Liverpool), MSc Renewable Energy Engineering (Aberdeen). Applied autonomous systems experience in ROS-based robotics design and multi-sensor fusion architectures. Leads DAURALIS's technical architecture and product strategy.

Anastasia Roka — Founder & CTO. BEng Architectural Engineering (Liverpool), MSc Offshore Engineering (Aberdeen). Systems design experience across multi-disciplinary physical infrastructure projects and UK/EU CNI compliance. Leads physical systems design and site integration.

WHAT WE'RE LOOKING FOR

A small number of aligned angels — ideally operators with data centre, CNI, or hard tech investment experience who bring more than capital. Introductions to data centre operators, CNI procurement leads, UK/EU defence networks, and insurance brokers in the critical infrastructure vertical are equally valued. Minimum cheque \$10k.

athena@dauralis.com · anastasia@dauralis.com · Liverpool, UK