



JELLYSPACE UG

PROPRIETARY & CONFIDENTIAL



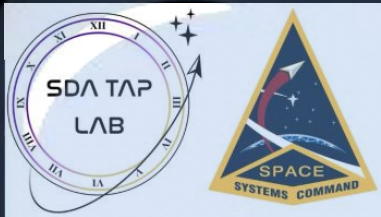
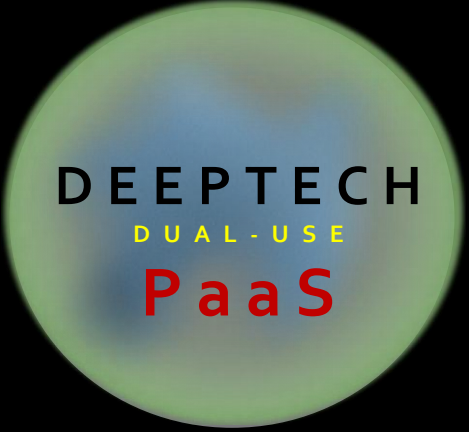
The autonomous control plane for **Aerospace & Defense** supply chains.

We turn trapped legacy aircraft-part records into compliant Digital Product Passports — then run the autonomous workflows that keep the whole chain moving.

Dual-Use Advanced Analytics • Supply Chains • MRO **Berlin, Germany**

OUR CREDENTIALS

JELLYSPACE is Berlin based Dual-use Deeptech Startup working in advance analytics & Supply-Chain domain



[link](#)



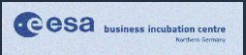
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Champion #1: JELLY SPACE

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THE PROBLEM

Sound parts get scrapped because the paperwork can't be produced.



30–60

boxes of printed & handwritten records per decommissioned aircraft — not digital, not standardized, not findable.



Up to ~90% of an aircraft is recoverable by weight, and ~70% reusable — yet value is destroyed when provenance can't be proven.



No provable history

Technically sound components can't be legally resold or recycled.



Regulation now forces it

EU ESPR makes machine-readable Digital Product Passports mandatory — no data, no market access.



Slow manual decisions

Across the wider chain, risk tools only describe problems late; humans react after the cost is incurred.

A regulatory deadline meets an undigitized market.

The ESPR forcing function

Digital Product Passports move from optional to mandatory across EU value chains. Every operator suddenly needs verified, machine-readable lifecycle data — on a fixed timeline they don't control.

The gap that creates

Total maintenance spend is large and growing, but the digital slice is tiny and compounding fast. That delta is the un-captured, regulation-driven wedge.



\$90.9B → \$121B

Global aircraft MRO market, 2024 → 2030 (4.75% CAGR)



~14% per year

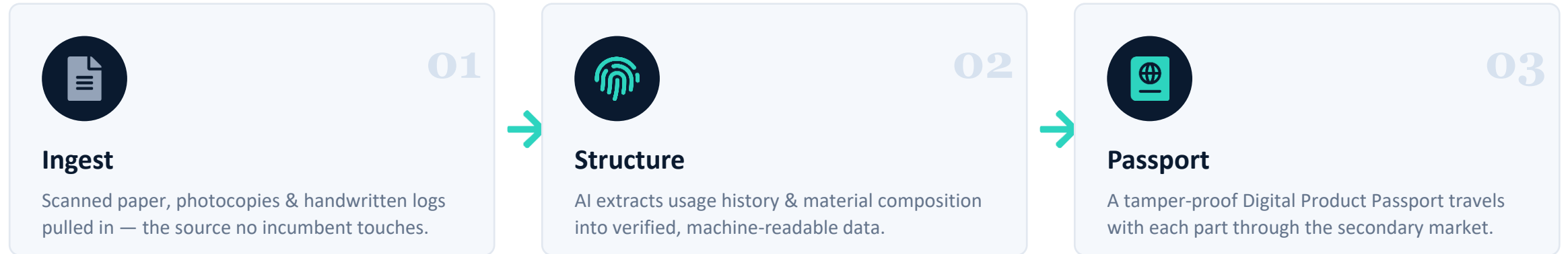
Digital MRO sub-segment growth — the fast-compounding slice



First mover on legacy-record ingestion: no incumbent digitizes the physical paper trail for the fragmented secondary market.

THE SOLUTION

One engine: from paper passport to autonomous action.



...then the same engine runs the platform.

Low-code, drag-and-drop workflows of reusable widgets, run by cooperating AI agents. It models supply-chain state and acts in real time.



Supplier fails → reroutes sourcing



Part short → reconfigures supply



Anomaly → intervenes first



Compliance gap → warns & logs

Why this is hard to copy.



Legacy-record ingestion

The defensible moat: turning physical paper into structured passports. Incumbents built for already-digital, large operators — not this.



Autonomous execution

We don't just analyze — we close the loop: detect → decide → execute → log. Most tools stop at the dashboard.



Deterministic + auditable core

A Rust engine with a versioned policy layer records the exact rule applied to every decision. AI assists but never blocks.



Selective DLT trust layer

Blockchain anchors only hashes — case, evidence, approval — with selectable providers. Not blockchain theater.

One passport, value for everyone who touches the part.



Brokers

Instant, auditable component history turns unsellable parts back into certified, tradable inventory.



Dismantlers

Material composition and dismantling guidance — recoverable value re-enters the loop instead of the graveyard.



Regulators

A cryptographically signed, machine-readable record that proves ESPR compliance on demand.



OEMs & MRO

Provenance and predictive insight across the lifecycle — fewer surprises, less aircraft-on-ground time.

Land on compliance. Expand into autonomy.



LAND

DPP compliance wedge

Enter through one regulation-driven workflow. The ESPR deadline forces adoption — budget is justified as compliance, not innovation.



EXPAND

Trust & transaction data

Each passport issued accumulates proprietary provenance data that makes the next workflow smarter and stickier.



SCALE

Full autonomous platform

Customers add sourcing, rerouting, export-control screening & predictive maintenance — moving to platform subscription.



Beachhead: European brokers, dismantlers & independent MRO operators — immediate pain, a known regulatory clock, and no existing solution.

Validated demand, real partners, working core.



60+

Customer interviews



Multiple

Letters of Intent



1st

Worldwide AI Hackathon



TRL 5-6

Core validated in relevant env.



NVIDIA Inception Member of NVIDIA's program for cutting-edge AI startups.

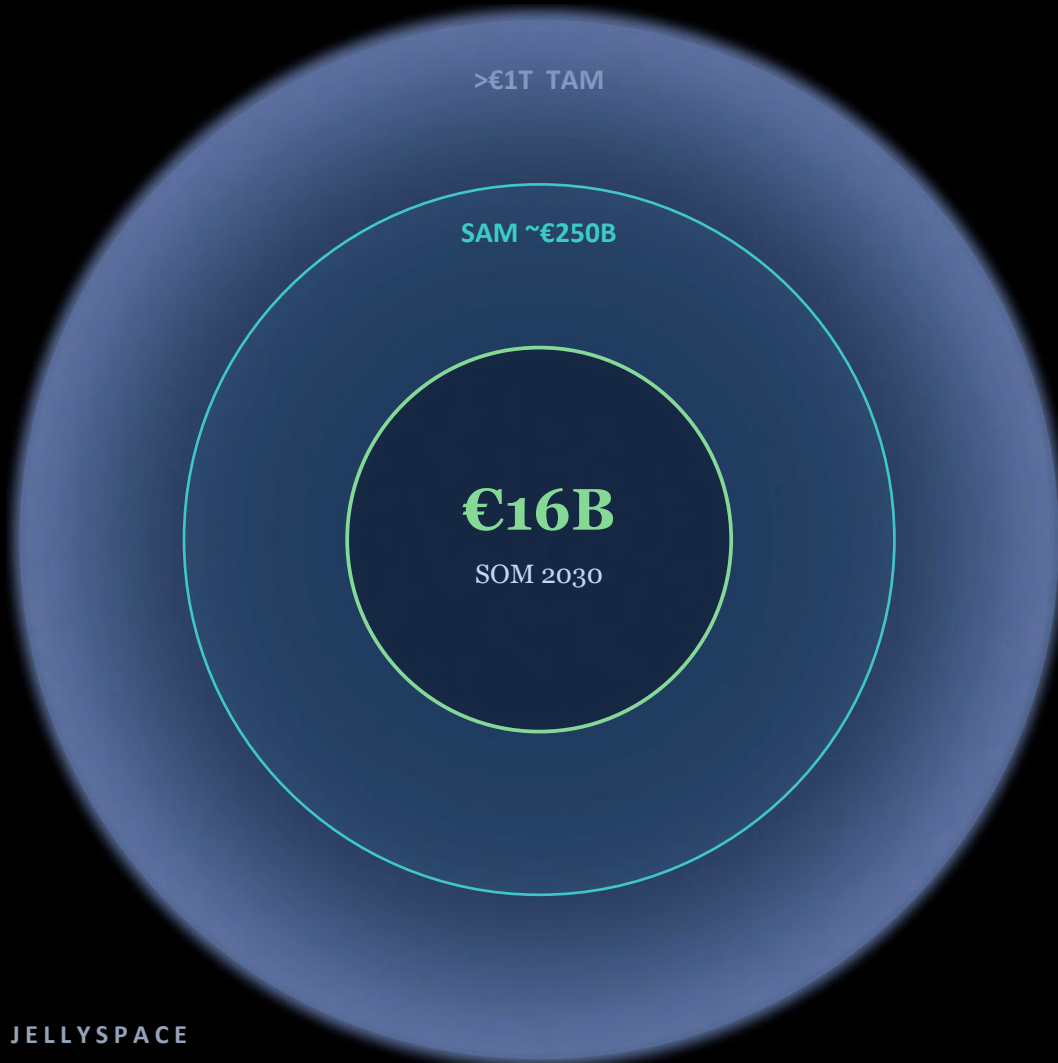


Lisk blockchain collaboration Secured DLT collaboration; a Hedera & Solana integration is in progress.



Aerospace & defense pipeline Partnership and onboarding discussions across European and defense aerospace.

A trillion-euro field; a 16-billion-euro target.



>€1 Trillion

TAM — global market across space, avionics, telecom & defense.

~€250 Billion

SAM — startups, SMEs & suppliers we can serve.

~€16 Billion

SOM — JELLYSPACE target by 2030.

Serves Tier-1 to Tier-4 across avionics, satellites, drones & non-terrestrial networks — plus non-space suppliers entering the sector.

Priced to the value event; built to expand.

B2B, land-and-expand



Entry: DPP pipeline

Priced per decommissioned aircraft, per passport issued, or per verification transaction.



Expand: platform subscription

Recurring fee that grows with active workflows and decisions executed.



Enterprise & defense

On-prem / air-gapped engagements delivered as scoped projects.

Pricing anchored to pain a customer already feels: an ITAR/EAR fine, an AOG hour, a scrapped serviceable part.

ARR trajectory (€)



NPS 58 → 67

Rising customer satisfaction

Churn 6% → 5%

Improving retention

€430K MRR

Projected Year-3 monthly recurring

TEAM

Deep-tech builders, defense & supply-chain veterans.



Ali Musab

Founder • CEO & CTO

- Entrepreneur & ML engineer
- Scaled [BICO](#) from early stage to unicorn
- 2× Red Dot award-winning products
- Global Space & AI competition winner



Philip Abraham

Co-Founder • CIO

- Architect of modern supply chains (GM, Walmart, Kmart, Domino's)
- AI, quantum & cybersecurity pioneer
- Deep-tech operator across critical sectors (NSA, CIA)



Nino Marcantonio

Aerospace & Defense Strategy Advisor

- Founder & CEO, Marcantonio Global — DoD advisor
- Ex-Deputy Director, OSD Policy (DTIP)
- Export, cyber & accreditation (ATO) support
- Supports NATO, Pentagon, NAVSEA, USSF, USAF, SSC as a technical scout

+ 5 developers

THE ASK

€1.5–2.0M

to drive the product from MVP to first paying European customers, fund user testing & AI training, and extend from compliance traceability into full autonomous orchestration.



~€180K+ bootstrapped by founders — product already at TRL 5–6 ahead of this round.

Ali Musab — Founder, CEO & CTO

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Make space technology accessible to all.

2026 Q3/Q4

MVP — Beta

>5 paying users; AI & blockchain integrated

2027 Q4

Commercialization

>20 paying users; advanced edge features

2030

Globalization

>€15M ARR; own 20% of the market