

A composite image featuring a satellite in the upper left and a jet fighter in the lower right, both set against a dark, starry space background. The satellite has two large solar panel arrays extended. The jet fighter is shown from a side profile, angled upwards. A bright, glowing blue energy beam or signal originates from the satellite and points towards the jet fighter.

**AFI LABS – WE DON'T
SELL A SPACECRAFT.
WE SELL 3 UNICORNS IN 1**

\$4M TODAY → \$72M IN 3 YEARS → \$30B IN 10 YEARS — 2026

Three industries bleed **\$170B** every year for the same physics.

\$100B

DATA CENTERS • COOLING

They need memory at -195°C , not at 10mK

Quantum labs burn \$100M on helium at 0.01 Kelvin. Hyperscalers need that stability in liquid nitrogen.

\$20B

MINING • BLIND DRILLING

Losing \$20B drilling ghosts

200kg gravimeters that can't see past 50m. Every dry hole costs \$2M. Durango alone drills 4,000 holes/yr.

\$50B

DEFENSE • FAKE STEALTH

Stealth that only diffracts 10%

\$50B spent on coatings that still glow on radar and IR. Satellites need 40% radar + 60% IR reduction.

Same base tech solves all three: 12-spin matrix at -195°C . One development, three checks.

• ONE BRICK — SAME PHYSICS

3 products. 1 tech core. 12-spin matrix at -195°C.

We stopped chasing the impossible spacecraft. We packaged its cheapest subsystems as standalone unicorns. Each is already sellable before the 140m craft flies.

Tagline: One development, three checks. Hardware + annual license + data.

Q

Q-Memory — Safe Money

Quantum memory module working at -195°C instead of 10mK — 40% energy saving

\$500k
+ \$200k/yr

L

Lazarillo — Fast Money

8.2kg gravimeter, 0.03 mGal at 500m — Drone-mounted vs 200kg legacy

\$250k
60 units Y4

E

Exo-Skin — Big Money

1.2×1.2m panel — -40% radar, -60% IR — 20 panels = one satellite

\$500k
per panel

— PRODUCT 1 — SAFE MONEY • 85% MARGIN

Q-Memory -195°C Quantum Memory

Quantum memory module that works at -195°C instead of 10mK. No dilution fridge, no \$15k/month helium. Same coherence, 100x cheaper to operate.

\$2M

Saved per data center per
year — 40% helium + energy

\$4M

ARR Year 3 — 8 customers ×
\$500k module

\$4B

TAM — 1,000 DCs in LATAM +
USA

\$500k per module

\$200k /yr license

Margin 85%



• PRODUCT 2 — FAST MONEY • \$250K PER UNIT

Lazarillo

8.2kg that sees gold at 500m

Gravitational anomaly sensor — 0.03 mGal sensitivity at 500m depth. Drone-mounted quantum gravimeter that replaces truck labs.

LEGACY

200kg

\$300k + \$2M per dry hole

OURS — LAZARILLO

8.2kg, 490mm

\$250k, fits DJI M600

\$600M **60×** **\$250k** **70%**

SAM Mexico alone

Year 4 = \$15M revenue

Gross margin

First customers: **Peñoles** / **Grupo México** / **Fresnillo** — All in Durango. 2024 Law requires non-invasive prospecting.





FUSELAGE LAYER
1.2×1.2m Panel

EFFECT
-40% Radar / -60% IR

• PRODUCT 3 — BIG MONEY

Exo-Skin — the panel that disappears.

Boro-graphene metamaterial. 20 panels cloak a Starlink-class satellite. One contract funds the spacecraft.

\$500k

per panel
20 panels = \$10M per satellite

80%

gross margin
hardware + field re-coat license

\$50B

TAM defense + space
cloaking + thermal

\$20M

Year 5: 1 contract
Mexican Army / Airbus / SpaceX

This product alone pays for the spacecraft

Customers: Mexican Army, Airbus Defence, Starlink Shield — panel is
ITAR-free, CVD-curved, 1.20m.

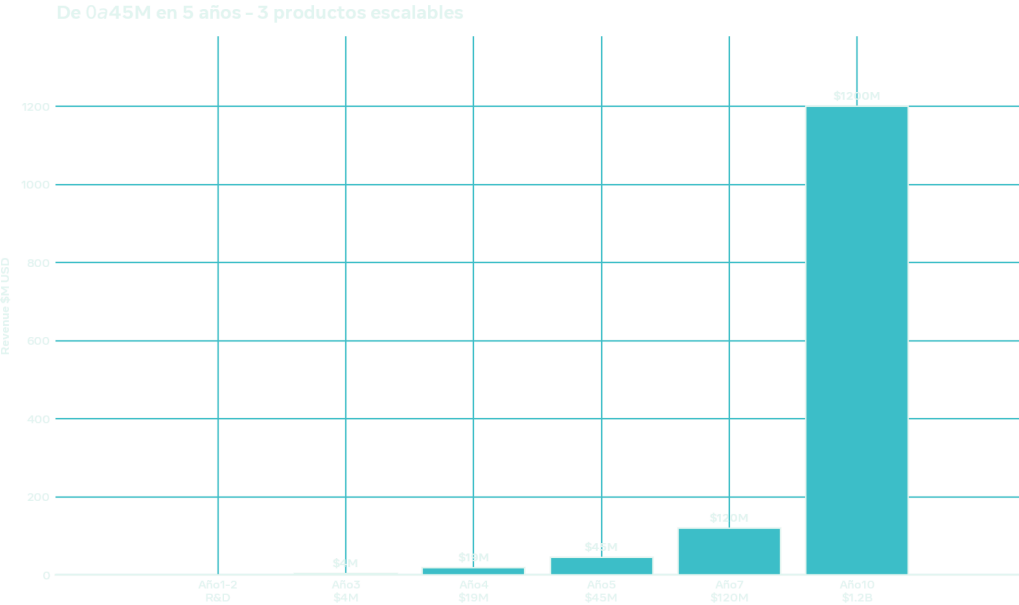
How we make money:

\$0 → \$45M → \$1.2B

HARDWARE + ANNUAL LICENSE + DATA • 70-85% MARGINS

Stepped Revenue — 3 Products Scaling

YEAR 5: \$45M • 2.1% SAM



Model: Hardware + \$200k/yr License + Prospecting Data

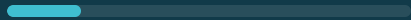
Q-Memory = razor/blade, Lazarillo = unit + maps, Exo-Skin = \$10M per satellite (20 panels)

Y1-2



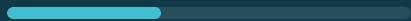
\$0 R&D
Validate 2 qubits

Y3



\$4M ARR
8 data centers × Q-Memory

Y4



\$19M
\$4M Q + \$15M Lazarillo (60 units)

Y5



\$45M
\$10M + \$15M + \$20M Exo-Skin

Y7-10



\$120M → \$1.2B
Intl scaling + Gov Q-Core licensing

A \$54.6B TAM where we start with 2.1% — and that's enough.

\$54.6B

TOTAL TAM

Data \$4B + Mining \$0.6B + Defense \$50B

\$2.1B

5-YEAR SAM

Mexico + USA + EU defense reachable

\$45M

YEAR 5 SOM

2.1% of SAM — low penetration, proven pricing

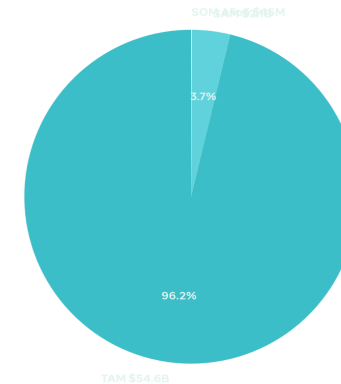
**25×
cheaper**

IBM Quantum: 10mK, \$100M per lab, \$15k/mo helium.

AFI Q-Memory: -195°C, \$4M stack, liquid nitrogen. Same stability, 100× cheaper ops. Patent blocks 20 years if first.

● Quantum memory 32% CAGR ● Smart mining 18% CAGR ● Stealth panels 12% CAGR

TAM SAM SOM - Mercado \$54.6 Billones



TAM SAM SOM — CONCENTRIC DOMINANCE, NOT MARKET SHARE FANTASY

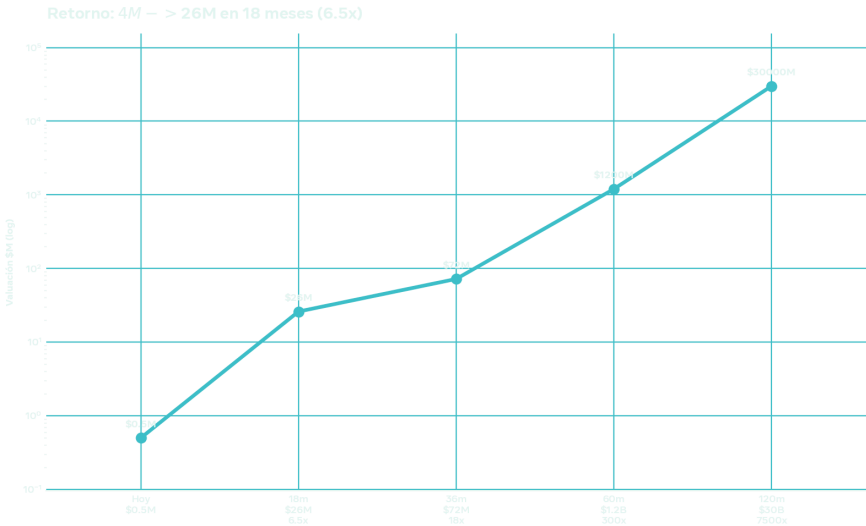
From \$4M to \$72M in 36 months. Then \$30B.

TODAY	AFI-01 Blueprints + Founding Team Complete system architecture, Q-Core lab specs, 3 provisional patents drafted	\$0.5M Pre
12 MONTHS	2 Stable Qubits + 3 Patents + 200m² Lab With \$4M: Zurich HDAWG, Bluefors LD250, Boron-graphene 1.2m validation	\$26M 6.5× return
36 MONTHS	500m² Q-Core + 64 Qubits + 8 Q-Memory Customers Series A \$24M → \$4M ARR + Lazarillo field tests	\$72M 18× total
60 / 120M	1.2m Panel + RCATT + 60 Lazarillos → 140m Craft 5% Weight Red. \$120M → \$1.2B → \$30B — 1,250×, Gov licensing of Q-Core	\$30B 7,500×

Every dollar multiplies 6.5× in 18 months. \$13.5M in tangible assets if we fail.

RETURN TRAJECTORY — LOG SCALE VALUATION

18M = \$26M



6.5×
18 months
SAFE 20% Disc

18×
36 months
\$72M post

300×
7 years
\$1.2B

Why now: 24-month window

First to file 12-spin matrix at -195°C blocks the field for 20 years. Tailwinds make it affordable today.

\$

Bluefors down 40% + He scarcity

LD250 \$1.1M $\rightarrow$ \$650k. Our -195°C uses nitrogen, not helium. Ops 100 $\times$ cheaper than 10mK.

\$2M SAVED PER DATA CENTER / YR

MX

Mexico nearshoring + 30% R&D credit

SAPI innovation regime in Durango. FAB lab, 500kW substation, Faraday cage co-funded.

GOV SUPPORT + DESERT TEST SITE

\$

2024 Mining Law makes Lazarillo mandatory

Non-invasive prospecting required before drilling. 8kg drone gravimeter = compliance tool.

PEÑOLES / FRESNILLO READY TO BUY

THE WINDOW — PATENT MOAT

24 MONTHS

In 24 months someone builds matrix at -195°C . If we file first, we block boron-graphene 1.2m curve + spin bus.

- 3 provisionals now = 20-year lock on Q-Memory / Lazarillo / Exo-Skin core
- After that: pay royalties forever, not collect them

Miss it = licensee. Make it = licensor.

FILE NOW $\rightarrow$

Those who already did impossible

4-YEAR VESTING • FOUNDERS + CORE • DURANGO + GLOBAL

JL

Jorge Luis Contreras Gracia

AFI-01 SYSTEM ARCHITECT

Visionary. Saw the full 140m spacecraft as end-to-end system. 4-layer Higgs hull, Q-9 math core, SMEGG.

Founder • Vision + System

QP

Quantum Physicist — ex-CERN

12-NODE SPIN MATRIX

20 qubit papers, topological correction. Builds determinist 12-spin bus at -195°C — 100x cheaper than IBM 10mK.

Q-Core • 4096 Qubits Goal

CE

Cryogenics Eng — ex-IBM Quantum

-195°C PLATFORM

10 yrs Bluefors dilution fridges. Owns LD250 / XLD400, liquefier L280. Makes helium cost zero.

10yr Bluefors • LD250

MS

Materials PhD — Boron-Graphene

4-LAYER HULL • EXO-SKIN

CVD curved 1.20m boro-graphene, 0.5m Higgs cage, Niobium-Titanium SRF. Panel = 40% radar cut.

Fuselage 2.5m • Patent 1

AE

Aerospace Eng — ex-SpaceX

RCATT + SMEGG + LAZARILLO

Plasma thruster array, vectoring $<1\text{ms}$. Built 6.5 BAR pneumatic launcher, 8.2kg grav probe.

Propulsion + Probe

AD

Advisors Network

DEFENSE • MINING • FUSION

Commonwealth Fusion (RCATT), Peñoles / Grupo México (Lazarillo trials), Tec de Monterrey (fab lab).

Trials + Grant + ITAR-free path

THE ASK — PRE-SEED

You don't invest in a spacecraft. You invest in 3 products that pay for it.

RAISING NOW

\$4M SAFE

20% discount, \$22M cap
40% Talent • 35% Bluefors LD250
15% Patents • 10% Ops

DELIVERABLE — 18 MONTHS

\$26M Valuation

2-qubit stable @ -195°C
3 provisional patents filed
200m² lab live in Durango

6.5× in 18mo \$4M → \$26M **18×** in 36mo → \$72M + \$4M ARR **300×** in 7yr → \$1.2B **Series A \$20M** with \$4M ARR Q-Memory

The spacecraft is the bonus. Profit is certain. One development, three checks. Hardware
+ license + data. \$72M in 3 years, \$30B in 10 years.

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