Spacedock

From Connection to Cognition: The Interface for Intelligent Space Operations.

Our AI-powered interfaces enable seamless power, data, and fluid transfer—already in deployment with next-generation orbital stations and satellites and last mile logistics vehicles.

ROUND: SEED | $6M SAFE | $24M POST

Meet experts: 12 engineers (including founders) with decades in aerospace.

Negar Feher
CEO

Scaled Momentus as VP of BD from Seed to Exiting as a Unicorn in less than 4 years.

MOMENTUS   MAXAR   Stanford University

Gustavo Litvin
COO

Led Production at SpaceX, overseeing high-volume manufacturing operations enabling efficient and scalable rocket component production.
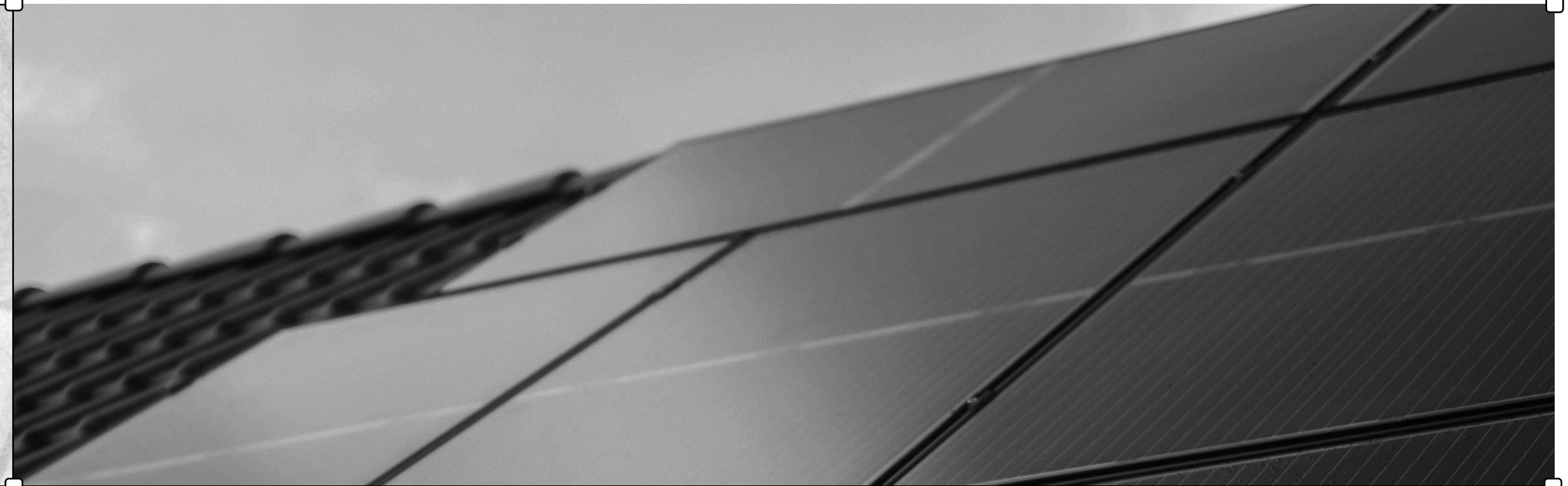
SPACEX   UC SANTA BARBARA

Alicia Kavelaars, PhD
CTO

Co-founder and CTO at OffWorld, patented technologies at OffWorld and Maxar

OFFWORLD   MAXAR   Stanford University   gmv

THE PROBLEM...

Outdated Hardware Mindset

Space used to cost **$100k/kg**, so everything was custom-built. Even now, with launch **200× cheaper** ($500/kg), systems are still built like it's 1999.

...STILL EXISTS.

Proprietary Lock-In Is the Default

Major players push proprietary, **single-vendor hardware.** Every robotic arm, solar array or truss connects paid payload with custom screws and flying wires — and only works with their systems or limited proprietary connectors.

The current growth in space players and use cases **requires new tech to interconnect.** The space economy has been democratized and new exciting use cases are currently under development such as:

- data centers

- space solar power

- space manufacturing

- space bio pharma

How did it play out over time?

STAGNATION

Pre-SpaceX era: high launch cost, low activity

DISRUPTION

SpaceX brings 200× drop in launch cost

NOW

Rapid growth in satellites, platforms, and commercial activity

NEXT

In-space servicing, stations, manufacturing and data centers

There are exisiting problems with the lack of modularity & interoperability in Space

01   SATELLITES ARE NOT BUILT FOR REFUELING

Satellites are very specific to orbiting around a celestial body. Our use cases are much broader than just satellites: Spacecraft, OTVs, Commercial Space Stations, Lunar Architectures...

02   NO STANDARDS FOR DATA, POWER & FLUID CONNECTIVITY IN SPACE

What SpaceX did for re-usable rockets, **we can do for spacecraft** by enabling them to connect and be re-usable with universal ports that we call spacedocks.

There are exisiting problems with the lack of modularity & interoperability in Space

03   MISSING BUILDING BLOCK IN A RAPIDLY EXPANDING SPACE ECONOMY

There's no plug-and-play interconnector available to the broader space market, while there are a lot of **new ventures planning to build large-scale infrastructure** like constellations, space stations, data centers, solar power systems, and lunar bases.

04   CUSTOM INTERFACES ARE BLOCKING SCALABILITY

Custom interfaces that are **manually connected on Earth** cause delays and prevent interoperability. No updates, no evolving of space systems — just early lock-in that blocks scale and risks the entire ecosystem to stagnate.

Space today resembles the closed, monolithic systems of the IBM mainframe era. Our vision is to bring modularity and interoperability to this fragmented ecosystem.

Just as USB-C unified connectivity on Earth, space needs its universal interface. Without this modular standard, scaling space infrastructure is impossible. Incumbents control custom interfaces, limiting market growth unless they remain central

WHY THIS BLOCKS SCALING?

- Vendor lock-in restricts competition

- No interoperability between systems

- Limits mission extension and reconfiguration

SpaceDock enables autonomous robotic connections in orbit, transferring power, data, and fluids — all monitored by Edge AI models that handle predictive maintenance, cybersecurity, and optimization.

BUILT FOR SCALE AND LONGEVITY

This approach solves two key challenges: enabling modular, scalable connectivity and ensuring sustained operations and longer mission —maximizing the return on billions already invested in orbit.

SIMPLICITY BY DESIGN

With an identical, dual-sided design on both ends, SpaceDock removes adapter needs and enables simple, reconfigurable connections — just like USB-C for satellites to dock with each other.
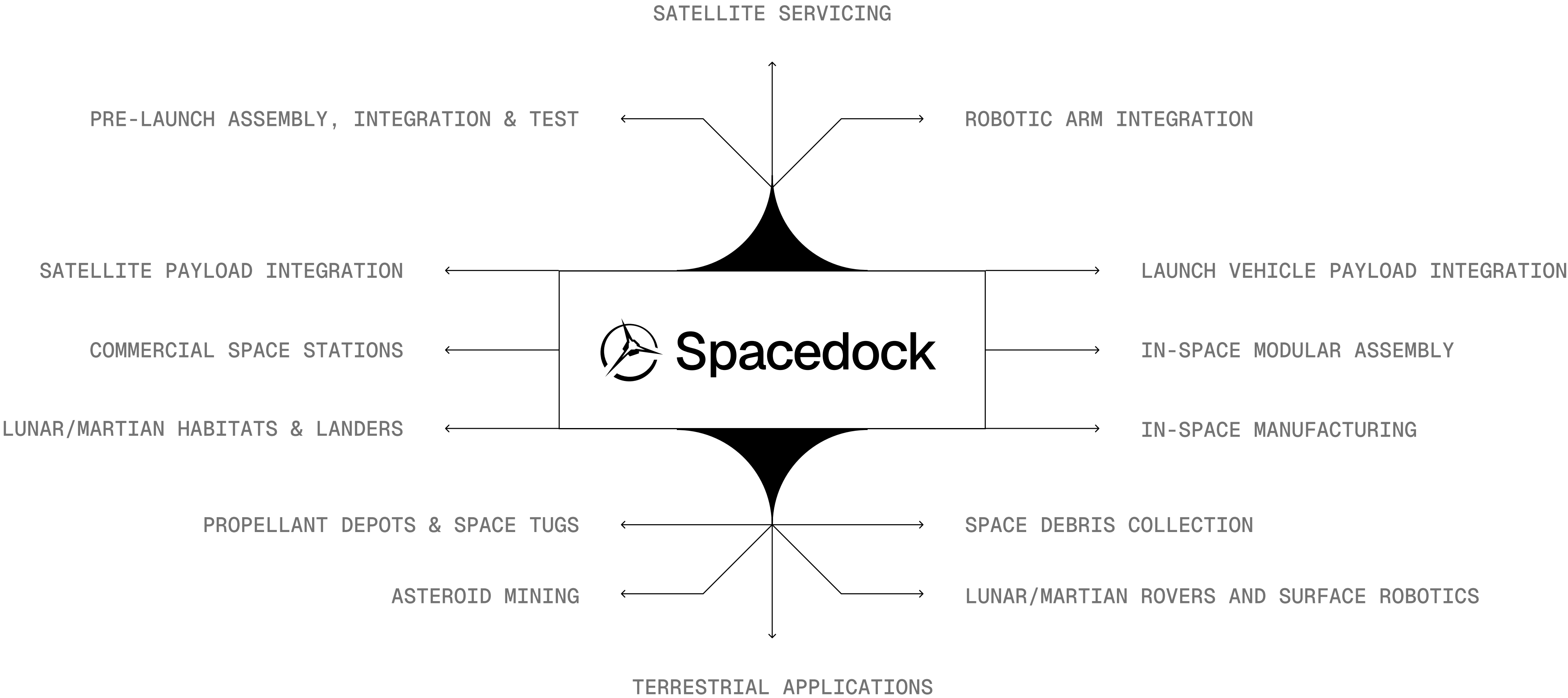
OPEN BY DEFAULT

It doesn't dictate standards for data, power, or fluid types — significantly lowering the adoption barrier and giving customers the flexibility and freedom to innovate within a truly open and modular system.

+1,200
COMPANIES IN
THE PIPELINE.

+1000
UNITS FROM OUR
LOI CUSTOMERS.

$19m
IN SIGNED LOIS.

+175y
OF COMBINED SPACE
INDUSTRY EXPERIENCE.

IMPULSE   QUANTUM SPACE   GRAVITICS   hubble NETWORK   Starcloud   SPACEIUM   AXIOM SPACE

— PARTNERS —

AEROSPACE   TEES | Texas A&M Engineering Experiment Station   OLIGO

SATELLITE SERVICING

PRE-LAUNCH ASSEMBLY, INTEGRATION & TEST

ROBOTIC ARM INTEGRATION

SATELLITE PAYLOAD INTEGRATION

LAUNCH VEHICLE PAYLOAD INTEGRATION

COMMERCIAL SPACE STATIONS

IN-SPACE MODULAR ASSEMBLY

LUNAR/MARTIAN HABITATS & LANDERS

IN-SPACE MANUFACTURING

Spacedock

PROPELLANT DEPOTS & SPACE TUGS

SPACE DEBRIS COLLECTION

ASTEROID MINING

LUNAR/MARTIAN ROVERS AND SURFACE ROBOTICS

TERRESTRIAL APPLICATIONS

How did you win these customers
— and how will you scale?

Current Traction: deep tech relationships via government proposals, platform integrators, and spacecraft partners.

Partner-first strategy: sell via spacecraft builders, robotics labs, and platform integrators.

The Future: become the de-facto standard, Space Force/NASA integration, and dual-use channels.

We're not targeting the full $1T market at once —
we begin with high-value modular use cases
where adoption is already underway.

TAM — ALL MODULAR INFRASTRUCTURE APPLICATIONS IN SPACE

SAM — REFUELING, STATION INTERCONNECTS, CONSTELLATION PAYLOAD SERVICING

SOM — $100M WEDGE FROM LEO/GEO CUSTOMERS NEEDING MODULARITY

Cumulative revenue of $125M
over the next 3 years

GLOBAL SPACE ECONOMY
$596B

SOM
$19B

GLOBAL SPACE ECONOMY
$1.7T

SOM
$55B

Orbit Fab and Northrop Grumman rely on one-sided, proprietary connectors that lock customers into closed ecosystems and dictate commodity standards. This limits flexibility and slows market adoption.

SpaceDock offers a fully interoperable, dual-sided interface—customizable for power, data, and fluid —enabling true modularity without vendor lock-in.

OPEN

Spacedock

HARDWARE ONLY

SOFTWARE ONLY

ORBITFAB

NORTHROP GRUMMAN

PROPRIETARY
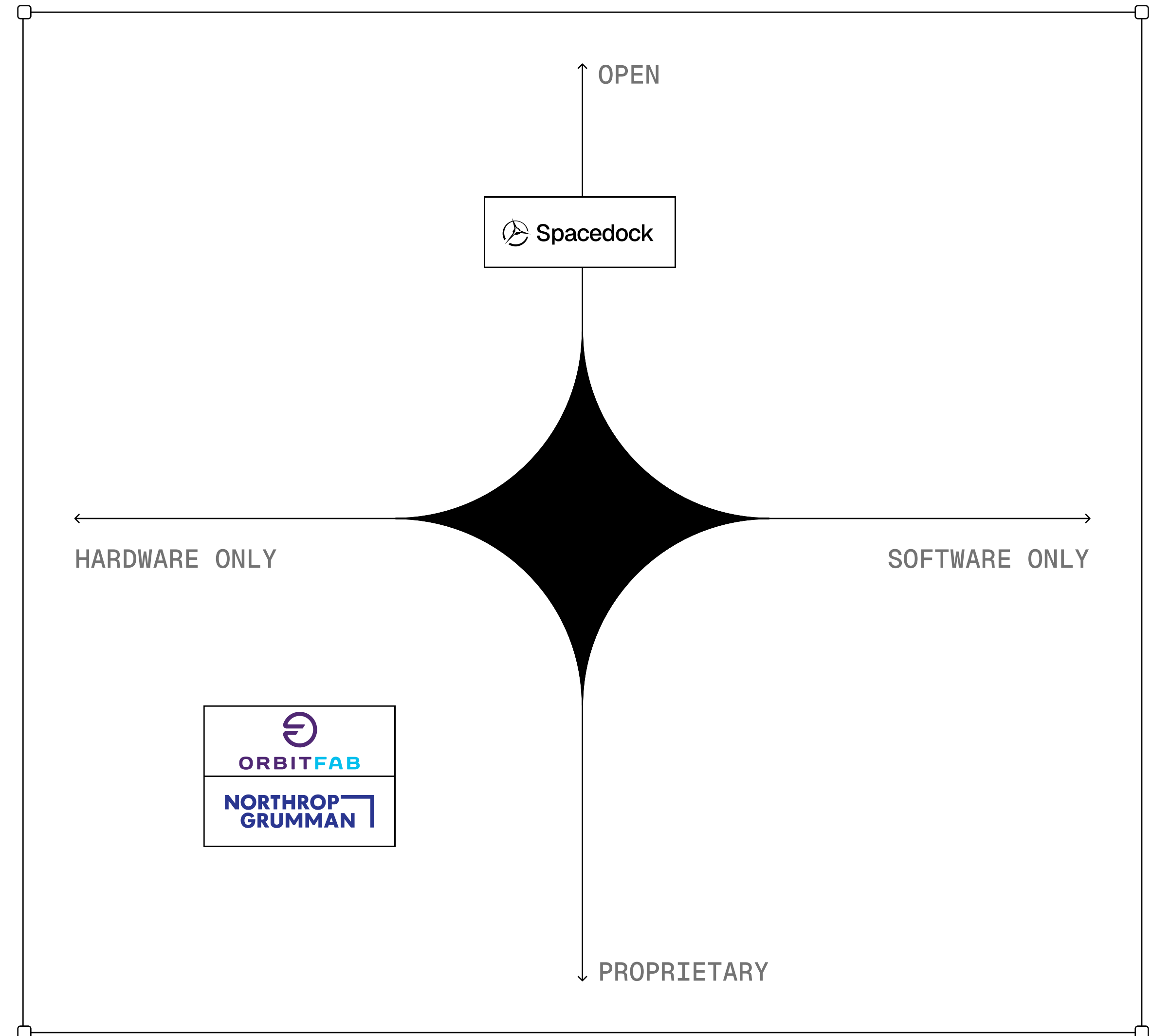
$6M Seed, SAFE Note
$24M Post Money Valuation

USE OF FUNDS

HIRING

Engineering (Robotics/AI software, FPGA/Network Engineering, Space Qualification Test Engineering, Product/Manufacturing Engineering/ Dynamics Simulation).

PRODUCT

Complete TRL 7–9 through on-orbit demonstration, Obtain AS9100 certification to prepare for product growth phase.

BUSINESS

Convert $19M LOIs to revenue.

INVESTORS

Alan Rutledge [Invested in 21 unicorns]

Blue Pacific Fund

Reka Capital

Space Infrastructure Ventures

Use of the Funds

01	Hire key engineering talent
02	Fly orbital demo mission (Q1 2026, Falcon 9 with OligoSpace)
03	Convert $19M in LOIs to binding contracts

The Future SpaceDock Is Building

Imagine space where everything just connects. Where satellites plug in like USB devices. Where spacecraft evolve, refuel, and repair — autonomously. We're laying the foundation for this shift: a universal, modular interface for power, data, and fluid transfer — powered by AI and built for scale.

A FUTURE WHERE

— Any payload can dock with any platform—seamlessly and securely.

— Defense systems are hardened against cyber threats, protecting critical national infrastructure.

— Orbital assets last for decades or centuries, not just a single mission, with autonomous upgrades and minimal human intervention.