

SEED ROUND

2026



**THE FUTURE OF AI-ENABLED  
AIR DOMINANCE, DELIVERED**  
(IN REVENUE)

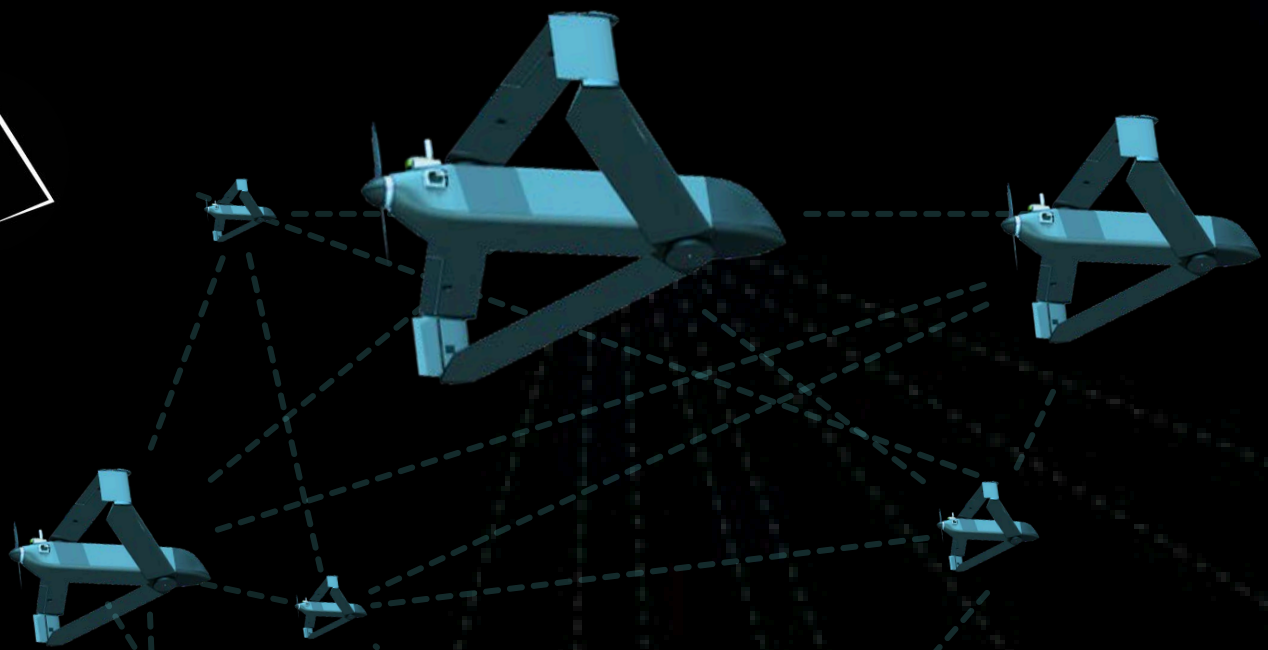
INFO@CI-PHER.TECH

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PROPRIETARY - CIPHER TECH, INC.







# AX-50 UAS & MISSION STACK

## THE NERVOUS SYSTEM FOR SCALABLE AI AIR DOMINANCE

- 80% LESS MANUFACTURING TOUCH TIME & TOOLING
- 90% LOWER COST PER ASSET
- 10x FASTER ASSET-TO-AI DATA FLOW
- 20x MORE MISSION COVERAGE

SOLUTIONS





# TRACTION

## \$2M+ Revenue Contracts

- UAS Contract MFG
- UAS Development
- Test & Integration
- Black Programs



## Validated Manufacturing

- Thousands Group 2 & 3 UAS Subassy Delivered
- Prelim QMS Validated by USAF & DoW



## INDOPACOM

S&T Advisor & UAS SME

"CI-PHER provides the services-oriented, warfighter-centric, comprehensive Mission Operations Management framework of capabilities needed for efficient, precise, successful operation in a most efficient way, advancing asymmetric advantage at any scale, in all segments of military operations. "

## DoW Test & Eval

- TRL-6: MLT-10, TACNODE, GUI w/ CENTCOM/DIU/Army
- JVAB Penetration Test



## Key Program Selections

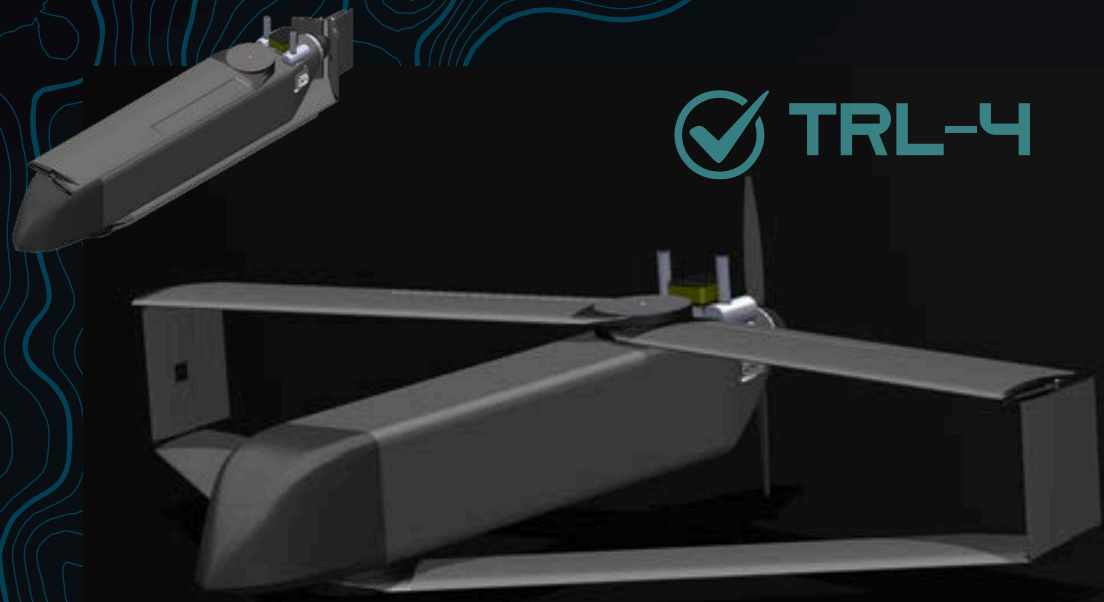
- DIU/INDOPACOM Blue Asset Management
- Fuse Defense X Accelerator Alumni



SEED ROUND

# UAS PRODUCT

We win by pairing low-cost, mass-producible Group 2 & 3 aircraft w/ edge communications and a command stack that turns sorties into AI-ready mission truth.



## AX-50-CE

Collapsible, Low-Cost, Mass-Manufacturable Group 3 UAS

- 175lb, 700 Mile range, 50lb Payload, ~\$50K per Unit
- OSW Critical Design Review Completed Nov 2025
- DoW Support: Airspace/ Testing
- Key Structures & Systems Validated
- Utility Patent Submitted
- Payload Integration Path Completed

## AX-50-VTOL

Mass-Manufacturable, Low-Cost, VTOL Group 3 UAS

- 185lb, 500 Mile range, 50lb Payload, ~\$85K per Unit
- JSOC/AFWERX Critical Design Review Completed '24 for D2P2 SBIR w/ AFWERX
- Design Ready to progress to Fabrication & Test

## MLT-10 TRL-6

Collapsible, Low-Cost, Mass-Manufacturable Group 2 UAS

- 3 Months: Concept to Full DoW Airworthiness Approval
- TRL-6 Validated (CENTCOM/DIU)
- Passed Formal DoW Worthiness Assessment (all metrics)
- Co-developed with Strategic Partner (IP & Manufacturing Carve-Outs)

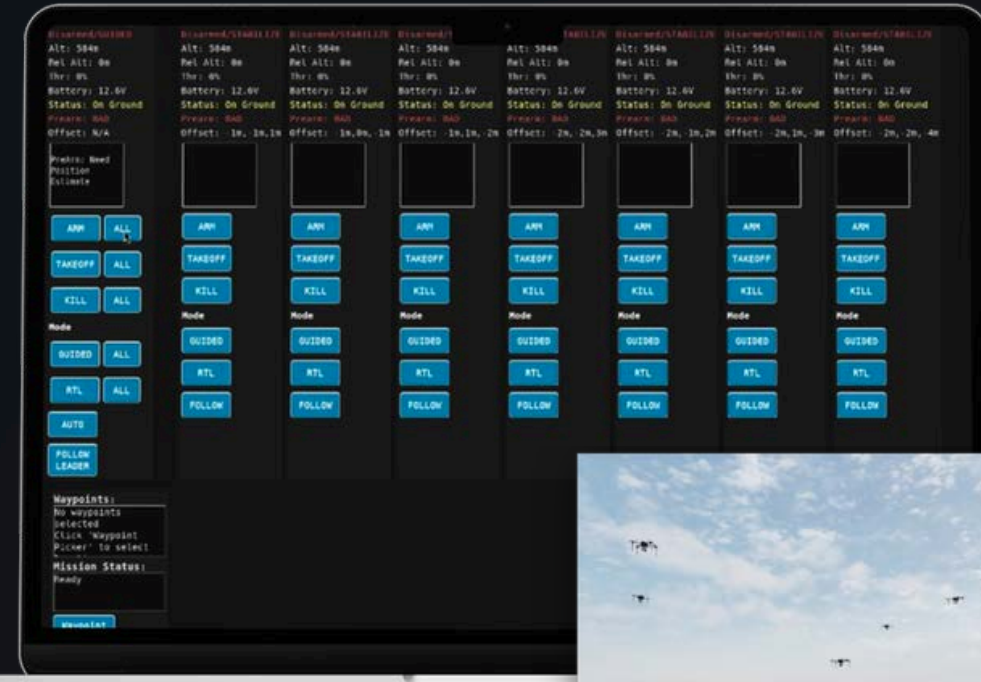
# PRODUCT STACK

Next-Gen swarm Ops and Explosive AI Data Generation W/ Decentralized Command & Communications Stack

TRL-6



TRL-4



TRL-6



## ALCHEMIS

Adaptive, AI-driven network and asset orchestration

- >100 node tracking, Peer-Peer Messaging, Data Export, Network Health Status, and Planning
- TRL-6: CENTCOM/DIU/ARMY (v1)
- v2 + Network planning automation, mission planning, auto database export, tools for mission workflow automation

## ALCHEMIS REIGN

UAS Swarm Control for Decentralized UAS Clusters

- Multi-aircraft control with advanced swarm logic
- Supports individual, group, and leader-assigned tasking
- Proof of concept deployed within ALCHEMIS as a custom GUI. Can be adapted for standalone swarm C2.

## TACNODE

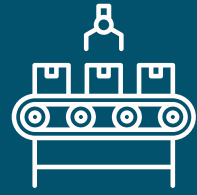
Asset Mesh Node for Mission Digitization and AI Data Gen

- 1.5lb, 5-10km range, 3-6 Month Life, ~\$1K per Unit
- TRL-6: CENTCOM/DIU/ARMY (v1)
- v2 NDAA Compliant
- v3 +TCP/IP, SIGINT/EW, Edge Proc.
- Assessed by Joint Vulnerability Assessment Branch (JVAB): A+

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# WHY WE WIN

Validated Innovation. Scalable Production. Built to Turn Core Products into Growth Engines.



**VALIDATED PRODUCTION ENGINE**

200+ UNIT PER MONTH PRODUCTION CAPACITY



**VALIDATED ENGINEERING ENGINE**

RAPID DEV SKUNKWORKS TEAM



**DOMAIN SME PERSPECTIVE**

40+ PRODUCTS DELIVERED

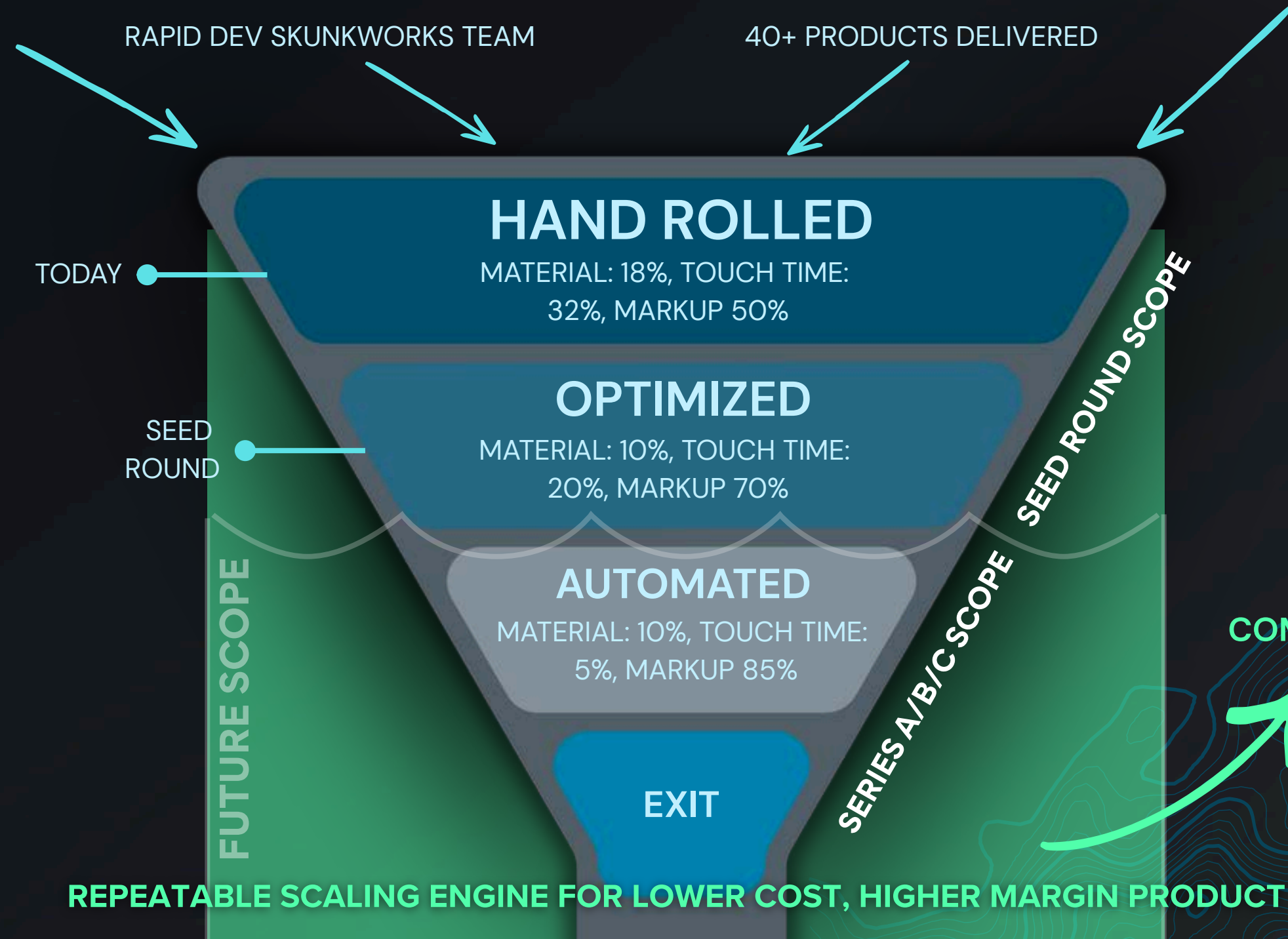


**FIRST HAND PROBLEM EXPOSURE**

SOCOM UAS, C2, AND

## DELL MODEL PUT TO PRACTICE

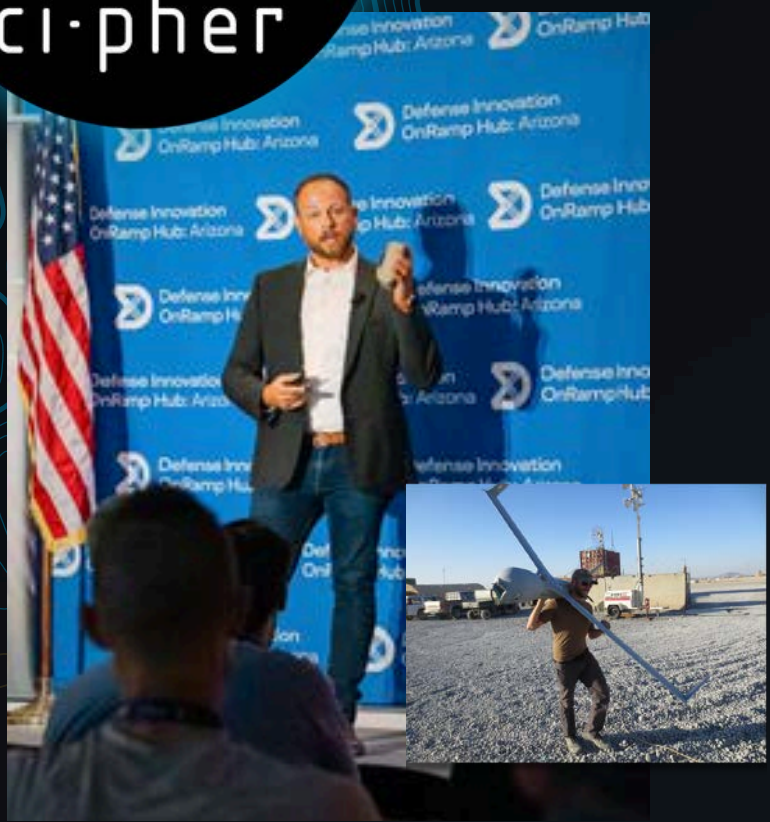
1. Scale through contract manufacturing
2. Sell direct
3. Win on cost
4. Iterate faster



SEED ROUND



# OUR TEAM



## Ryan Cross

FOUNDER, CEO/CTO

- **Honeywell** Product Manager (>\$100M AUM, Product Revenue +\$500M/yr)
- **Paul Allen (MS) Tech Innovator** - AI Enabled Drones (ACQ Boeing)
- **Combat Aviator** - SOCOM & USAF
- **ACADEMI (Blackwater)** SOCOM CTR
- **Product:** UAS, UAM, Weapons, AI/ML, Vision Systems, Manned Spacecraft, Commercial Aircraft, Military Aircraft, Black Projects, High-Volume Production



## Owen Unbehaun

CO-FOUNDER, CSO

- **Special Operations Combat Controller** – USAF/ANG (20 yrs)
- **Defense Ventures Fellow** – Decisive Point
- **Tech Scout & DoD Innovation Integrator** – NSIN, SBIR, DIU OnRamp
- **Lead Mentor** – NATO DIANA
- **Product:** Emerging Tech Integration, Comms, Cyber, Energy, Field Innovation, Mission Acceleration



## Rick Wintch

- 34 yrs product design & manufacturing
- F35 Production Robotics
- Ex-Paul Allen innovator



## Dan Nalley

- DoD Black Projects
- UAS & Mission system development & Test
- Ex-Paul Allen innovator



## Conrad Harley

- >12Y Electrical Eng & FW Dev
- STM32 SME, Avionics, Aircraft Systems
- Former Boeing/Insitu
- Former Navy



## Kyle Weiss

- Advanced autonomy, UAS Development, Black Projects, UI Design



## Andy Weiss

- Production Engineering, Additive Manufacturing, Test Engineering



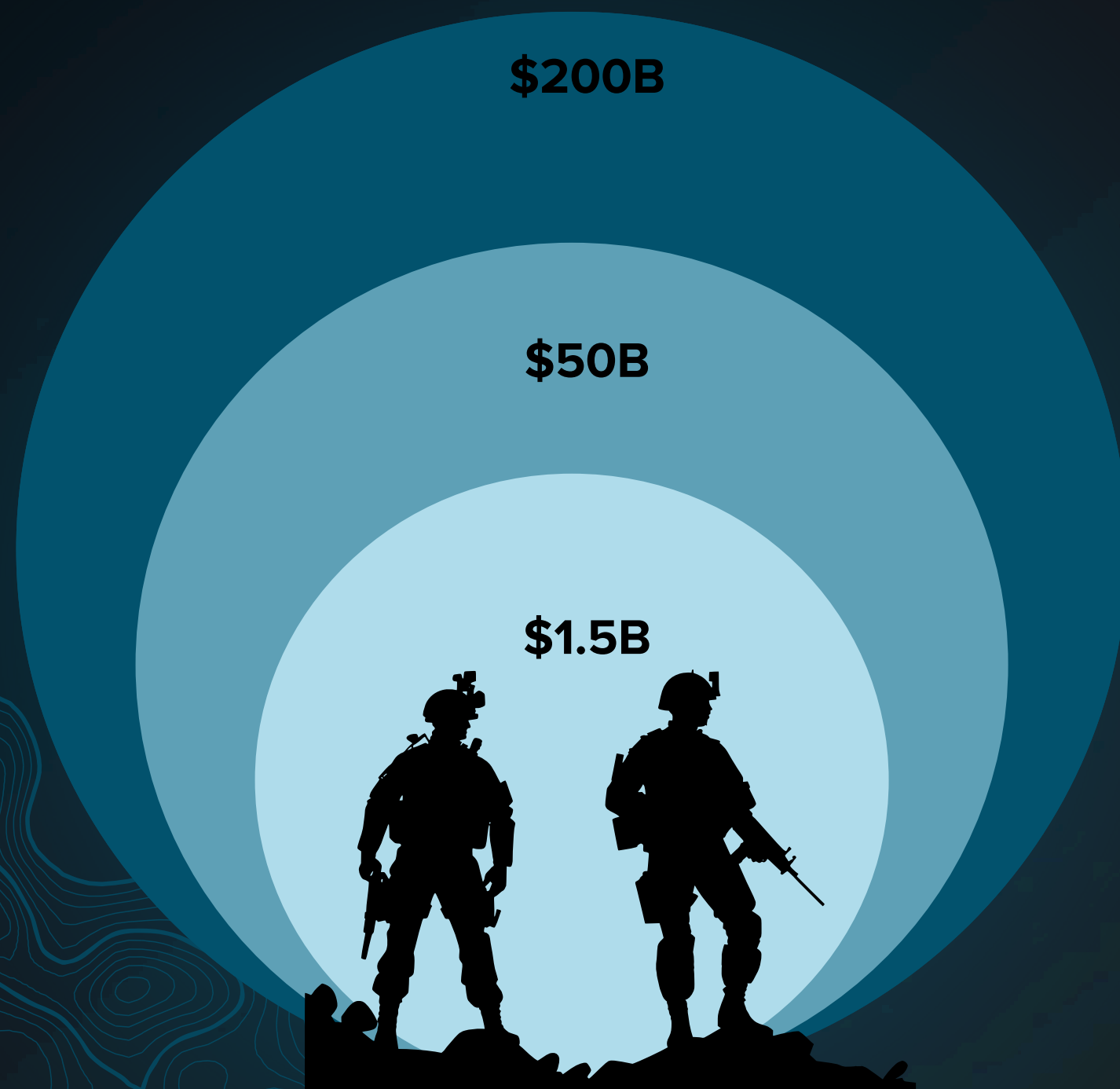
## Darian Harmon

- Advanced dev engineer (Applications & Modeling)
- Media production & special effects



# MARKET SIZE

PRELIMINARY: DEFENSE



BEACHHEAD: Attributable Group 2 and Group 3 Unmanned Aerial Systems (UAS), Logistics Management Programs, and Expeditionary Communications.

## TAM: \$200B

*Global allied spend on UAS, autonomy, C2, robotic warfare*

## SAM: \$50B

*US + Five Eyes + NATO tactical-edge AI budgets*

## SOM: \$1.5B

*4% share of SAM over 5 years through a number of major programs plus follow-on export and integration deals.*



# LANDSCAPE

Low Unit Cost  
(Payload Lb / Range Price)



RED CAT

AVS

- Tool-less Composites MFG Method
- Cost-Per-Payload LB/HR Advantage
- Infrastructure-Free Communications
- Mission-Data Normalization + Export
- Validated Production Throughput

## Hard to Scale

- Artisanal & Tooled
- Linear Production Scaling
- Logistically Constrained
- Low Mission Resiliency

## Ease of Scale

- Toolless
- Non-Linear Production Scaling
- Logistically Friendly
- High Mission Resiliency

ANDURIL

Shield AI

GENERAL ATOMICS

BOEING

L3HARRIS

NORTHROP GRUMMAN

LOCKHEED MARTIN

RTX

High Unit Cost  
(Payload Lb / Range Price)



# ROADMAP



Q3 2025



## DEV Group 2 & MVP Mission Stack

- Build & Test to TRL-6
  - MLT-10 TRL-6
  - TACNODE: Static/ Vehicle/Personnel/UAS
  - ALECHEMIS C2 GUI w/ node & network management, messaging, data ingest & processing

## Design Group 3 UAS & Advance Swarm

- Critical Design Review TRL-4
  - AX-50 CE
  - AX-50 VTOL
- POC: ALCHEMIS REIGN Swarm GUI - independent & group advanced autonomy
- ALCHEMIS network planning & Mission Lifecycle tools

Q4 2025



Q1 2026

## Build/Test AX-50-CE, Ref. Miss. Stack HW

- Fabricate AX-50-CE and completed first flight
- Finalize v2.0 Mission hardware HW Stack designs & NDAA Compliance
- Stand up LRIP batch manufacturing (50-100 Mission nodes per month)
- ALCHEMIS integration with Palantir and TAK

## AI Data Plumbing & Program Alignment

- Ship AI data feed v1.0 into CI-PHER and partner stacks
- Standardize schemas for blue object and sensor data
- AX-50-CE Low-Rate MFG
- ALCHEMIS REIGN preliminary swarm demo
- ALCHEMIS Mobile App

Q2 2026

Q3 2026

## Industrialization & Scale Deployment

- Validate 100 AX-50-CE per Low-Rate MFG
- Expand to 250-500 nodes per month (TACNODE)
- Demonstrate task-force-scale mesh
- Land 2-3 recurring DoW customers



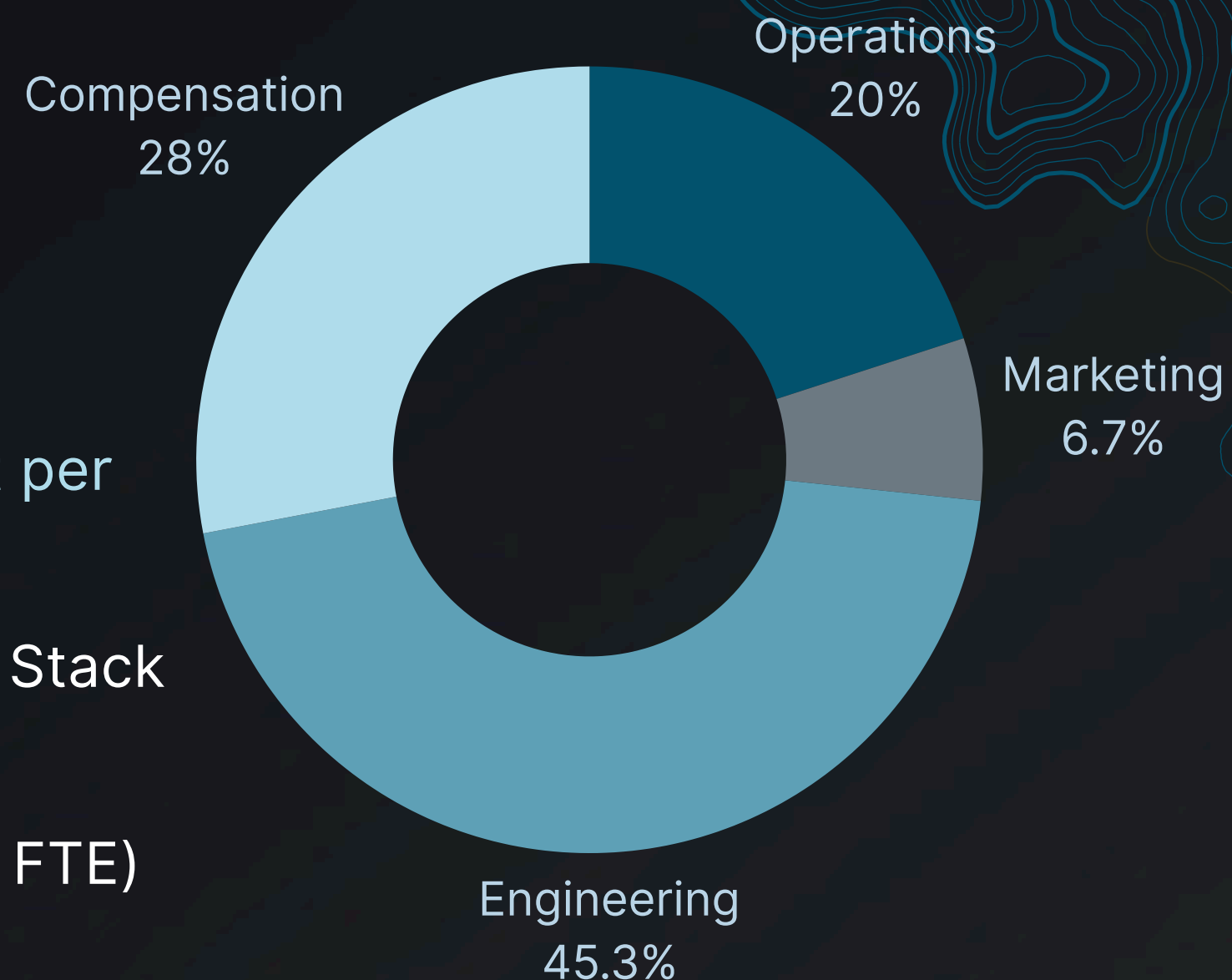
# FUNDING

## RAISE: Seed \$5M

18 months to >\$5 ARR, 500 nodes deployed, 100 aircraft per month ready, 2 dev program conversions

- Accelerate Development: AX-50 & AI/Swarm/Comms Stack
- Scale High-Volume Domestic Production
- Expand Engineering and Go-to-Market Teams (10-15 FTE)
- Expand IP and Production Capacity

### Use of Funds



### Funding To Date

**\$20K**

Founder Contribution

**\$650K**

Pre-Seed Investment

**\$2M**

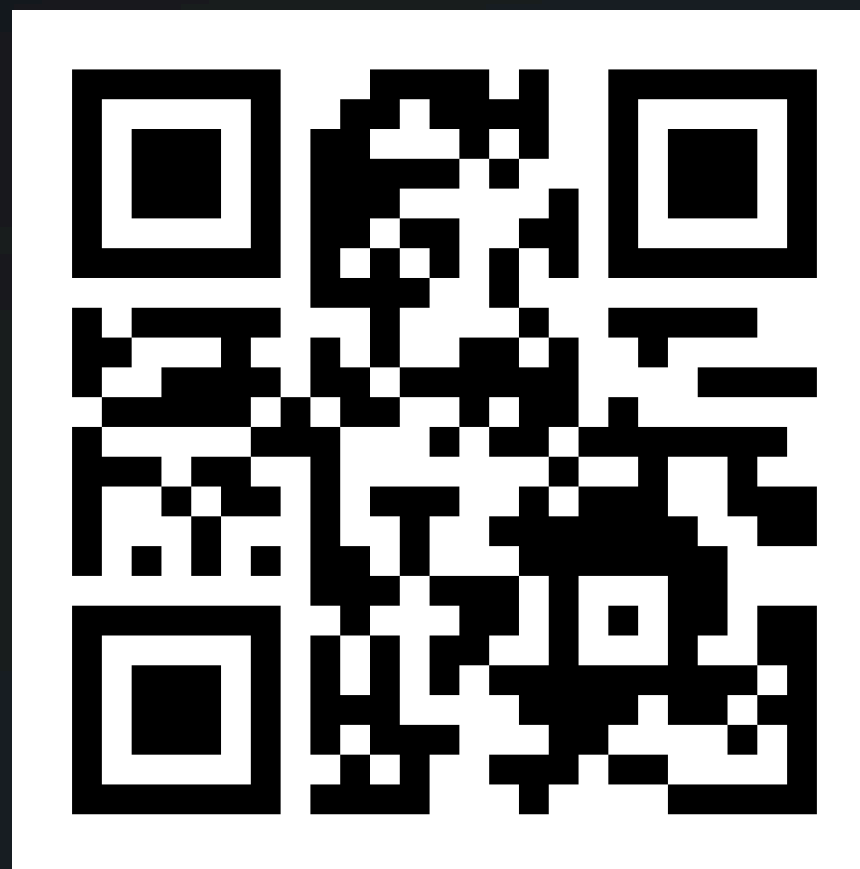
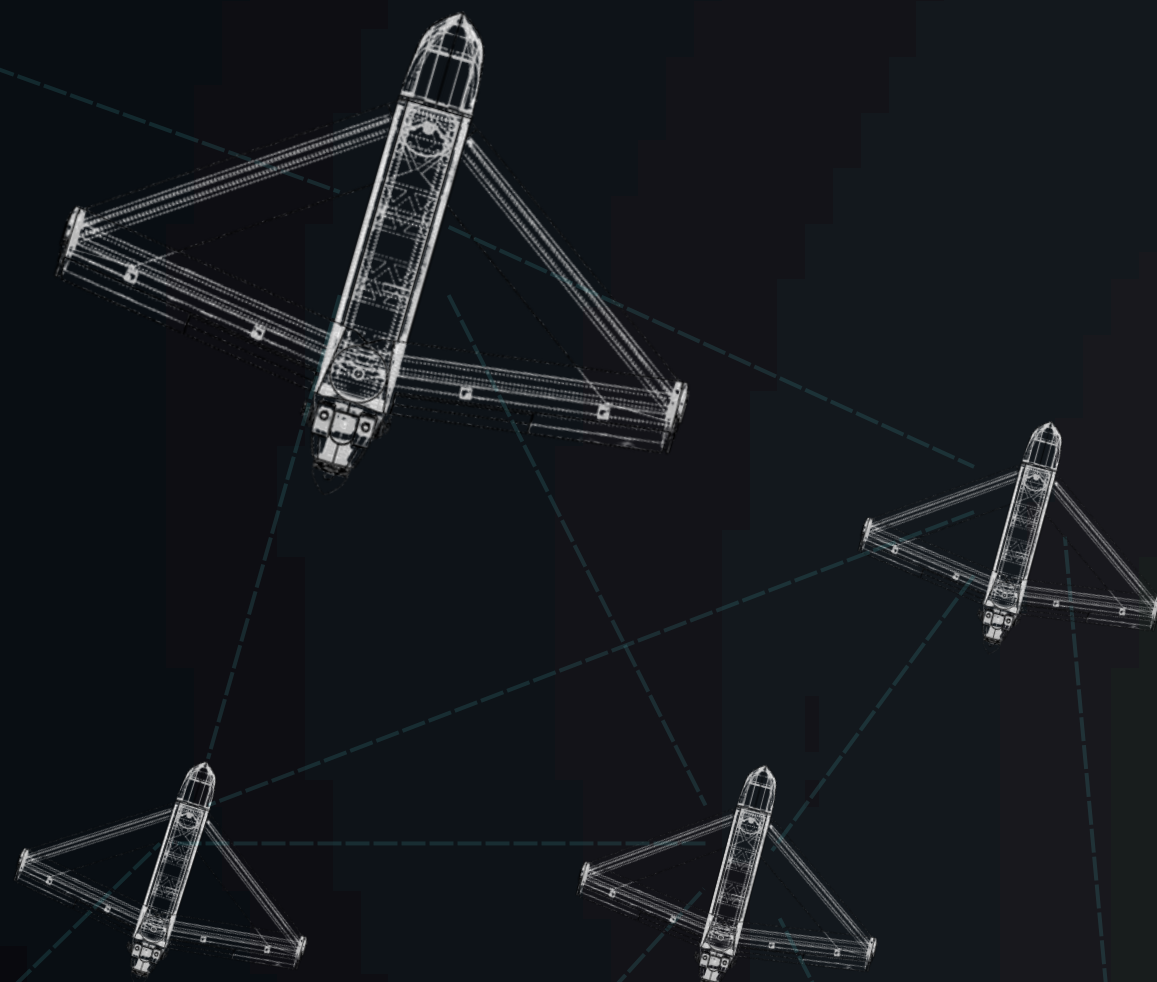
Bootstrapped Revenue  
Commitments (Non-investment \$)

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ci-pher

THE FUTURE OF AI-ENABLED  
AIR DOMINANCE, DELIVERED



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