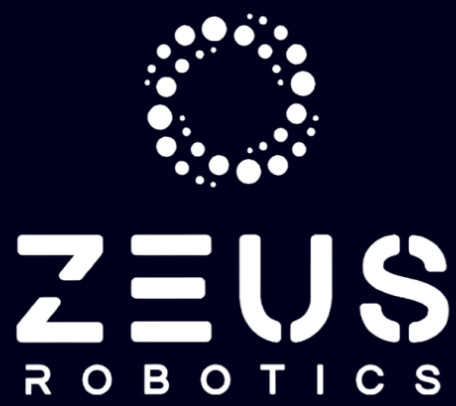


Jun 2026

# Zeus Robotics

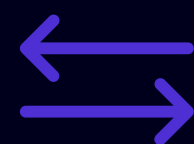
# Building Operational Intelligence for Healthcare Logistics



# IN-HOSPITAL LOGISTICS; HIDDEN BOTTLENECK



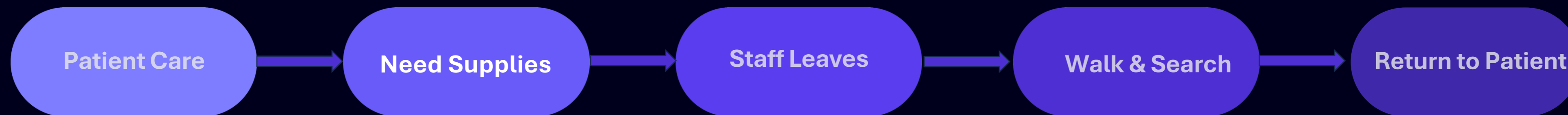
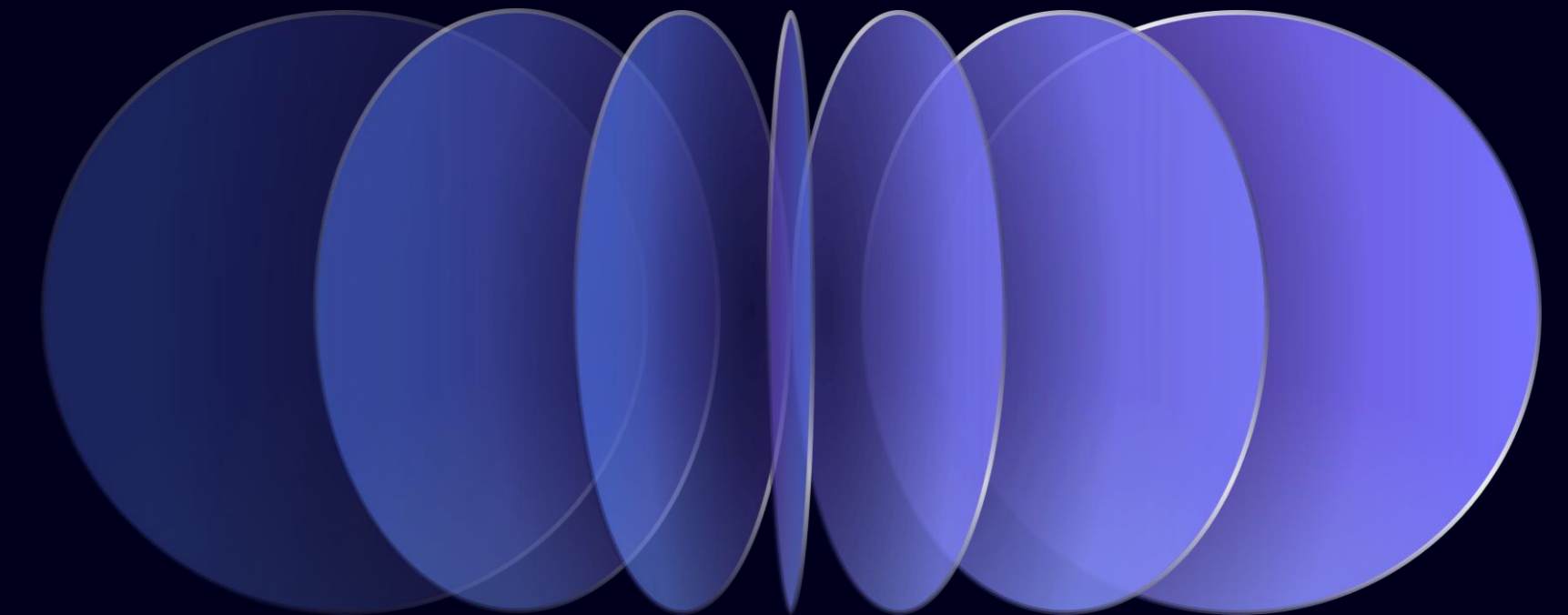
Internal transport consumes thousands of clinical staff hours per hospital per year



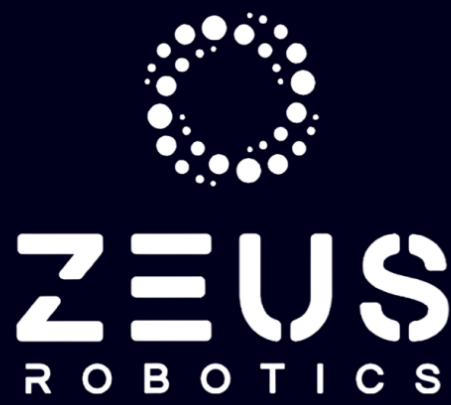
Delays in moving meds, samples, and equipment slow patient throughput.



11 Million healthcare shortfall projected by WHO



Nurses are pulled away from patients for non-clinical tasks — repeatedly, every shift



# GLOBAL HEALTHCARE CRISIS


appian Products Industries Learn Support Partners About

Press Release

## New Data Shows NHS Burdened with 7.5 Million Hours of Extra Work Every Week

February 27, 2025

London, February 27, 2025 – New research from Appian (Nasdaq: APPN), in partnership with Coforge (NYSE: COFORGE), reveals that, on average, process inefficiency costs National Health Service (NHS) staff five hours per week in extra work or delays. Across the NHS's 1.5 million workforce, this adds up to 7.5 million hours of extra work every week.



**NHS burdened with 7.5 million hours of extra work every week**

appian | Coforge

The 2025 UK Public Sector Efficiency Survey polled 1,000 UK public sector workers, including 242 NHS staff. Of those respondents, 95% stated that they face process inefficiencies in delivering services. The top reported obstacles were:


- Manual and repetitive tasks
- Immediate challenges forcing reactive decision-making over proactive solutions
- A need to access multiple legacy systems to review or enter the same information

24/7

Medical Equipment Maintenance Strategies Professional Development

## Nurses Searching for Equipment Led to \$14B in Lost Productivity

Apr 24, 2024 | Equipment management | 0 | ★★★★★



**Summary:** Vizzia Technologies and Georgia State University released a white paper highlighting a \$14 billion annual productivity loss due to nurses spending up to 60 minutes per shift searching for medical equipment. The study emphasizes Real-Time Location Systems (RTLS) technology as a solution to enhance nursing efficiency and patient care.

## Tens of thousands of Canadians died waiting for medical care in the past year: report

By Dorcas Marfo  
Published: November 26, 2025 at 7:19AM EST



An undated stock image of a doctor's stethoscope and a pen (Pixabay/Pexels).

A new report is raising alarm over growing wait-list deaths in Canada.

The report from public policy think tank SecondStreet.org revealed that at least 23,746 patients died in Canada while waiting for surgeries or diagnostic procedures between April 2024 and March 2025.

The figures are a three per cent increase from the previous year and push the total number of reported wait-list deaths since 2018 to more than 100,000.

"7.5 million wasted hours. \$14 billion in lost productivity. Tens of thousands of preventable deaths"  
One Product changes all of this.

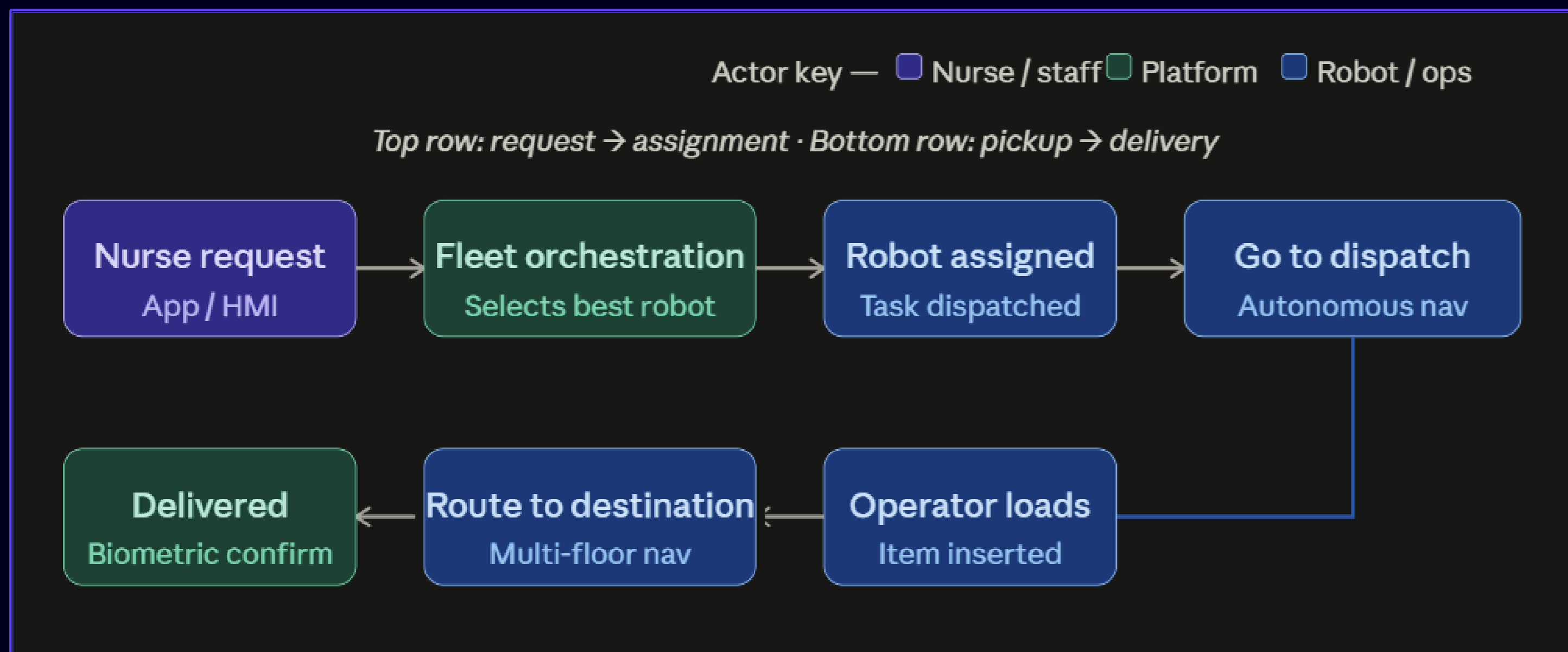


# ZERA

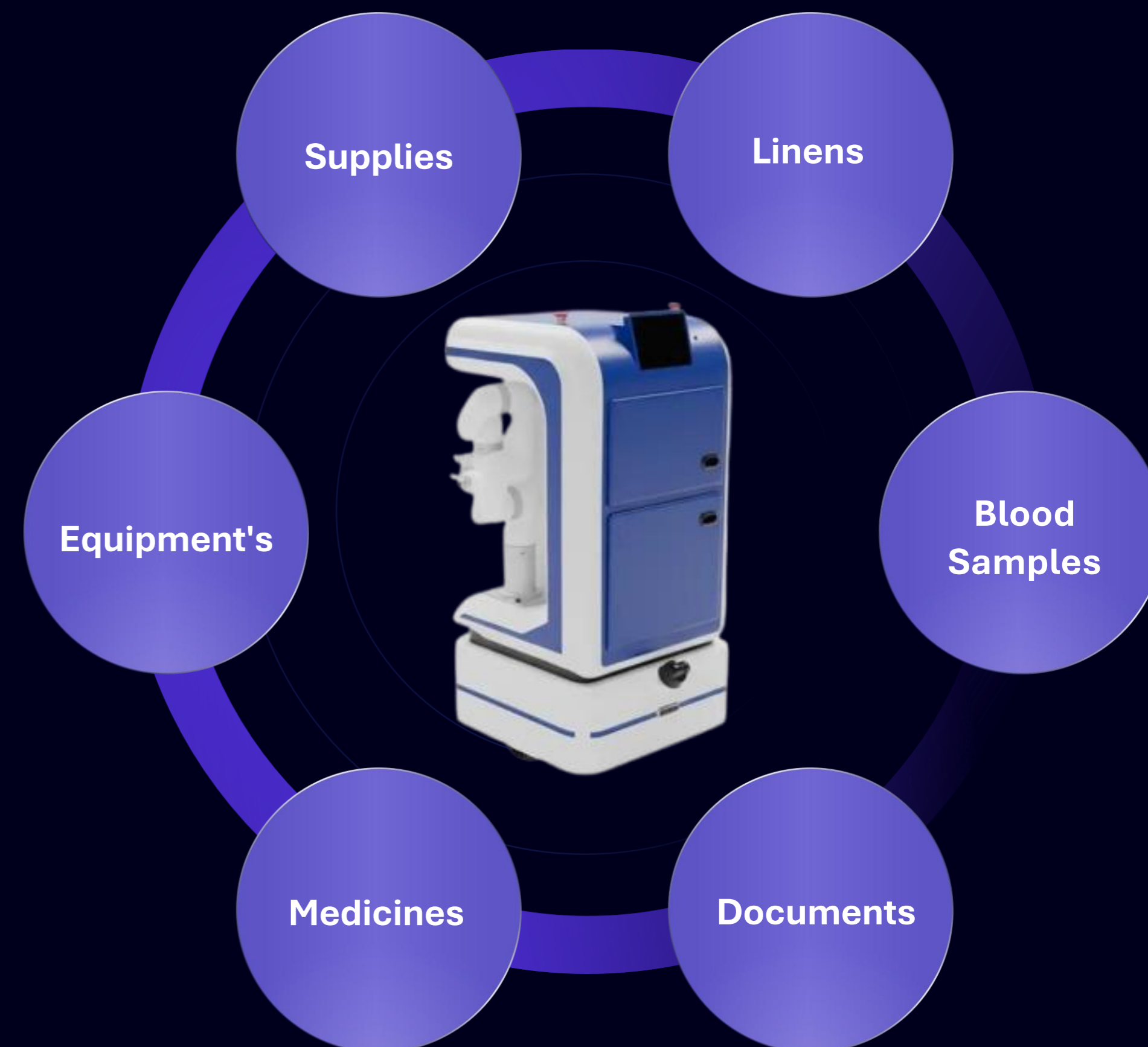
The Operational Intelligence for Healthcare Logistics

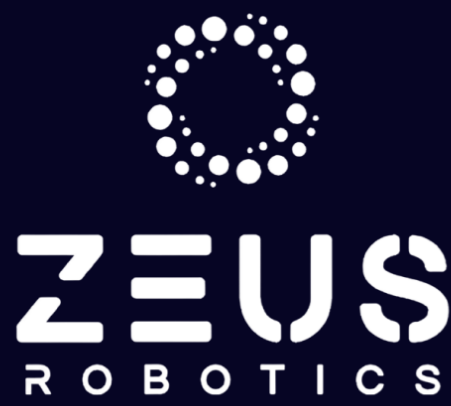


# From request to delivery in minutes...



Every delivery captures nav + timing data → trains ZERA intelligence





# ROI: WHY HOSPITALS SAY YES

200-BED HOSPITAL MODEL

**48,180**

Clinical Hours  
Recovered / Year

**= 23 FTE**

Equivalent Extra Nurses  
at Zero Cost

**\$4M+**

Annual Revenue &  
Cost Uplift

**vs \$300K**

Annual Zera RaaS Cost  
13× ROI

**FASTER BED  
TURNROUND**

**+\$3M / year**

More clinical hours → faster discharge readiness → 200 extra admissions

**REDUCED AGENCY / OVERTIME**

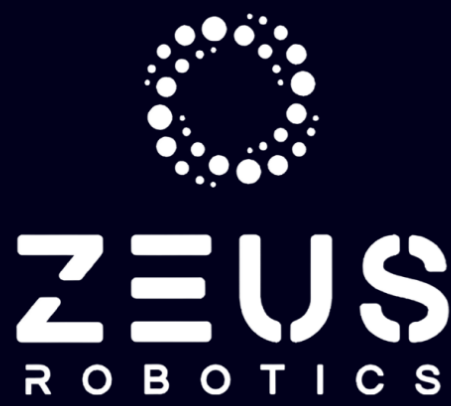
**+\$800K / year**

48,180 recovered hours = 23 extra FTE equivalent at agency rates

**LOWER BURNOUT &  
TURNOVER**

**+\$225K / year**

30% turnover reduction est. @ \$40–60K replacement cost per nurse



# OUR MOAT: Zera's Intelligence

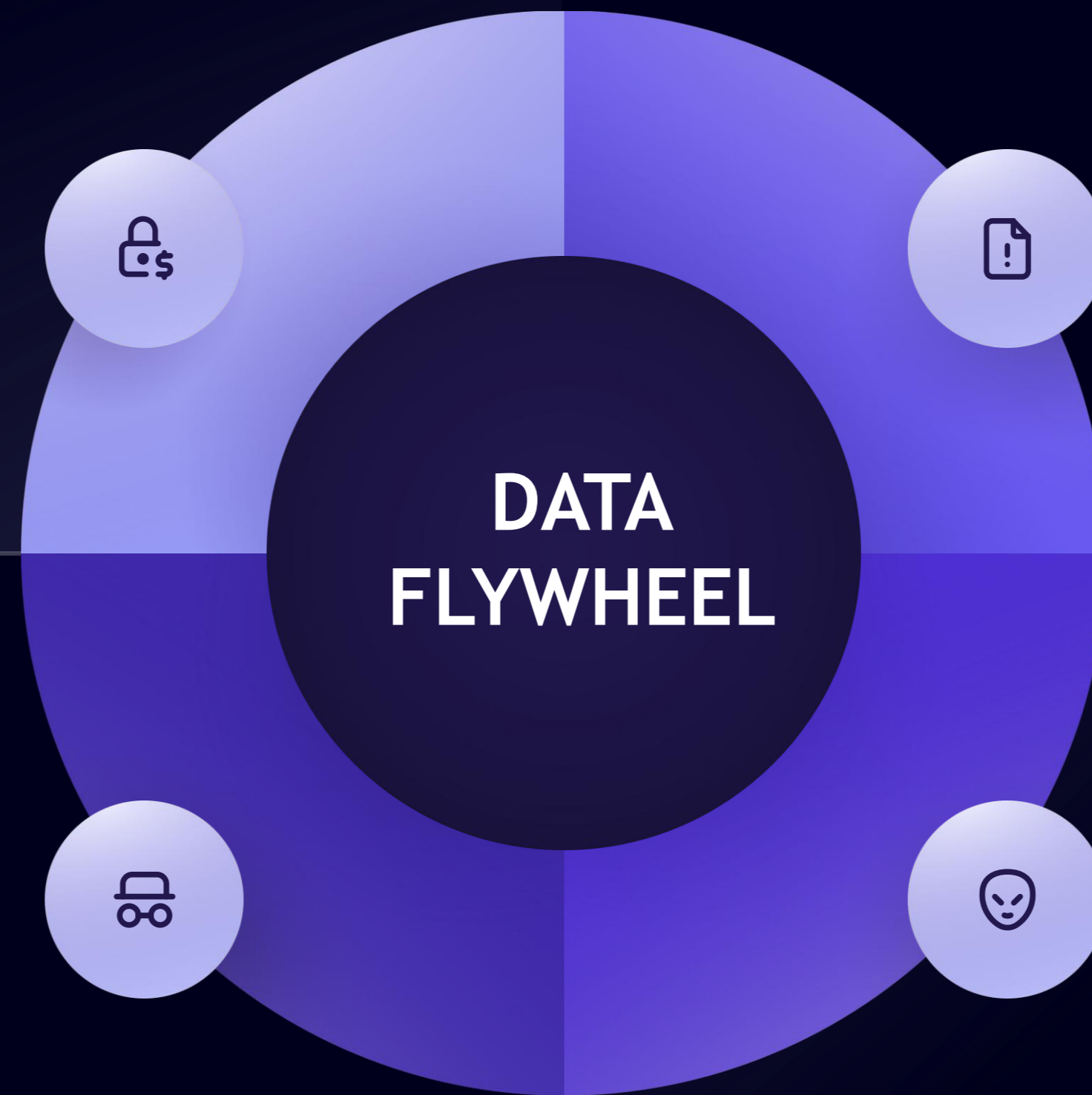
"This compounding advantage cannot be replicated by any competitor starting later."

## Zero IT deployment

ZERA deploys in days with no hospital IT involvement — capturing data competitors can never access.

## Multi-floor autonomy

ZERA operates elevators and doors physically via robotic arm — zero IT integration, zero infrastructure changes. No competitor can match this without a full hardware redesign.

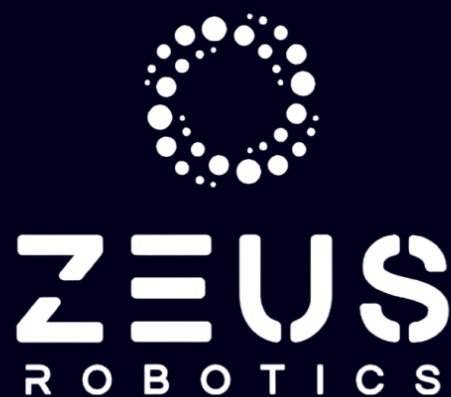


## Real World Operational data

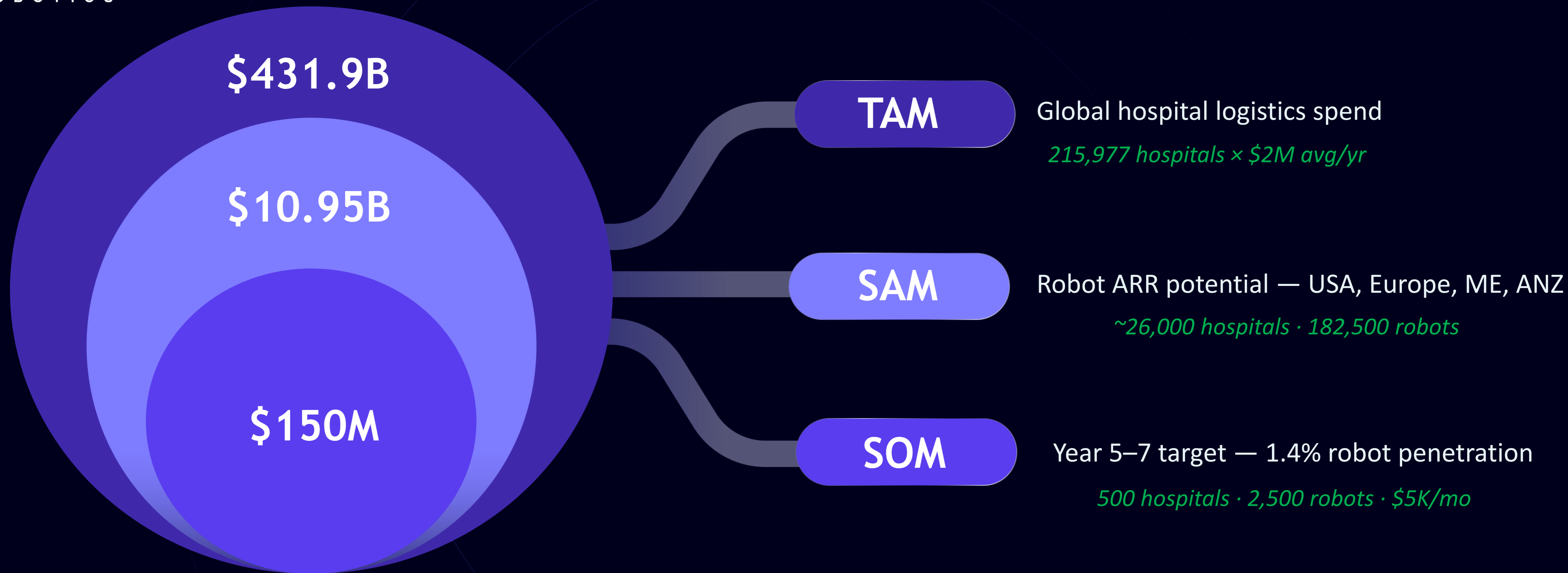
Each delivery generates environment-specific data on navigation, congestion, and logistics timing across real hospital conditions.

## Fleet orchestration

Accumulated data lets multiple robots self-organize in real time — smarter routing, task allocation, and load balancing across the whole hospital.



# MARKET OPPORTUNITY



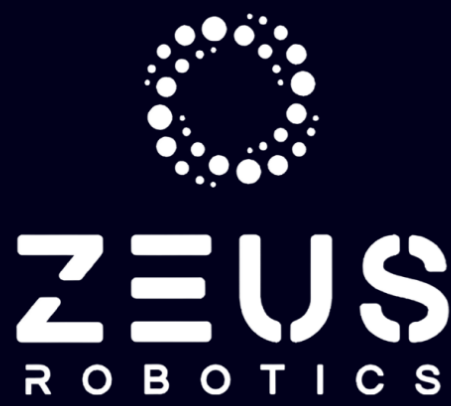
Per Hospital / Year:

**5 robots**  
*deployed*

**\$5,000/mo**  
*per robot*

**\$25,000/mo**  
*per hospital*

**\$300K/yr**  
*annual ARR*



# UNIT ECONOMICS

Scenario	Downside	Base Case ✓	Upside
Usage	4 hrs/day	8 hrs/day	16 hrs/day
MRR/Robot	\$3,300	\$5,100	\$8,700
ARR/Robot	\$39,600	\$61,200	\$104,400
Payback	8.1 months	4.6 months	2.75 months

**\$60k**

ARR from 1 Robot

**\$25K**

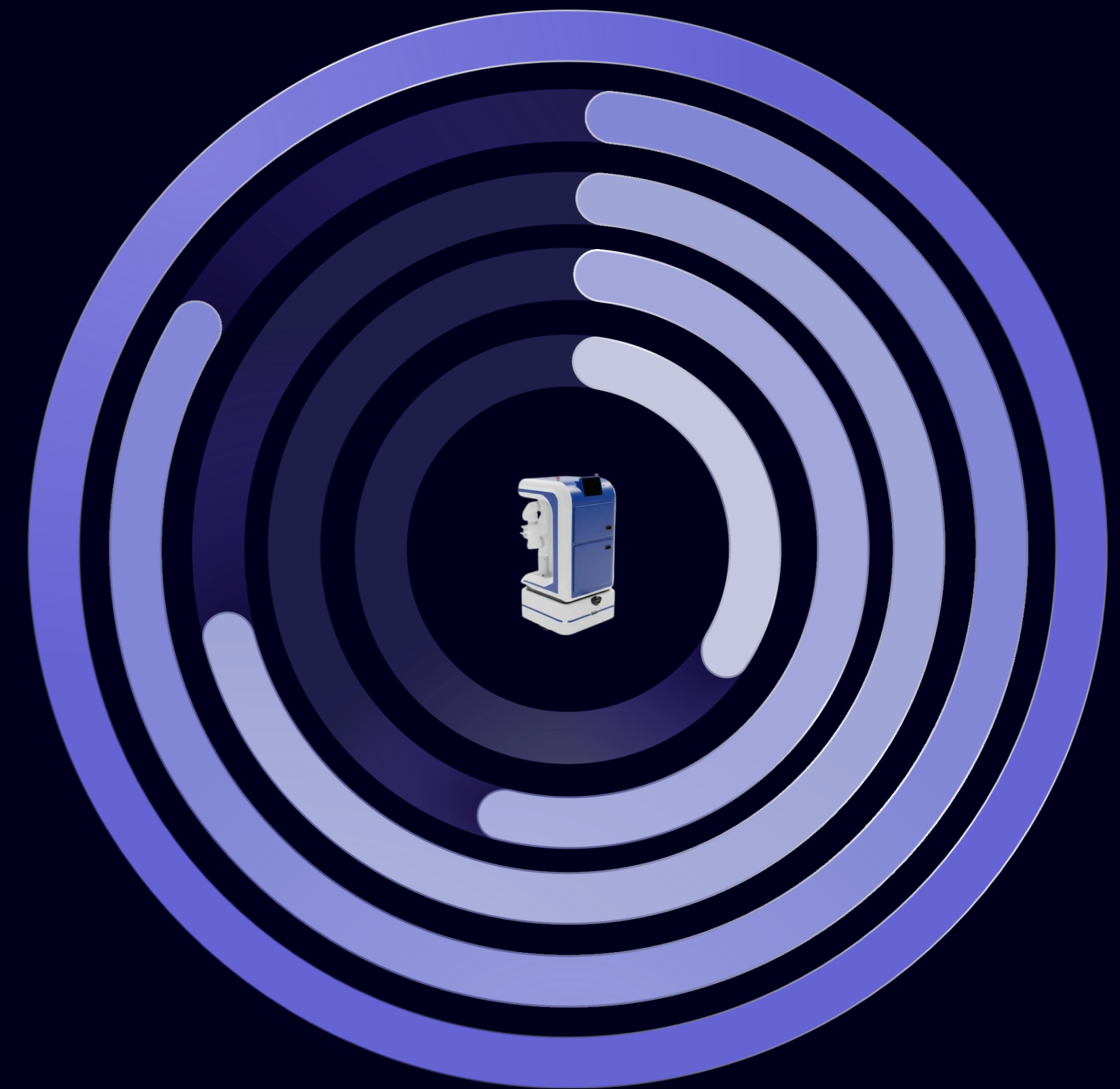
COGS

**5** Months

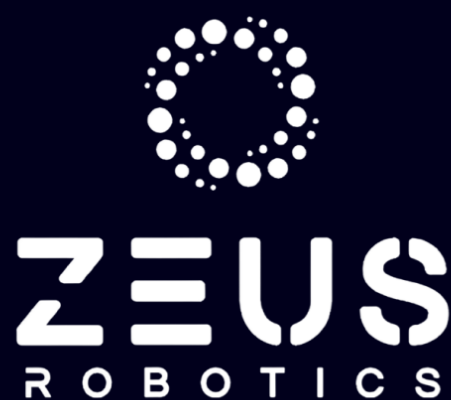
Pay Back Period

**\$300K**

Avg. ARR per Hospital



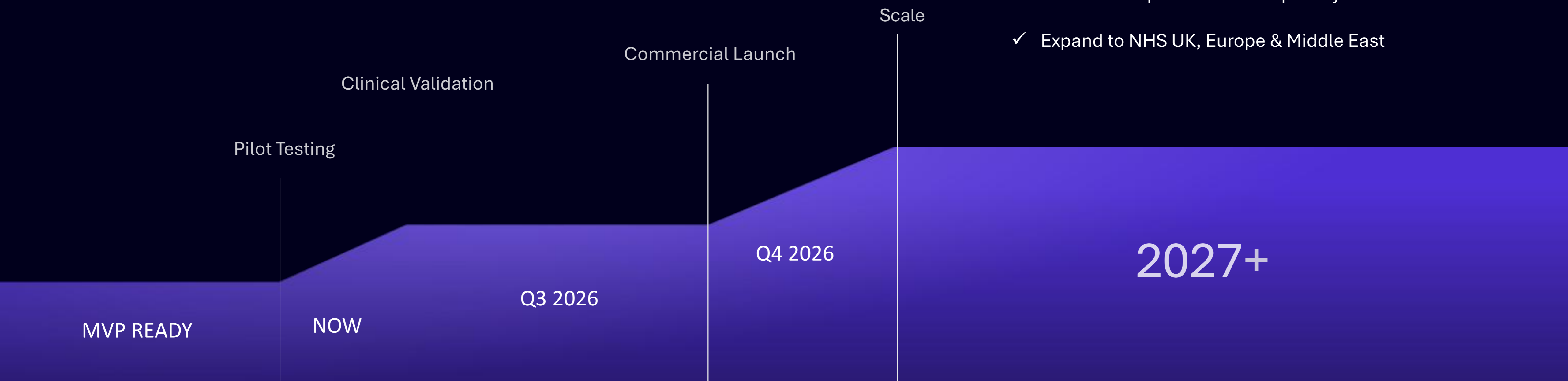
“Margins improve significantly with scale and manufacturing optimization.”

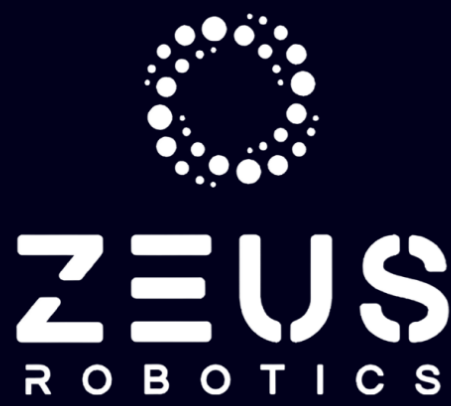


# From Pilot to Platform

We don't need to convince hospitals that logistics is broken, they already know. Our GTM strategy removes every barrier to yes: no IT integration, no infrastructure changes, no CAPEX. Just deploy and generate ROI from day one.

- ✓ Deploy ZERA at Erlanger Health, Chattanooga
- ✓ Capture real-world data, validate ROI metrics
- ✓ Quantify hours saved & logistics efficiency gains
- ✓ Build case studies to accelerate sales cycle
- ✓ Target 10 hospitals in Year 1
- ✓ Launch commercial-ready ZERA fleet
- ✓ Land-and-expand within hospital systems
- ✓ Expand to NHS UK, Europe & Middle East





# 24 Years of Robotics, One Mission



**VIVEK THANKACHAN**  
CEO

Former U.S. robotics startup engineer. Leads GTM, hospital partnerships, and business strategy.



**ANANDHU SUNOS**  
CTO

Masters Robotics, Drexel University. Leads autonomy stack — perception, navigation, manipulation.



**AMAL ASHOK**  
CPO

Leads product design, deployment systems, and the Zeus App/Web UI. Full-stack robotics product ownership.

24+ yr

Combined Robotics Experience

8+ yrs

Working together as a team

Res. Fellowship

From India 2023

M.S Robotics

From Drexel University 2025

ADVISORS



**Allon Guez**  
Technical Advisor



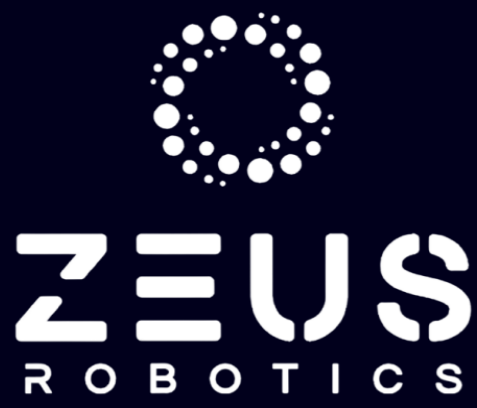
**Tasia Malakasis**  
Senior Advisor  
CEO, The Company Lab



**Bryan Barringer**  
Business Advisor  
Managing Partner @Flow Venture Labs



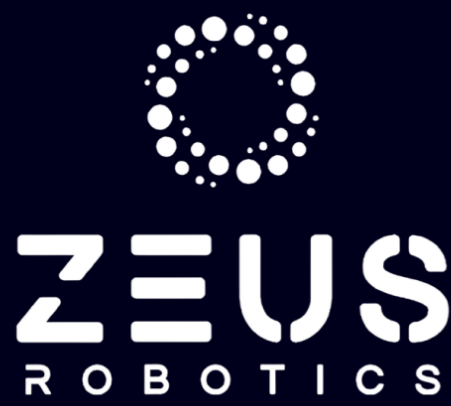
**Jennifer Audeh**  
Legal Advisor  
Partner @ Foley Hoag LLP



# Why Zera Wins

Unlike competitors who force hospitals to adapt to their robots — ZERA adapts to the hospital.  
Zero retrofits. Zero IT tickets. Just deploy and go.

Capability	Aethon TUG	Diligent Moxi	Relay	ZERA
No IT Integration	X	X	X	✓
No Infra Modification	X	Mostly	Mostly	✓
Elevator Operation	● With IT Integration	● With IT Integration	● With IT Integration	✓
Plug & Play Deploy	X	X	X	✓
RaaS Model	Partial	Partial	Partial	✓



# From Zero to MVP in 7 Months

Incepted Aug 2025 — MVP Launched on March 2026

MVP

Ready

\$41K

Angel Funding

2

Pilots confirmed

2

Accelerators accepted

AUG 2025

## Company Founded

- ✓ NVIDIA Inception Program accepted
- ✓ CO.LAB Accelerator — 1 of 5 selected
- ✓ NHS Innovation UK — pilot interest

DEC 2025

## Validation Phase

- ✓ Accepted for Mass Robotics Healthcare Catalyst Program in Boston
- ✓ Mitsubishi Electric and Yaxxoo are mentors.
- ✓ Angel fund raised for building MVP

MAY 2026

## MVP Launched ( Mar 2026)

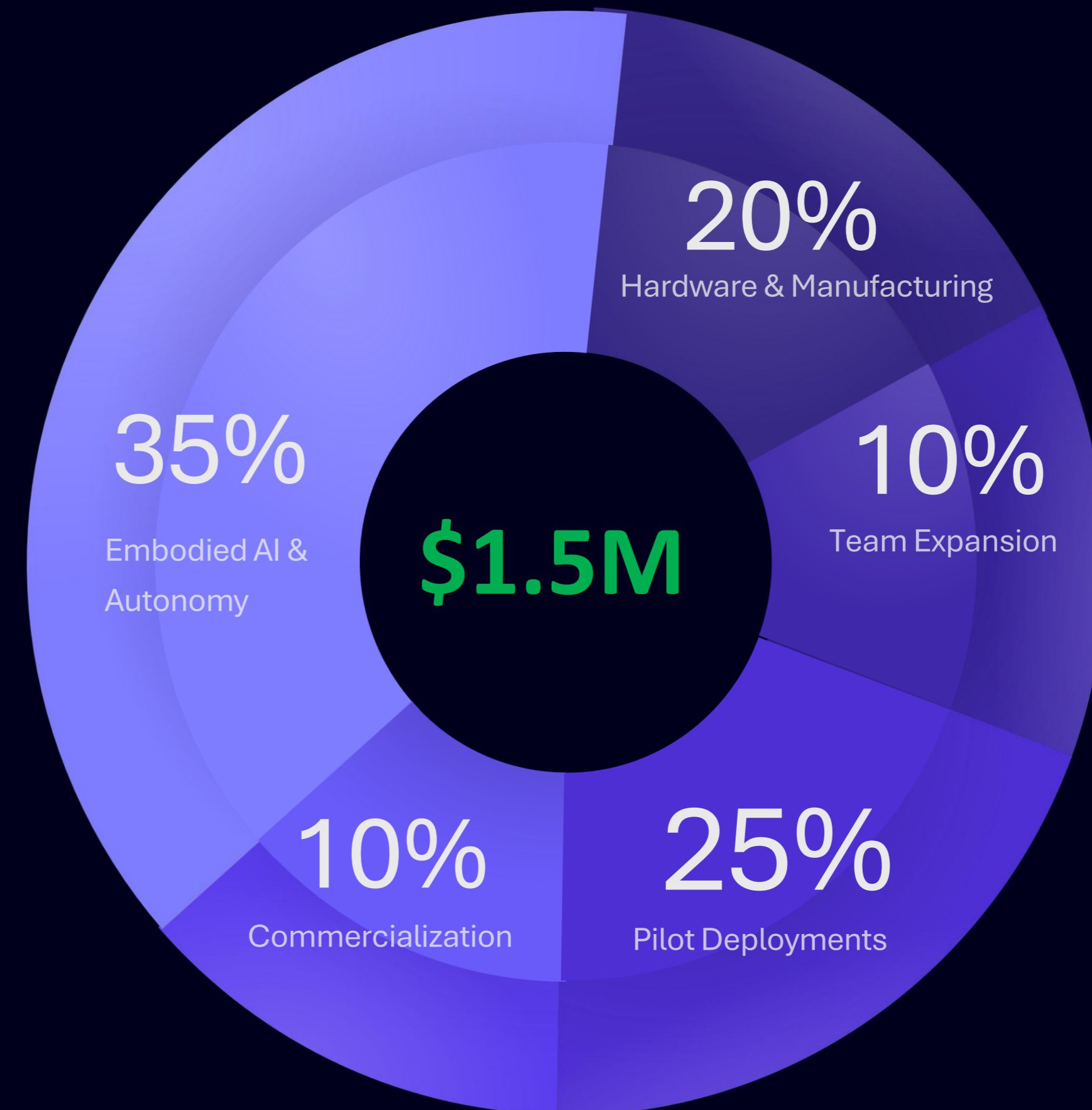
- ✓ ZERA MVP Completed
- ✓ Drafted Pilot Agreement with Erlanger
- ✓ Opened Pre-Seed Round



# Raising \$1.5M Pre-Seed Round

## Post-Funding Milestones

- ✓ 3–5 hospital pilot deployments
- ✓ Commercial-ready ZERA platform
- ✓ Team Expansion
- ✓ Autonomous workflow validation
- ✓ Repeatable deployment model
- ✓ 18 Months Runway



## From Hospital Logistics to Physical Intelligence.

YEAR 1-2

**Win Hospital  
Logistics**

**\$300K**

ARR per hospital

ZERA deployed. Real data collected. Unit economics proven.

YEAR 2-3

**Fleet Orchestration**

**10x**

data from fleet

Multi-robot fleets self-organise. Intelligence compounds across deployments.

YEAR 3-5

**Expand to other  
Logistics industries  
along with Hospitals**

**\$10B+**

addressable market

Hotels, airports, warehouses. Same intelligence, new environments.

YEAR 5-7

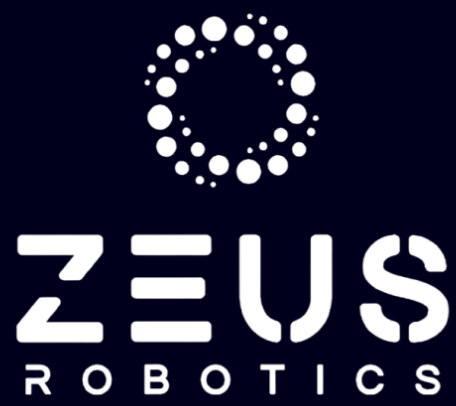
**Physical AI  
Platform**

**\$400B+**

total opportunity

General physical intelligence — the operational layer for every industry.

**A physical AI platform** — the operational layer that runs every industry the way software runs every business today.



# Meet Zera



Email

[vk@zeusrobotics.ai](mailto:vk@zeusrobotics.ai)

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Web

[www.zeusrobotics.ai](http://www.zeusrobotics.ai)

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Demo Video 1

[Video Link](#)

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Demo Video 2

[Video Link](#)

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Looking to invest in the future of embodied AI and autonomous operations? Let's connect.