

# Devising
# Harmonious
# Alignment Aware
# Resonant Nexus



www.dhaarn.org



# DhaaRn

Rohit Tamidapati

# Company Description

DhaaRn is a sanctuary of voyagers who weave present to a future, where exploration and maintenance coexist, where the curious light and the still darkness, dance in wondrous geometry.



# Executive Vision

## Composed Intelligence for Resilient Autonomy

- DhaaRn is call from the unknown, answered.
- A Sanctuary for voyagers imbibing the geometry of the dance of Light in the envelope of darkness.
- **Offerings:**
    - ***FLOWRRA,***
    - ***SŪTRAA.***
- From warehouse robotics to cosmic exploration.



# The Paradigm Shift

***Faster, Predictive AI*** to ***Considerate, Composed Intelligence.***

- Ripples of/for corrections.
- Emergent temporal harmonization.
- Resonant decision-making.
- Resilient, Observant & Predictive sovereignty.



# FLOWRRA

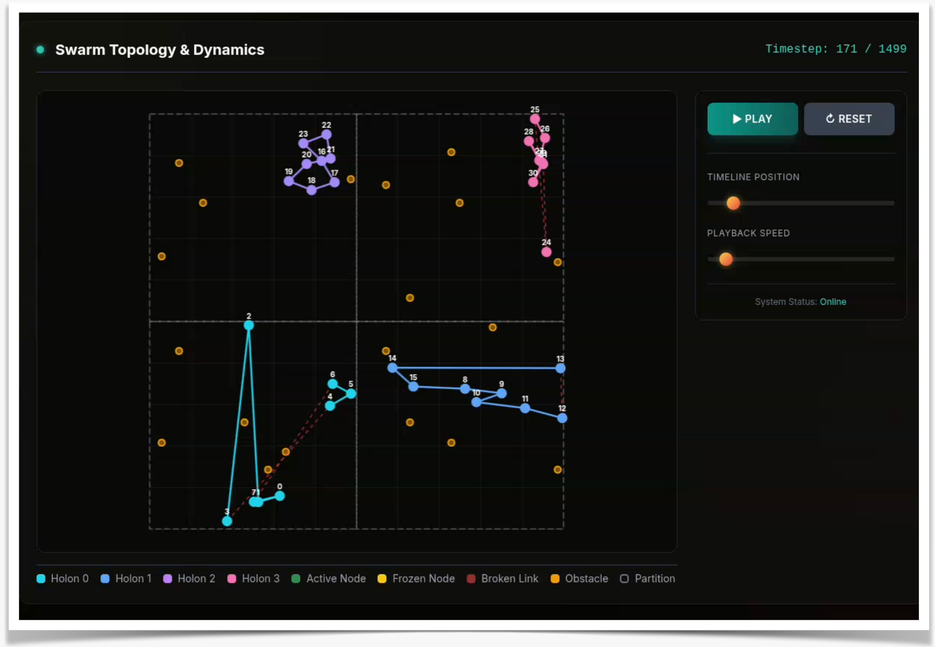
*Flow Recognition-Reconfiguration Agent*

- Engine of temporal harmonization.
- Ripples of corrections via retro-causal inspired RL + stochastic density weaving.
- Decentralized Maintenance.
- Applications:
  - Warehouse & Exploration robotics,
  - Satellite Industries,
  - Smart Cities/Grids.

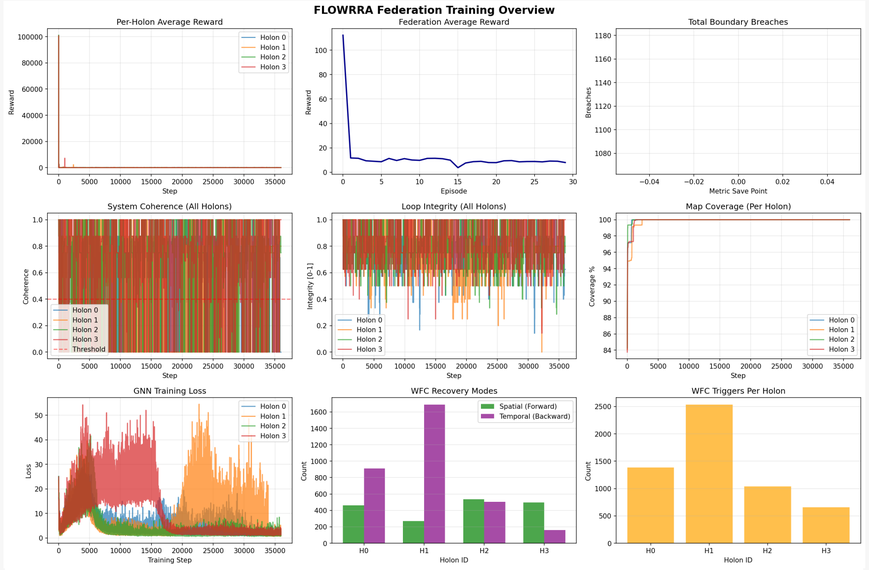


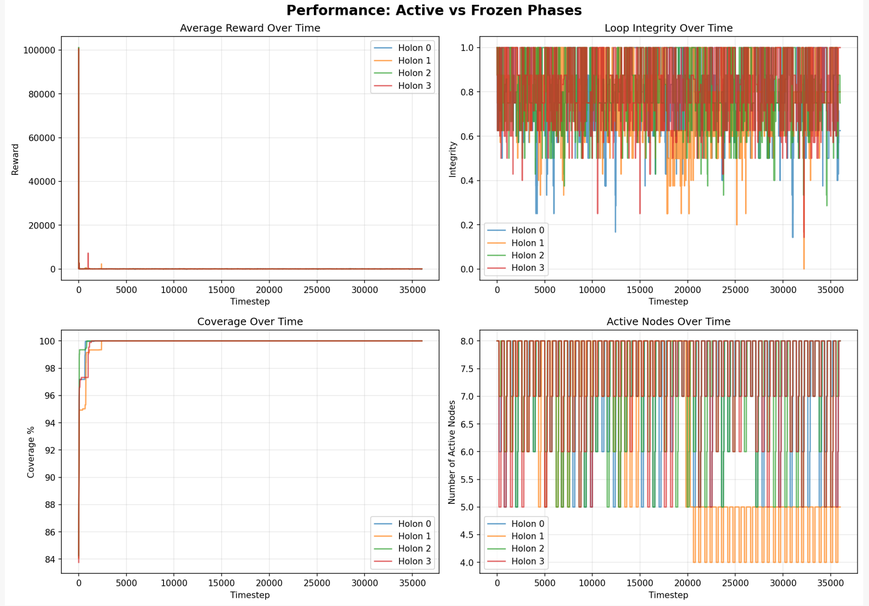
# FLOWRRA

## *Demonstration*




*Link: Substack Article*

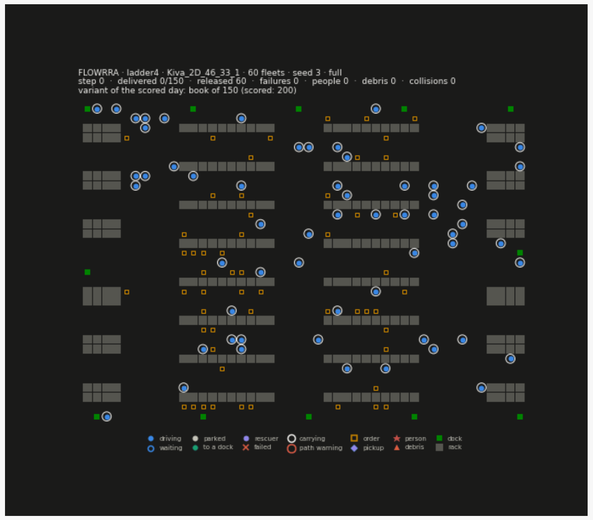


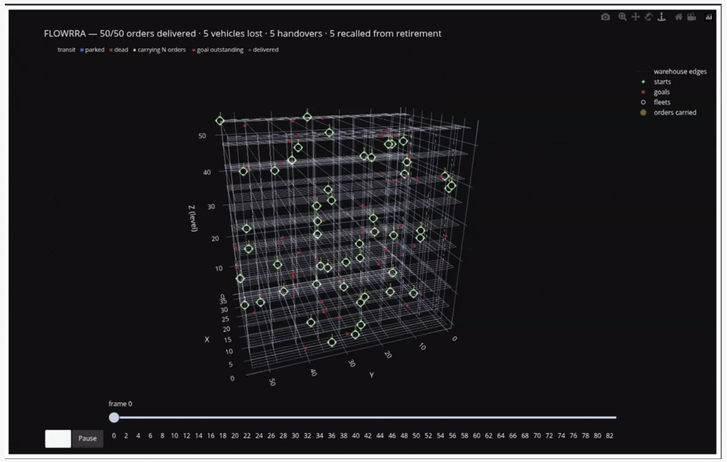





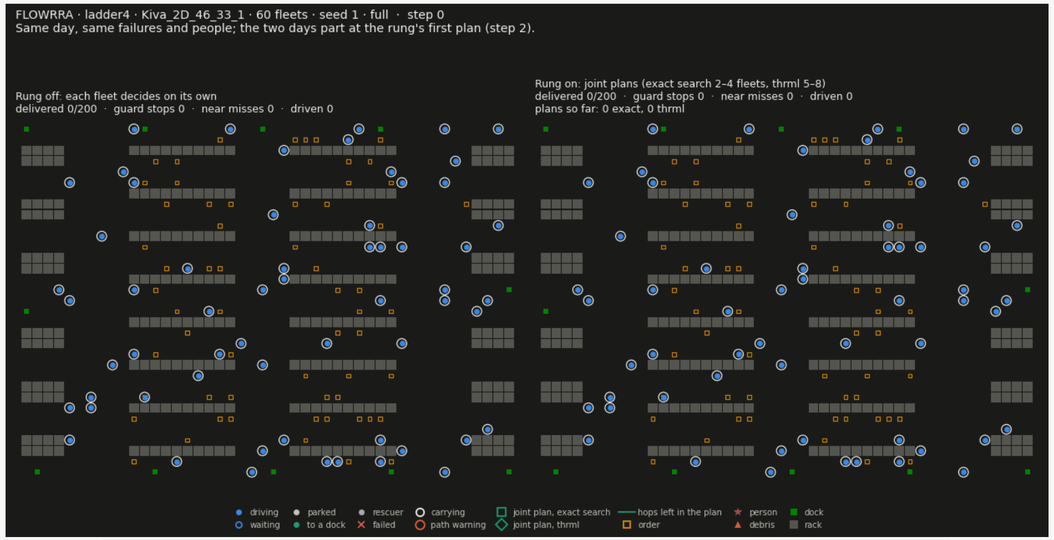

# FLOWRRA in Warehouse

## Demonstration




## Thermodynamic Sampling




**DEPLOY EVAL: HEADLINE MEANS PER DAY (1,920 SIMULATED DAYS)**

**CLEAN (128 DAYS PER ARM)**

| arm | delivered % | lead time | lead (del only) | collisions | guard stops |
|---|---|---|---|---|---|
| **ladder4** | **98.87** | 112.09 | 106.22 | 0 | 1058.62 |
| ladder6 | 94.21 | 148.91 | 123.17 | 0 | 1204.14 |
| RULES | 95.46 | 125.66 | 102.22 | 0 | 584.22 |
| PIBT | **98.38** | 86.18 | 76.16 | 0 | 0 |
| RHCR-PP | 94.8 | 103 | 73.83 | ≤0.016 | 1,975 |
| RHCR-PIBT | 75.15 | 209.89 | 63.47 | 0 | 5870.43 |

**FULL STRESS (128 DAYS PER ARM)**

| arm | delivered % | lead time | failures/day | rescues/day | near misses |
|---|---|---|---|---|---|
| **ladder4** | **87.63** | 192.33 | 11.53 | 11.34 | 77.41 |
| ladder6 | 82.14 | 234.37 | 11.72 | 10.30 | 74.73 |
| RULES | 87.48 | 190.67 | 11.51 | 11.26 | 84.02 |
| PIBT | 79.2 | 188 | 11.51 | 7.8 | 47.2 |
| RHCR-PP | 86.28 | 165.14 | 11.58 | 11.07 | 52.37 |
| RHCR-PIBT | 74.57 | 270.10 | 11.70 | 10.30 | 79.41 |



Link: Substack Article

# SŪTRAA

***System for Unified Temporal Resonant Alignment Attention***

- Seer-architect of resonance.
- Moves from memorization → temporal threading.
- Intent-driven cognition, resonance alignment, temporal fluidity.
- Applications:
    - Long-duration exploration,
    - Smart governance for cities,
    - & beyond.

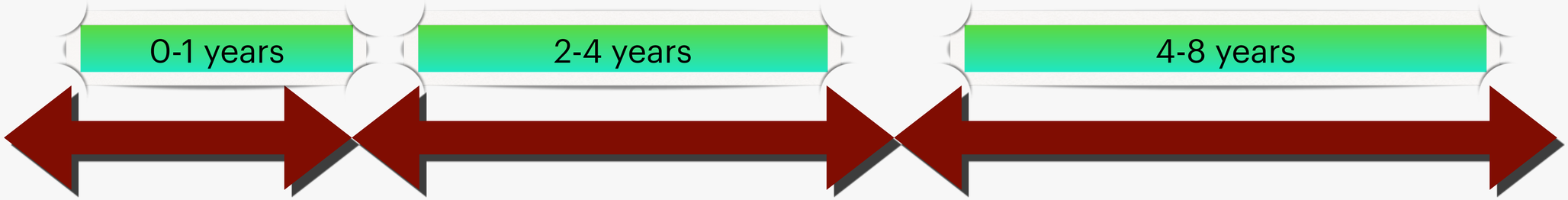


# Industry Alignment

- Warehouse Robotics → Efficiency & Sovereignty.
- Exploration Robotics → Resilience in Unknown.
- Satellite Industries → Secure & Coherent Orbits.
- Smart Cities → Continuous Flow of/for Life.



# Timeline




| 0-1 years | 2-4 years | 4-8 years |
| --- | --- | --- |
| Flowrra Deployment (Middleware Layer) | Warehouse Robotics | Sutraa Pilot |
| | Exploration Robotics | Flowrra for Moon Base |
| | Satellite Industry | Smart Cities |
| | Early Sutraa Tests | Initialize ANIMAA |
| | **Revenue Inflection** | |



# Financial Horizon - FLOWRRA

## Target Markets & Serviceable Opportunity

*-The Resilient Layer for Trillion-Dollar Industry*

- **Strategic Positioning:**
  ***FLOWRRA*** acts as a ***non-threatening "supplementary coherence brain"*** that acts as an ***invaluable resilience layer.***
- **Warehouse Robotics:**
  A ***$1B–$2B TAM*** niche focused on ***flow-coherence optimization*** and ***middleware for logistics orchestration***.
- **Satellite Industries:**
  A ***$2B–$3B serviceable market*** for mission-critical communications and ***real time retro-causal inspired constellation coherence***.
- **Smart Infrastructure:**
  Future ***expansion*** into the ***$400B smart city/grid market*** via municipal pilots and ***partnerships with integrators*** like NVIDIA Metropolis or Cisco.



# Financial Horizon - FLOWRRA

## Revenue Model & Unit Economics

*-Monetization through Sovereignty and Integration*

- **Sovereign Offering:**
  ***Standalone FLOWRRA licenses*** for infrastructure operators via ***annual SaaS or on-prem subscriptions.***
- **Supplementary Offering:**
  ***"Adaptive Coherence Layer" integration*** for platforms like AWS Ground Station, Starlink, and Amazon Robotics.
- **Consulting & R&D:**
  Early-stage revenue generated through ***joint pilots with space agencies and robotics firms.***
- **Unit Economics:**
  Low to High-value ***licensing models*** ranging from ***$100k–$1M annually per site or satellite cluster.***
- **Margins:**
- Targeted ***60–70% software margins*** once core R&D is amortized.



# Financial Horizon - FLOWRRA

## 5-Year Financial Projection

*-Frugal Entry to Scaled Sovereignty*

- **Years 1–2 (R&D):**
  Focus on ***grants and pilot studies*** with ***projected revenue of $0.1M–$0.3M.***

- **Year 3 (Deployment):**
  ***Scaling to $1M–$2M revenue*** through ***2–3 major industrial pilot contracts.***

- **Year 4 (Expansion):**
  Broadening into ***warehouse*** and ***satellite licensing*** deals ***reaching $5M–$7M***.

- **Year 5 (Scale):**

- Achieving ***$15M–$20M*** in revenue with a ***core base of 10–15*** enterprise customers.



# Financial Horizon - FLOWRRA

## Competitive Edge – The Coherence Moat

*-Beyond Prediction: Holistic Reconfiguration*

- **Warehouse Robotics:**
  Unlike competitors focused solely on throughput, ***FLOWRRA provides coherence-preserving reconfiguration to reduce downtime shocks.***

- **Satellite Networks:**
  Moves beyond predictive scheduling ***to retrocausal-inspired coherence and instant re-routing for mission-critical links.***

- **Smart City Grids:**
  Replaces brittle IoT integrations with ***holistic entropy-driven considerate optimization*** to rebalance traffic and energy in real time.



# Financial Horizon- DhaaRn

- **Seed** (**Year 1–2**): ***$1M–2M**** → *FLOWRRA pilots & scaled deployments*
- **Series A: Scaling the Coherence Engine** (**Year 5–7**): ***$20M–30M**** → *SŪTRAA, Exploration, Satellites, Smart Cities*
- **Series B+** (**Year 15–20**): ***$100M+**** → Moon & *Interplanetary Expansion…*

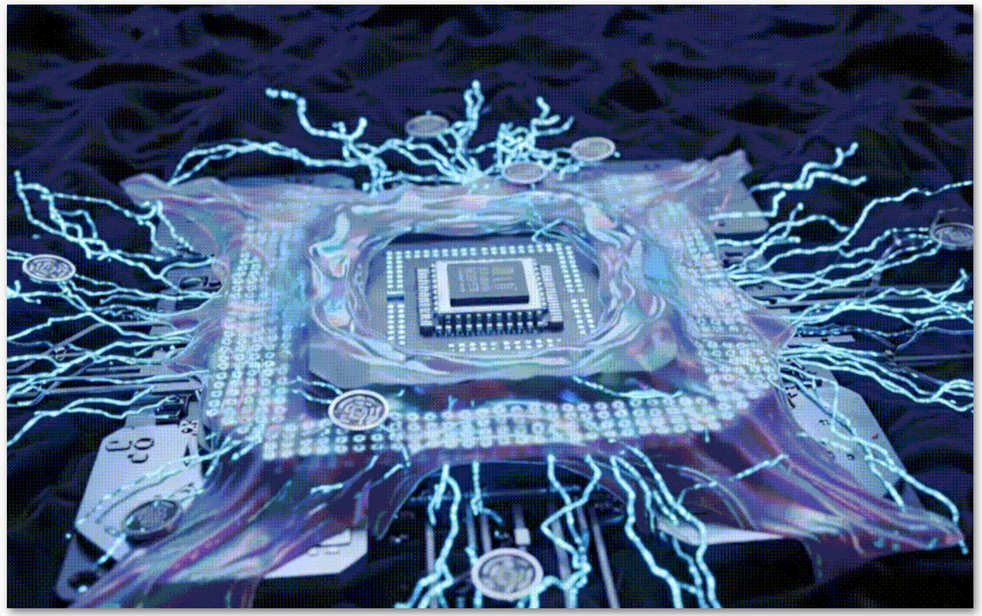
*Negotiable.



# Together- ANIMAA

***Transitioning from Centralized Robotics to Autonomous Bio-Synthetic Organisms***

- We are introducing ANIMAA, the world's first of its kind, Unified Autonomic Architecture.
- ANIMAA replaces "dumb" hardware with an integrated artificial nervous system, decoupling the Reflex from the Mind.



| Layer | Component | Functional Role | Biological Parallel |
|---|---|---|---|
| Autonomic | FLOWRRA | ***EM Membrane:*** Instantaneous Reflex with Wave Function Collapse | Spinal Cord / Peripheral Nervous System |
| Cognitive | SŪTRAA | ***Temporal Threading:*** For intent, memory & decision making | Prefrontal Cortex |
| Immune | THREAD JAMMER | ***Sovereignty Shield:*** Prevent Spoofing & Unhackable | Immune System/ Discernment |

https://github.com/Tro23/FLOWRRA/blob/main/ANIMAA.pdf



# Closing Vision

- Harmonizing Duality.
- Navigating Technological Advancement.
- Timeless Presence.
- Sanctuary of Seekers.
- Voyagers of Cosmos.

*The Abyss is calling, the only question that remains -*

*are you willing?*

