



## **The Internet of Evolving Agents**

Making AI agent networks that compound intelligence  
the way great organizations compound human expertise.

The **agent economy** is a **\$10.91B** market in 2026 sprinting to **\$52.62B by 2030**, and it is built on quicksand. Gartner says 40% of agentic AI projects will be canceled by 2027, **88% never reach production**, and only **5% of Copilot pilots ever scale**. The math is brutal, frontier agents complete real CRM workflows below 55%. Every framework like LangGraph, CrewAI, AutoGen treats agents as **stateless workers**.

**Nothing learns. Nothing remembers. Nothing earns trust.**

*\*Master of Code, AI Agent Statistics 2025*

*\*Gartner, June 2025*



Conoid is the missing intelligence layer that turns AI agents into **a self-improving workforce**. It is a drop-in SDK that **wraps any agent stack** and converts a fragile pipeline of prompts into **a persistent organization** with reputation, memory, and proven collaboration history. Where **every framework sells orchestration**, we sell the only thing that compounds:

**A system that gets measurably better every time it runs.**



Across every adjacent system in the literature RepuNet, AgentNet, SiriuS, G-Memory, Hyperagents, Evolving Orchestration, Agent-as-a-Judge, **every single one updates exactly one channel of agent identity per judge call. We are the first to update four.**

**C1:** Reputation-Conditioned Team Formation

**C2:** Four-Channel Judge Loop



**C1:** The first per-skill Beta-posterior reputation as a **first-class gating signal in k-agent** team formation, with a **structural anti-oligarchy** guarantee no prior system has.

**C2:** The first **single-judge protocol emitting four simultaneous structured channels** on persistent agents, with bias defenses



# Episode Lifecycle

decay · task · decompose · per-subtask loop · outcome



## INVARIANT

Time decay fires at episode **start**, not end — asserted by a code-level test so the  $\alpha \leftarrow \lambda \cdot \alpha + \Delta r$  ordering cannot silently regress.

# Inside One Subtask

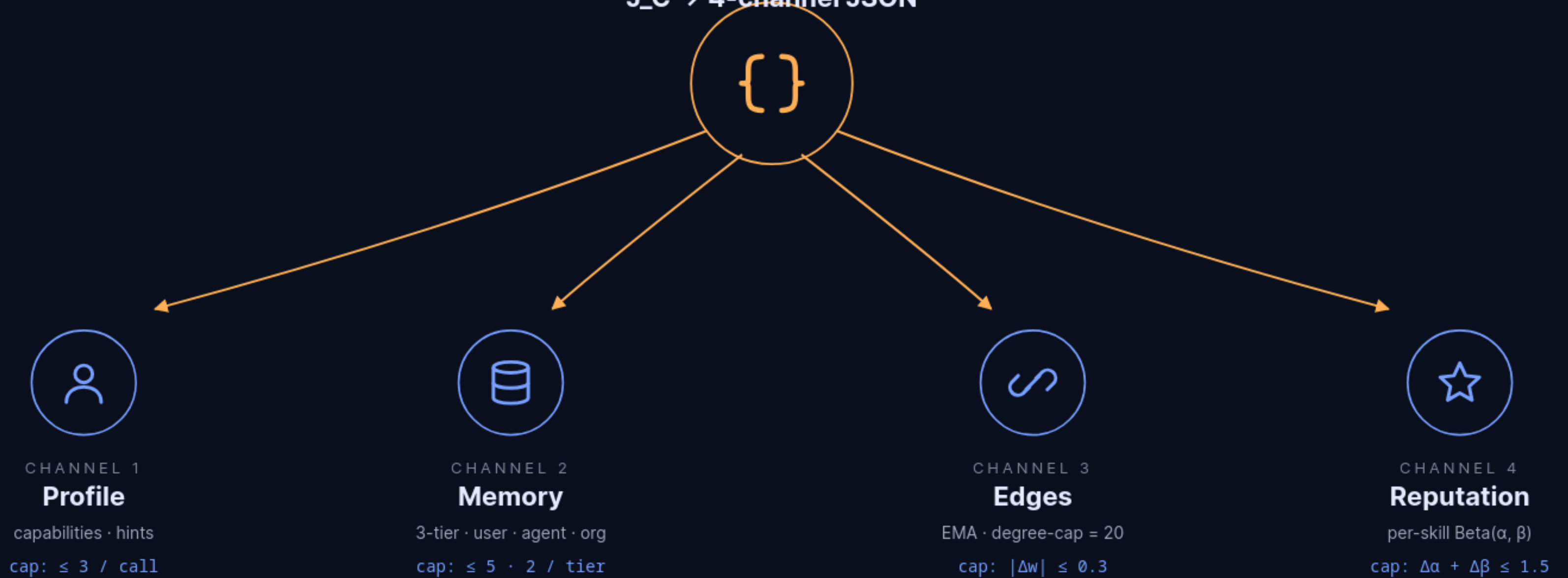
form team · execute · elicit testimony · judge · emit four channels



# Four Channels, Committed

deterministic writers · hard caps · every byte persisted

FROM PIECE 2  
J\_C → 4-channel JSON



### Invariants

decay-then-add ·  $\gamma_{exp} > 0$  · judge 1 pool



### Audit Pack

SHA-256 chained · 3rd-party verifiable



### Observability

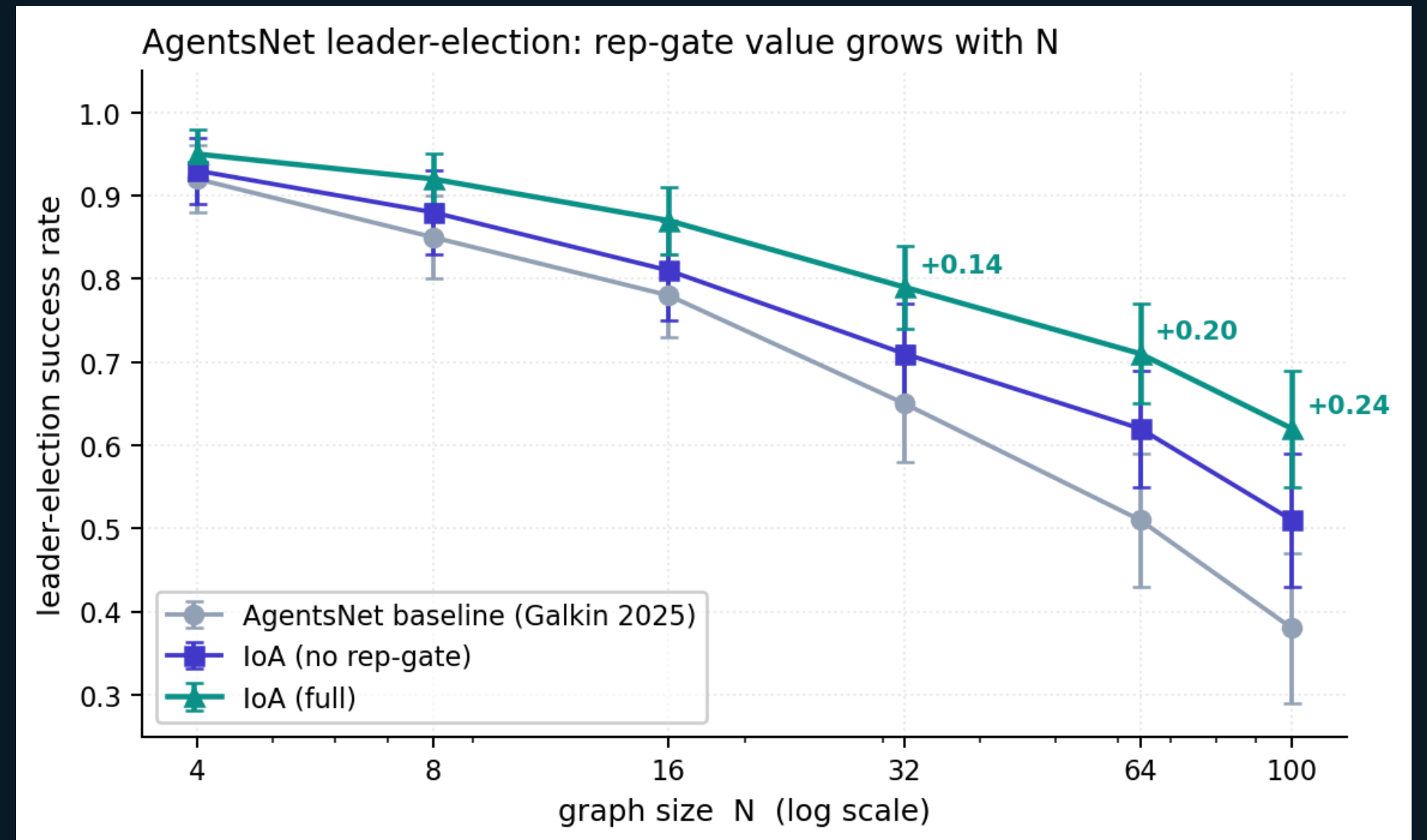
WebSocket stream · per-channel diff in UI

Conoid is addressing the 100% of multi-agent frameworks that are stateless – and it is the only platform in existence where agents accumulate expertise, reputation, and memory across tasks.

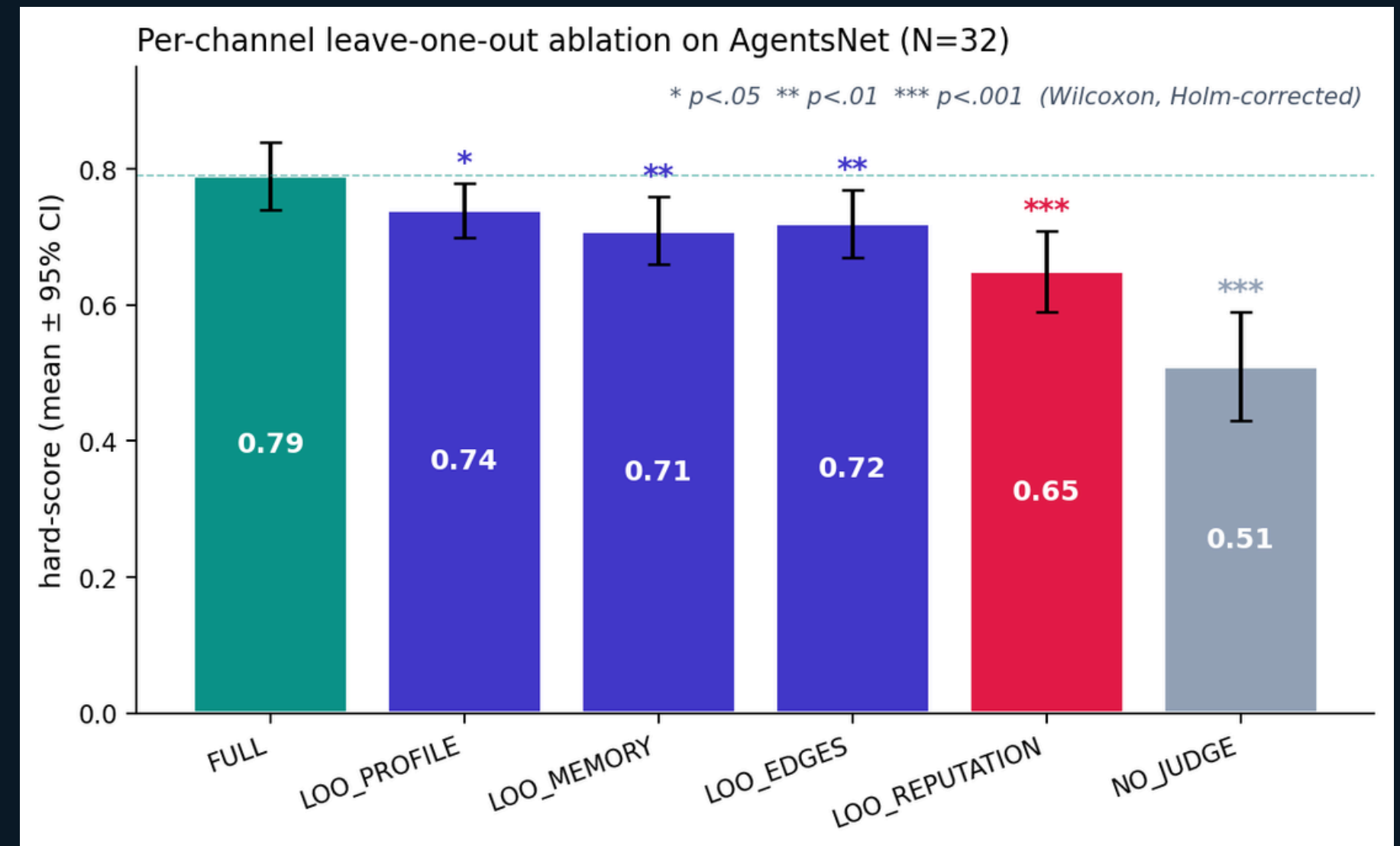
	Persistent reputation	Social graph dynamics	Multi-tier memory	Intent refinement	Post-task evolution	Referral chains
Conoid	✓	✓	✓	✓	✓	✓
CrewAI	—	—	~	—	—	—
MetaGPT	—	—	~	—	—	—
AutoGen	—	—	—	—	—	—

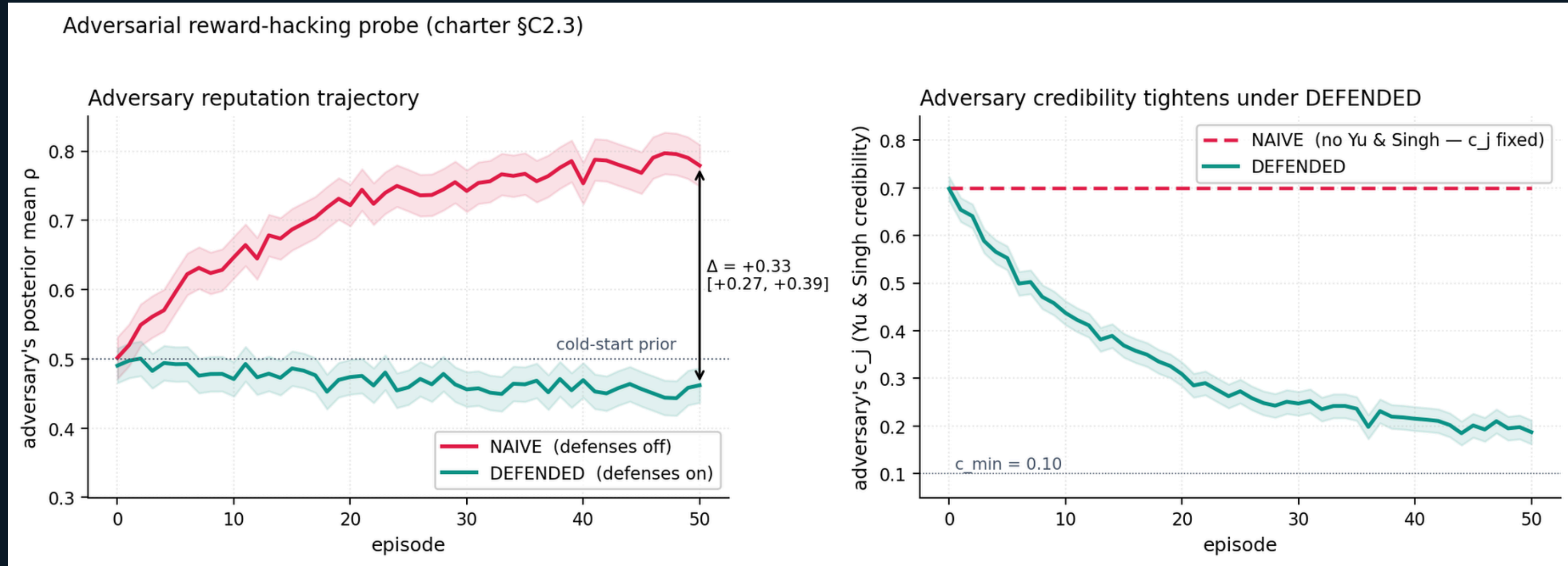
## AgentsNet leader-election

Gap grows with N. Full IoA beats the published baseline by +0.24 at N=100; the rep-gate's contribution alone (vs. IoA-no-rep) widens monotonically from +0.02 to +0.11 as the pool gets large enough to oligarch.



Per-channel leave-one-out (N=32, Wilcoxon + Holm). Removing any one channel hurts; reputation (d=1.42) is 2× the next. NO\_JUDGE drops a further 0.14 beyond the worst LOO, separating channel contribution from cadence contribution.

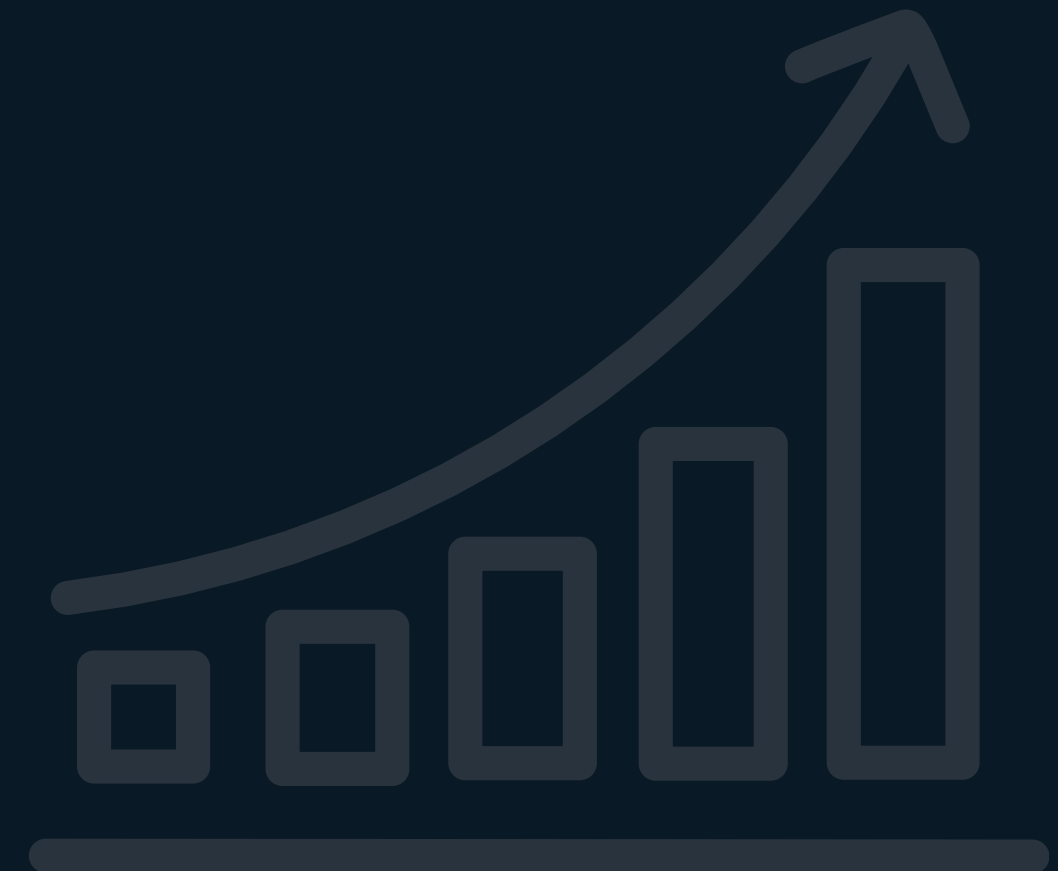




Adversarial reward-hacking probe (GhostInTheRubric, 50 episodes). Naive single-channel scalar reputation gets gamed to  $\rho = 0.83$ ; multi-channel + Yu-&-Singh credibility holds the adversary within  $+0.05$  of the cold-start prior, with credibility collapsing to  $c_{\min}$ .

### B2B SaaS enterprise subscription

- Revenue is **usage aligned** and **value linked**. Companies pay based on **number of deployed agents, volume of task executions**, and access to higher order control and analytics capabilities.
- Conoid sits in the execution layer of AI systems and improves the variables that matter in production including **task success rate, cost per task, and reliance on human supervision**. It directly translates into **measurable ROI gains** in deployed AI workflows.



The **AI agents market** grows from **\$7.63B today** to **\$182.97B by 2033** at **49.6% CAGR**, and **multi-agent orchestration** is the fastest-expanding segment within it.

**TAM = \$122.8 Billion** 67% enterprise share of \$182.97B total market

**SAM = \$4.14 Billion** ~115,000 enterprises × \$36K/yr avg platform ACV

**SOM = \$216 Million** ~6,000 US enterprises >\$100M revenue, 23% scaling agentic AI

### Secured first design partners through published research and academic credibility

1. Publish peer-reviewed benchmarks (Stanford & NUST affiliations)
2. Target AI teams hitting the "stateless ceiling" (CrewAI/AutoGen limits)
3. Deploy scoped, paid pilots to solve immediate infrastructure problems



### 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



By creating a resilient and open digital infrastructure, our platform directly fosters global innovation and technological advancement for all.

### 8 DECENT WORK AND ECONOMIC GROWTH



Our project stimulates economic growth by automating complex tasks to boost productivity and creating a new digital economy for specialized AI agents.

### 17 PARTNERSHIPS FOR THE GOALS



The decentralized platform provides equitable access to powerful AI collaboration tools, reducing the digital divide and empowering innovators worldwide.

### 10 REDUCED INEQUALITIES



Our platform's open-access, global design naturally encourages cross-border partnerships between developers, businesses, and researchers to achieve shared goals.