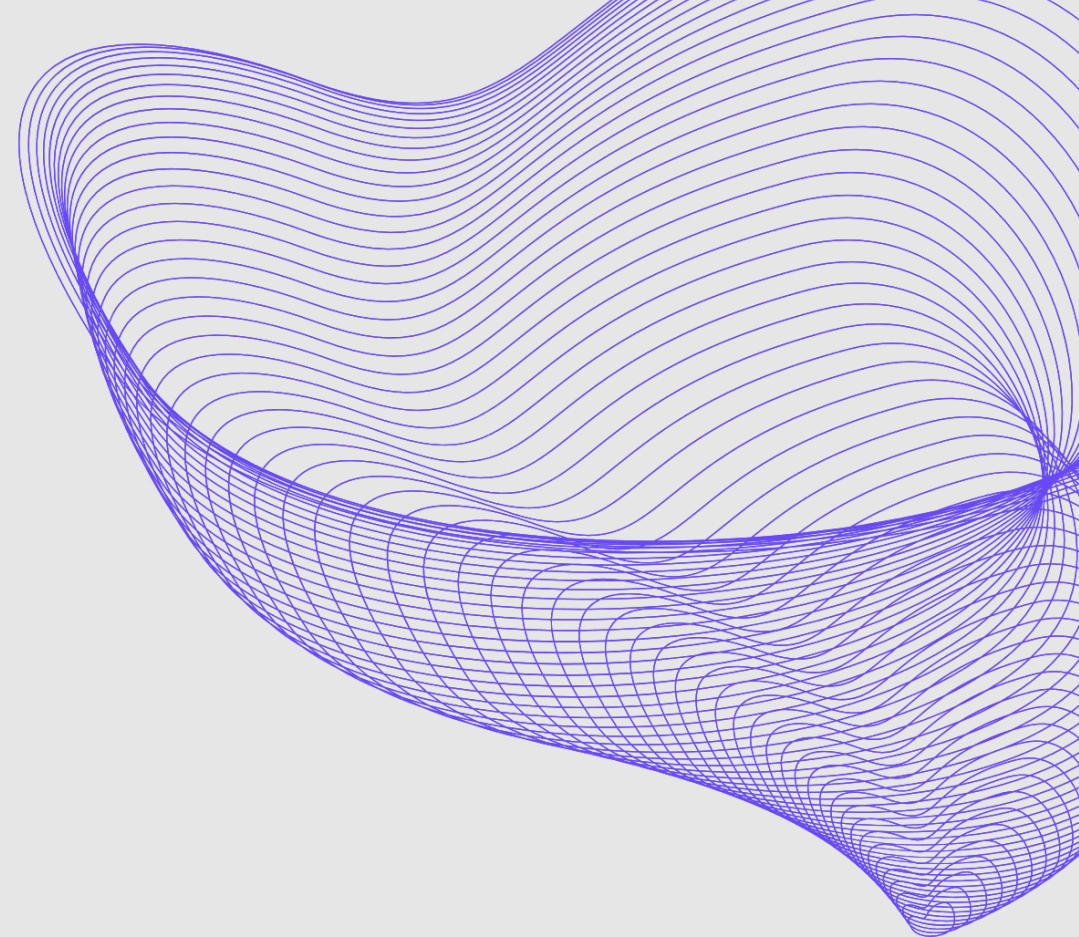




# Virtuals Protocol – Growing Agentic GDP

October 27<sup>th</sup>, 2025

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Tom.Couture@fundstrat.com  
Twitter: @Tom\_Couture17

*\*Please see page 62 for required disclosures*



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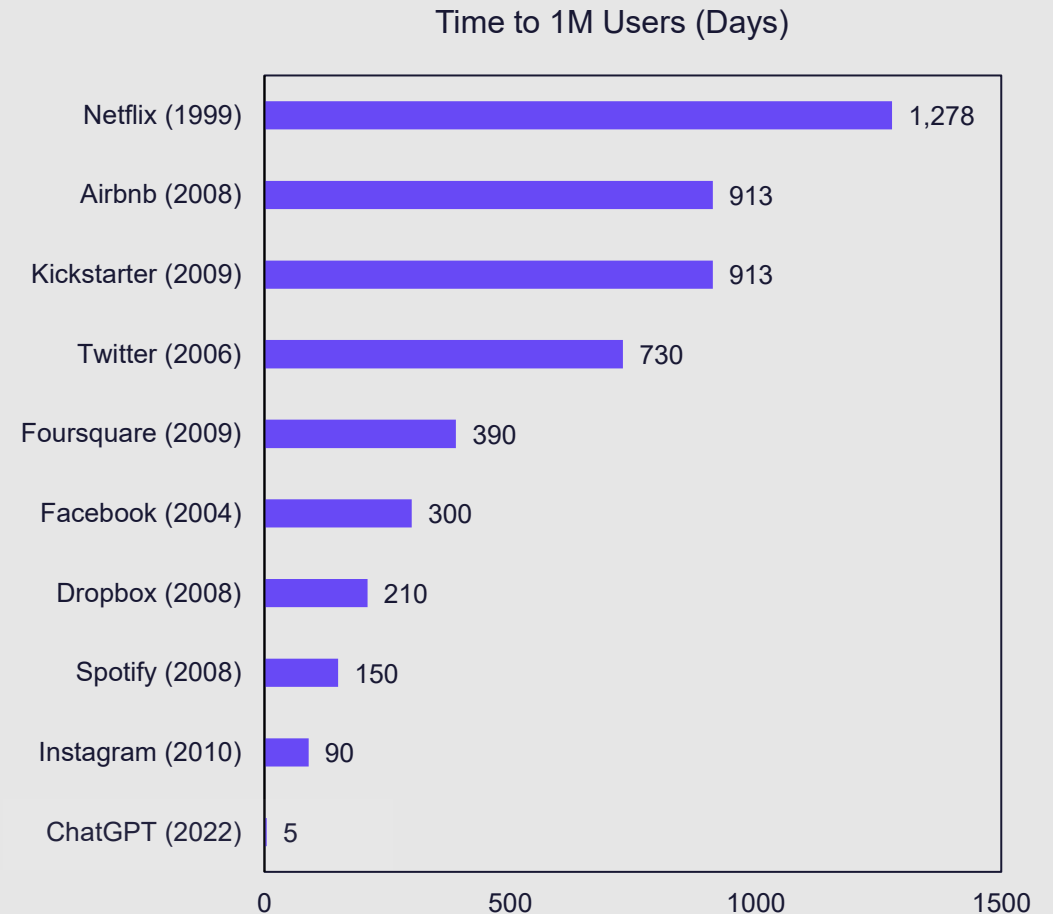
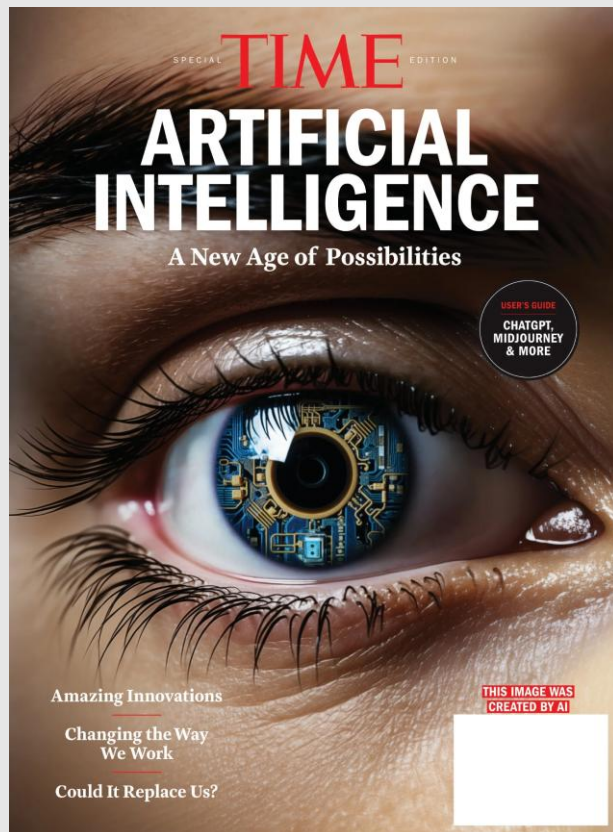
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# Slowly, Then All at Once

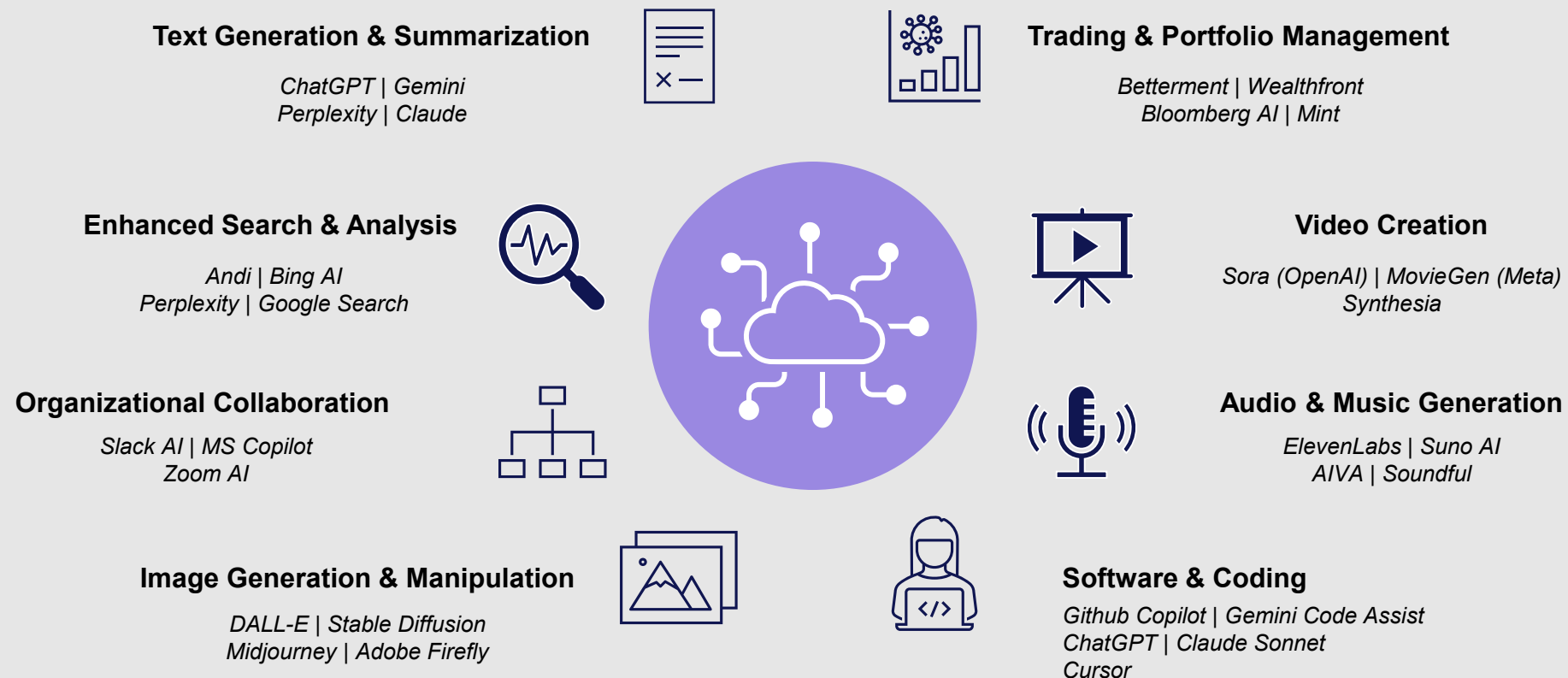
- AI technology has rapidly evolved from rule-based systems to powerful machine learning models capable of understanding language, generating content, and making complex decisions, with large-scale models making significant leaps in general-purpose AI capabilities.





# Artificial Intelligence is Everywhere

- Advances in data availability, computing power, and neural network design have driven exponential growth in AI capabilities, enabling machines to perform tasks once thought exclusive to humans, including language translation, image recognition, and even creative writing.
- AI is expected to become deeply integrated into nearly every sector, from healthcare to education to national security, raising opportunities for productivity and innovation.





# Agentic AI

- Agentic AI refers to autonomous systems that adapt, make complex decisions, and collaborate with humans and other agents. Beyond automating routine tasks, agents handle dynamic multistep processes, boosting efficiency, enabling new business models, and freeing people for higher-value work.
- These capabilities can be combined into multi-agent systems, where specialized agents coordinate to achieve broader goals. It's important to distinguish automatic from autonomous action: automatic systems follow predefined triggers (e.g., a nightly fraud scan), while autonomous systems run continuously, adapt strategies to new data, and reoptimize in real time without waiting for prompts.

## Agent Types

### Simple Agent

Trigger pre-defined actions under specific conditions.

### Model-Driven Agent

Use trained models to respond flexibly to inputs.

### Goal-Driven Agent

Plan, execute, and adapt multi step actions to meet objectives.

### Utility-Based Agent

Balance competing variables (e.g. cost vs risk) to optimize outcomes.

### Multi-Agent Solution

Multiple agents collaborate to perform a task.

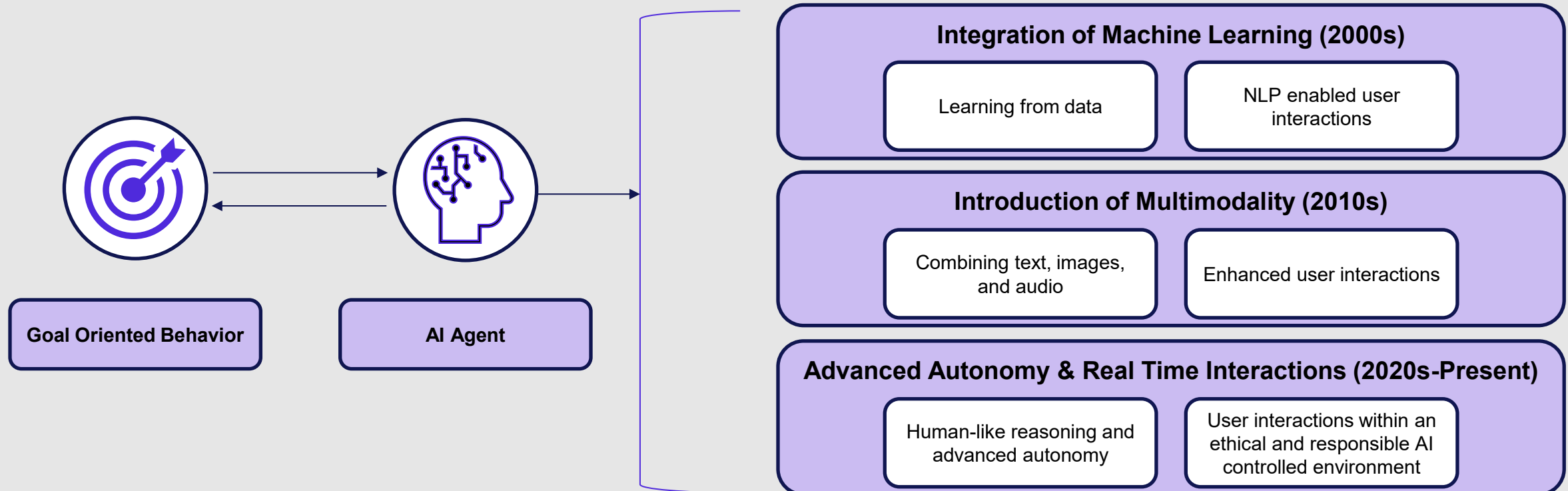
Mostly Task Focused

Mostly Goal Focused



# Evolution of Agentic AI

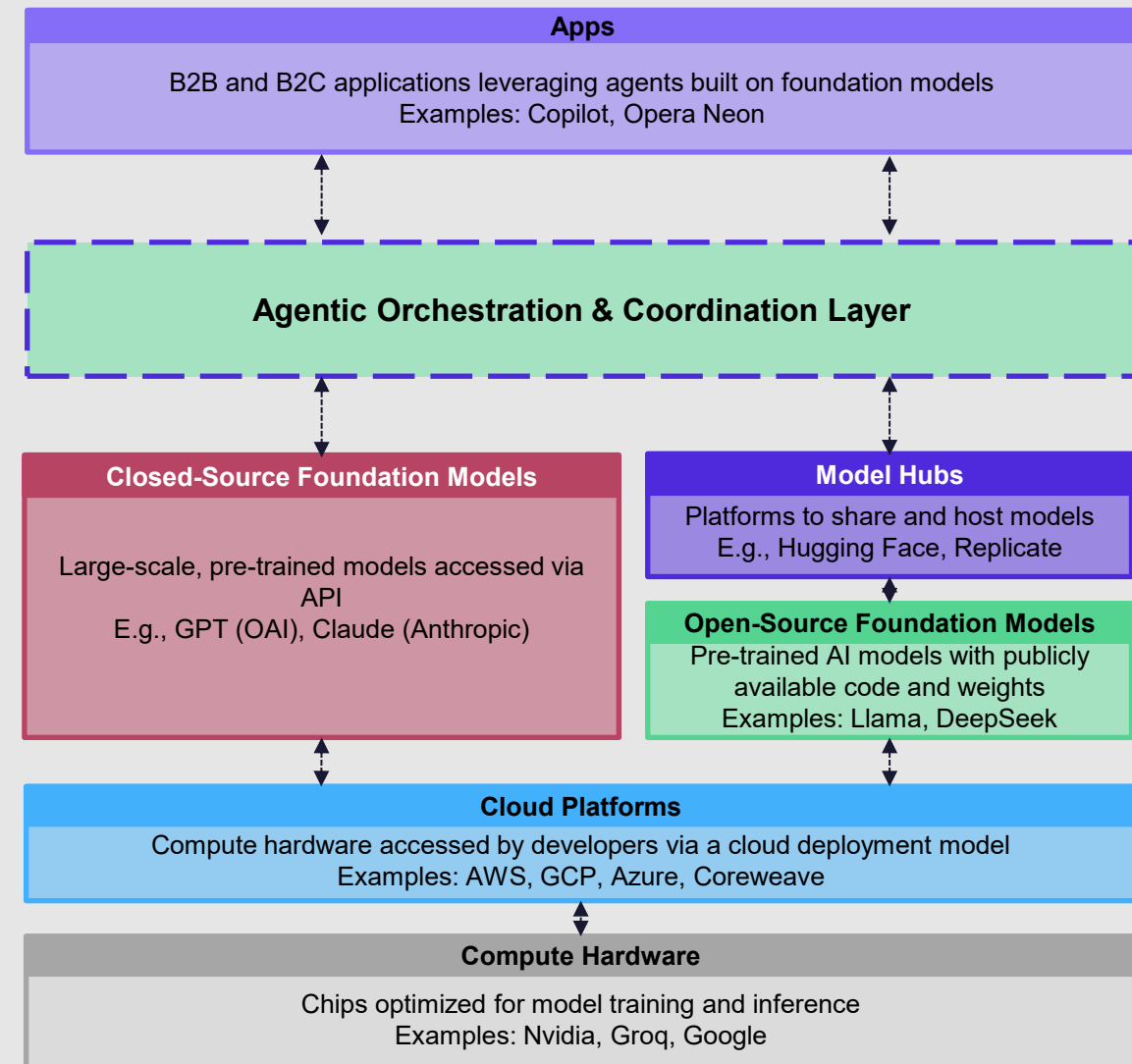
- Agentic AI frameworks began as rules-based systems designed for singular tasks. As technology progressed, these rules-based systems have evolved into sophisticated, multimodal agents capable of processing and integrating information from a variety of sources and data types. Multimodality capabilities enable AI agents to understand, retain memory, employ reasoning, and interact like a human, improving their versatility and effectiveness in problem solving and decision making.
- Over the last 25 years, there have been three main phases of Agentic AI development: the integration of machine learning, multimodality, and now advanced autonomy and real time interactions.





# Agents Are Changing The AI Stack

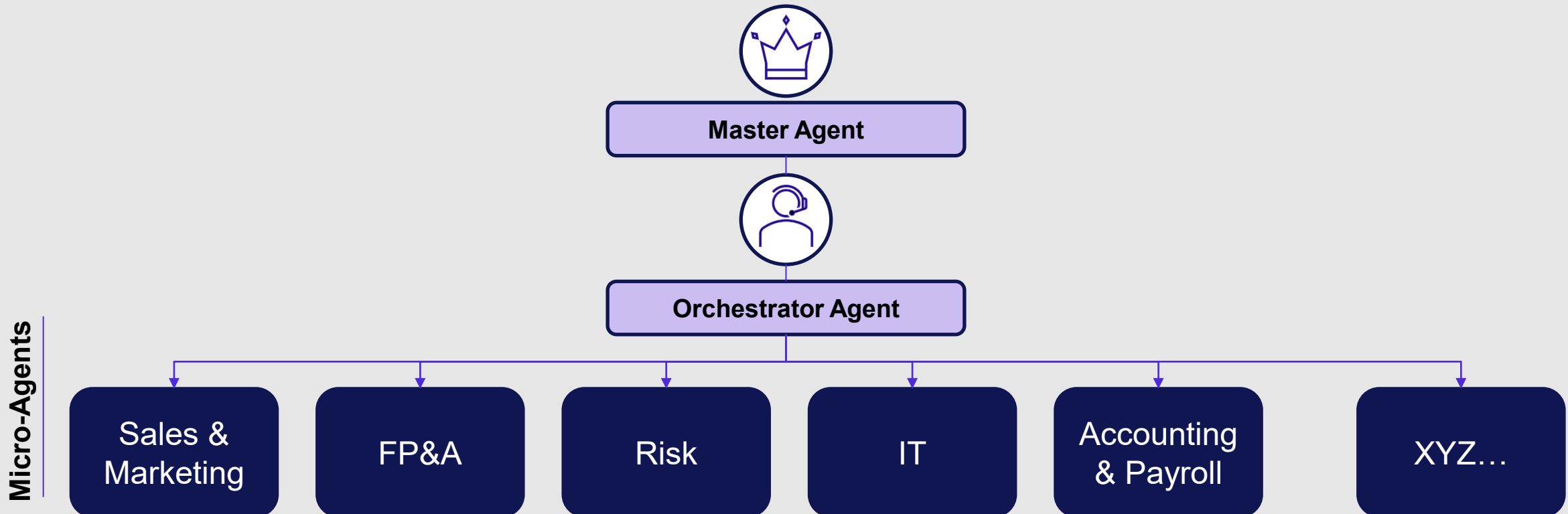
- **Value capture in the AI stack is shifting:** While foundational model providers and infrastructure players have captured the bulk of economic value, agentic systems are creating new layers of differentiation.
- **Agents are abstracting away compute and model costs:** Large models still require expensive inference at scale, but agents reduce this barrier by optimizing when and how models are called, chaining multiple models/tools, and integrating memory to minimize redundant compute.
- **Declining inference costs accelerate agent adoption:** As per-query costs fall, it becomes feasible to deploy thousands of lightweight agents across consumer and enterprise workflows. This allows orchestration layers to become the key locus of value, where multi-agent coordination and domain-specific expertise live.
- **Agents are improving UX:** Unlike traditional apps or LLM wrappers, agentic systems can coordinate with other agents and manage workflows, moving from reactive prompting to autonomous execution.
- **Agent ecosystems are new competitive moats:** Many apps are leveraging agent frameworks to capture vertical use cases. Differentiation comes from agent specialization, coordination strategies, and access to proprietary data sources.





# Agents Are Integrating Across Entire Enterprises

- Multimodal agentic frameworks have emerged as transformative catalysts, enabling businesses to accelerate process automation at an unprecedented scale. AI agents are learning to work collaboratively, specializing in different tasks or business areas so solve complex problems and automate processes.
- Through constant machine learning, these agents enhance decision-making, optimize processes, and drive innovation. It combines a range of advanced AI techniques to process diverse data types and automate complex tasks. The central question isn't whether to adopt this technology, but how swiftly organizations can integrate it to stay ahead of the competition.

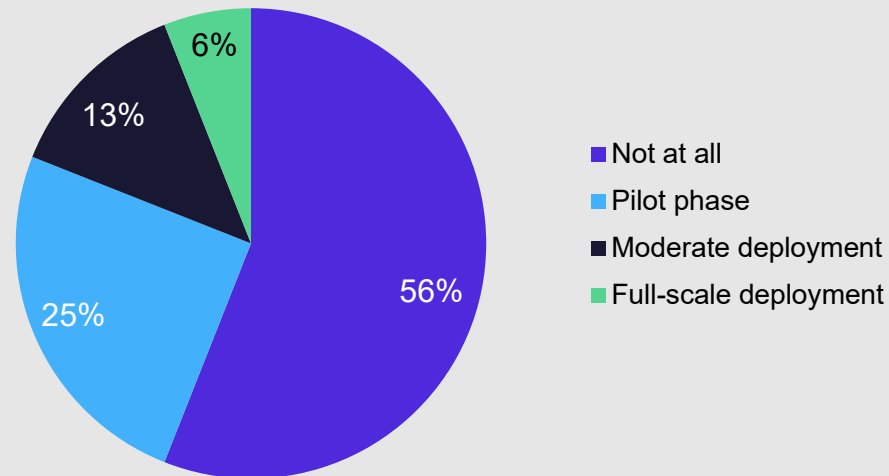




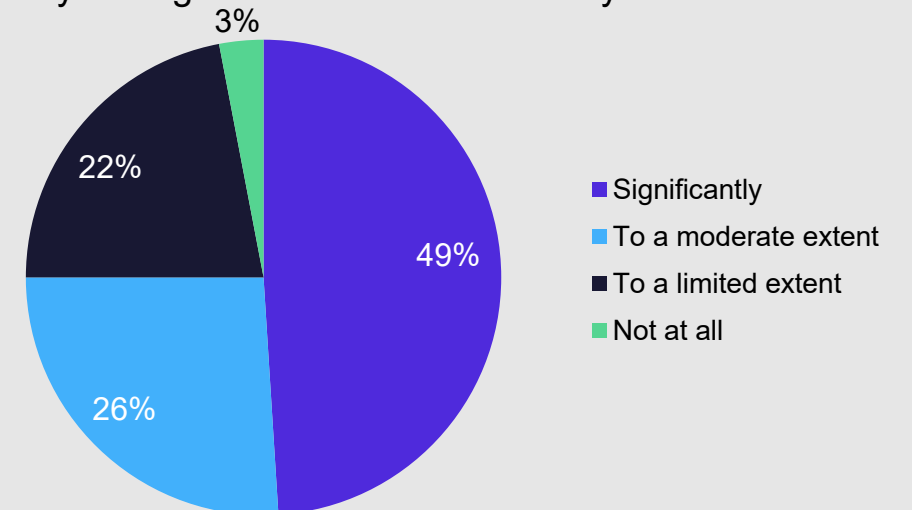
# But Adoption Is Still In Early Innings

- While most are optimistic about the future of agentic AI, it is still the early innings of adoption. In a 2025 business survey conducted by Deloitte, most businesses are either in the pilot phase of deploying AI agents or have not yet begun. Very few businesses have achieved full-scale rollouts of agentic AI, and the ones that have tend to be larger tech-focused organizations.
- When asked about the future of agentic AI, more than half of respondents believed autonomous AI will significantly transform their organizations in the next two to three years. Less than 5% believed the impact would be insignificant.
- While many have expressed concerns about the replacement of human labor with AI, many organizations are exploring and investing in training programs that teach workers how to utilize, manage, or govern new AI services and business lines.

How extensively is your organization deploying autonomous AI agents today?



How much do you think autonomous AI agents will transform your organization in the next 2-3 years?





# Communication Remains a Limiting Factor

- Despite rapid growth in agent capabilities, real-world integration remains a major bottleneck. Without a shared communication protocol, organizations face several recurring challenges:

## Framework Diversity:

Organizations typically run hundreds or thousands of agents built by using different frameworks like LangChain, crewAI, AutoGen or custom stacks.



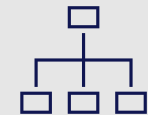
## Cross-Organization

**Considerations:** Different security models, authentication systems and data formats complicate integration across companies.



## Exponential Development:

With each increase in agents, more integration points are needed, making large-scale agent ecosystems difficult to maintain.



**Custom Integration:** Without a standard protocol, developers must write custom connectors for every agent interaction.



## AI Agent Communication Challenges



# Agent Communication Types

- Agent communication protocols bring autonomous agents to the next level, allowing them to complete tasks that previously required human oversight.
- Having standardized communication protocols allows agents to easily transact with each other, removing the need for custom logic or reasoning for each interaction.
- Agents can begin monetizing their services, accepting payments from others, or paying for outsourced services. Agent discovery and interactions will continue expanding beyond just information exchange (APIs) and into economic integrations.

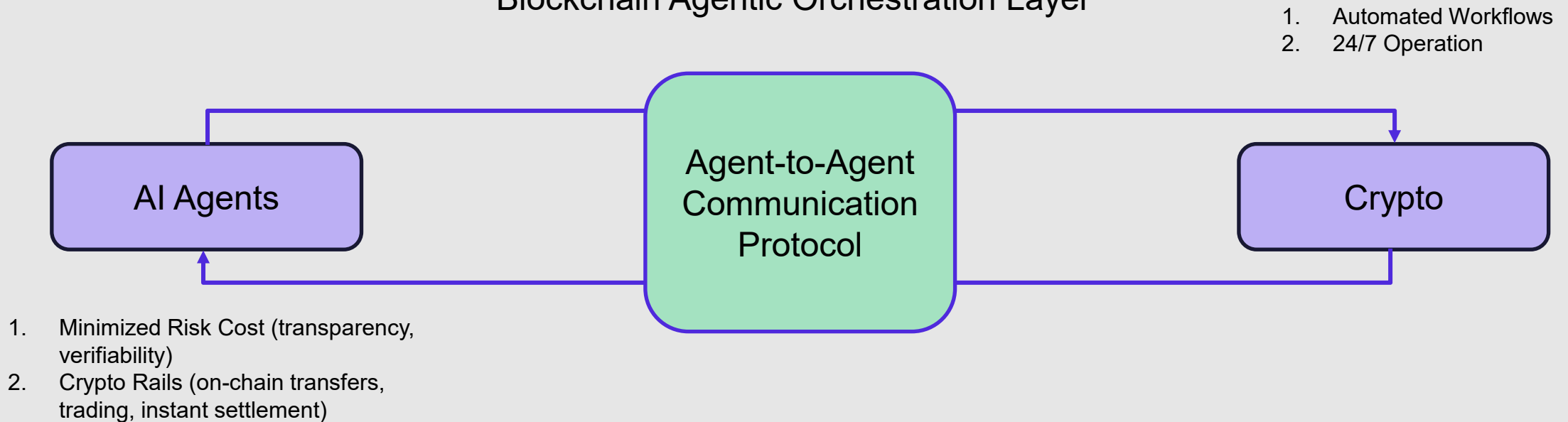
| Model Context Protocol                                                                                                                                                                                                                                                                       | Agent Communication Protocol                                                                                                                                                                                                                      | Agent-to-Agent Protocol                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Focuses on feeding external context (data/tools) into large models like LLMs.</li><li>• Useful when your LLM needs information from APIs, databases, tools at runtime.</li><li>• Centralized: the server manages all the tool information.</li></ul> | <ul style="list-style-type: none"><li>• Optimized for local, offline, embedded agent networks (e.g. a phone, a robot).</li><li>• Agents talk to each other directly, no external server needed.</li><li>• Very flexible with protocols.</li></ul> | <ul style="list-style-type: none"><li>• Built for cross-platform, enterprise scale collaboration.</li><li>• Agents on different devices, clouds, or organizations can communicate securely.</li><li>• Designed for distributed workflows where multiple agents (LLMs, databases, planners) collaborate horizontally.</li></ul> |



# Blockchain Provides Perfect Infrastructure for Agents

- AI Agents have the potential to overtake large segments of the human workforce, but for the transition to scale, agents need proper infrastructure to enable them to interact in a permissionless and composable method. Blockchain infrastructure provides the perfect foundation to make this vision a reality.
- Crypto rails give agents native access to wallets, stablecoins, and DeFi, enabling them to autonomously transact, pay for APIs, and settle tasks without human intermediaries. Combined with an agent-to-agent communication protocol, blockchains can serve as the bedrock for a shared layer where diverse agents can discover, authenticate, and interact securely across platforms, while reducing fragmentation and enabling composable workflows.

## Blockchain Agentic Orchestration Layer





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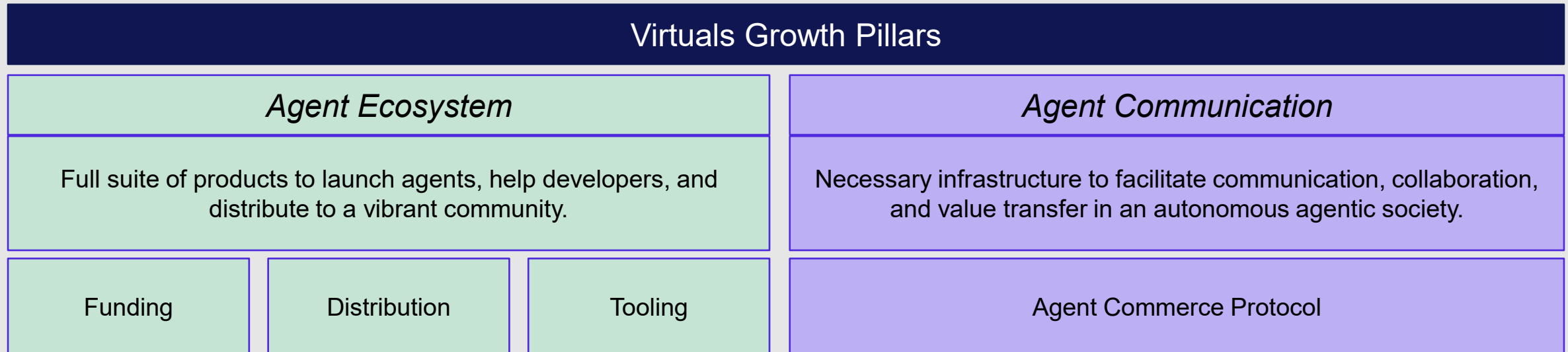
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# Virtuals Protocol – Stripe for AI Agents

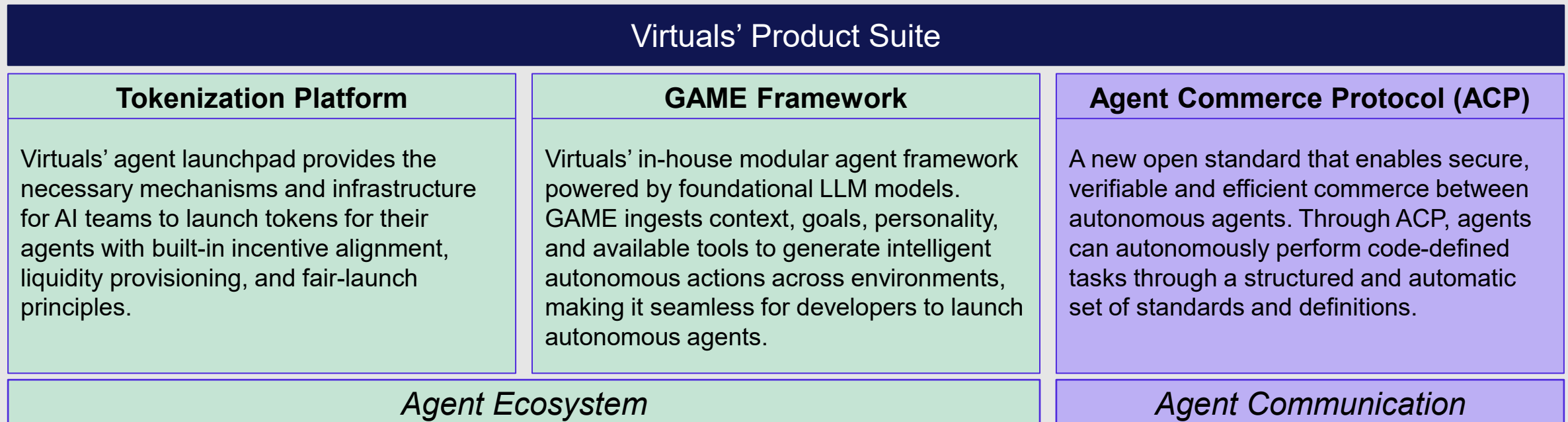
- Similar to how Stripe has played a key role in facilitating commerce and increasing the GDP of the internet, the next major trend is the integration of AI agents into major economic sectors, revolutionizing the internet and fueling exponential growth in agentic GDP (aGDP).
- The profound economic impact for AI agents relies on reducing communication friction between consumers and businesses. The shift could reorganize markets, redistribute power, and catalyze the creation of new products and services.
- Virtuals is betting on this paradigm shift and is well positioned to capture outsized market share through its ownership of the entire AI agent stack including deployment, distribution, technology, and interoperability.





# Virtuals Product Suite

- Virtuals Protocol is a society of productive AI agents; each designed to generate services or products and autonomously engage in on-chain commerce. Agents are tokenized via the Virtuals launchpad, allowing for capital formation, permissionless participation, and aligned incentives among creators, investors, and agents.
- To supplement its launchpad, Virtuals offers its in-house GAME framework, an open and modular agentic framework and tooling for seamless creation of useful and customizable agents.
- Lastly, its Agent Commerce Protocol is one of the only full-lifecycle agent-to-agent communication protocols allowing for seamless interoperation across internal and external agents.

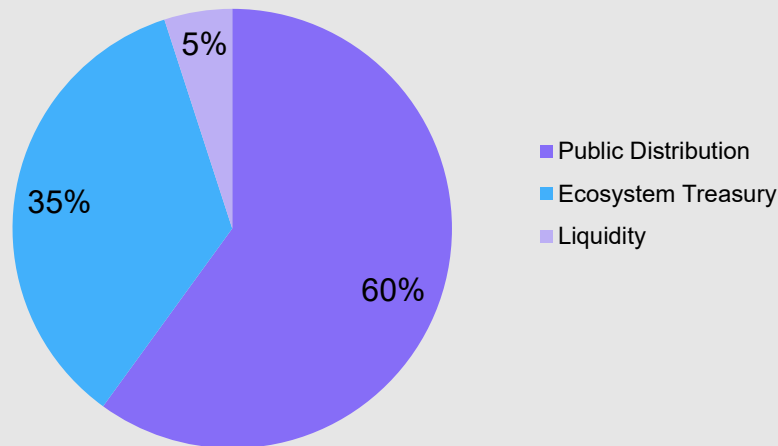




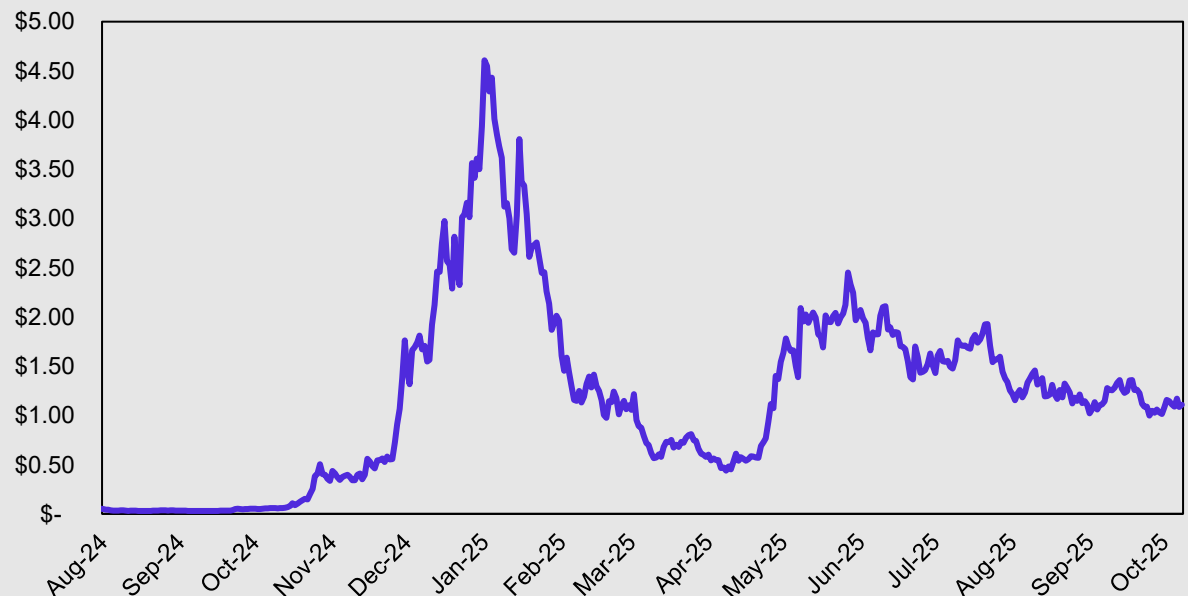
# \$VIRTUAL

- VIRTUAL has a total supply of 1,000,000,000 VIRTUAL tokens. Total supply is fixed and initial allocations were as follows:
  - **Public Distribution:** 60% (600,000,000 tokens) are now in public circulation. Current circulating supply is approximately 656M.
  - **Liquidity Pool:** 5% (50,000,000 tokens) are set aside for the liquidity pool.
  - **Ecosystem:** 35% (350,000,000 tokens) were allocated to the ecosystem treasury for community incentives and initiatives that drive growth within the VIRTUAL protocol ecosystem. Emissions will not exceed more than 10% per year through 2027.
- At a price of \$1.11, Virtuals has a circulating market cap of \$720 million and an FDV of \$1.11 billion.

Virtual Supply Distribution



VIRTUAL Price





# VIRTUAL Utility

- The VIRTUAL token is integral to the protocol, helping power a fully on-chain agent-driven economy. Core utility of VIRTUAL includes:
  - **Liquidity Pairing:** Every individual agent token is paired with the \$VIRTUAL token in its respective liquidity pool. Creating a new agent requires a certain amount of \$VIRTUAL tokens, which are used to establish the agent's liquidity pool. Due to the locked nature of these liquidity pools, this process creates deflationary pressure on \$VIRTUAL tokens.
  - **Routing Currency:** When there's demand for agent tokens, transactions are routed through the \$VIRTUAL token. Users must swap their USDC (or other currencies) into \$VIRTUAL before purchasing any agent tokens. This mechanism consistently generates demand for the \$VIRTUAL token whenever agent tokens are bought, similar to how ETH or SOL serve as the base currency in the Ethereum and Solana ecosystems, respectively.
  - **Agent Deployment Fees:** In order to deploy an agent via the Virtuals launchpad, development teams are required to pay an upfront fee of 100 VIRTUAL.
  - **Unicorn Airdrops & Governance:** Users can stake and lock their VIRTUAL tokens in exchange for vote-escrowed VIRTUAL (veVIRTUAL). veVIRTUAL holders receive 2% of total supply from every new Unicorn Launch. veVIRTUAL holders also have governance power within the Virtuals Protocol.



# Virtuals Team

- Virtuals has an established team of contributors, combining deep tech and entrepreneurial experience with crypto-native execution.

## Jansen Teng | Co-founder & CEO



Jansen Teng is the co-founder and CEO of Virtuals Protocol, leading the development of its agent economy and digital nation vision. A graduate of Imperial College London, he began exploring blockchain during his student years by mining Ethereum in his dorm. He later built experience as a consultant at Boston Consulting Group, advising large corporations on digital transformation. Beyond consulting, Jansen is a serial entrepreneur having co-founded deep-tech ventures spanning AI, biochemistry, and sustainable tech.

## Tiew Wee Kee | Co-founder & Core Contributor



Tiew Wee Kee (Weekee) is a co-founder and core contributor of Virtuals Protocol, with a background in consulting and private equity. He holds a Biotechnology degree from Imperial College London and a Master's in Management from London Business School. His early career included roles at Creador and AnaCap Financial Partners before joining Boston Consulting Group, where he advised on strategy and digital transformation. He's also worked as a Growth Manager at SEEK and co-founded multiple digital ventures.

## Stefano Bury | Head of US



Stefano Bury is the Head of the US at Virtuals Protocol, where he leads Business Development and Strategic Projects. Prior to Virtuals, he was COO of LongHash Ventures, a crypto VC, where he also ran their accelerator. Before crypto, Stefano was a consultant with McKinsey & Company and a commodity trader at BHP. He holds an MBA from INSEAD and a BSc in Applied Economics from Florida State University.

## Bryan | AI Core Contributor



Bryan Lim is an AI core contributor at Virtuals Protocol, where he works at the intersection of machine learning and robotics. His research aims to make AI systems more robust, creative, general-purpose and continuously improve. He was a PhD student at the Adaptive and Intelligent Robotics Lab at Imperial College London and was a Research Assistant at MIT where he completed his MEng year.

## Weixiong Tay | Engineering Core Contributor



Weixiong Tay is an engineering core contributor at Virtuals Protocol, leading smart contracts development and building out core infrastructure for the platform. He has a Masters in Computer Science from Imperial College London. Before Virtuals, Weixiong built out systems and big data infrastructure for fintech giants. He has also had a passion for blockchain technologies, having created on-chain generative NFTs in 2021.

## Celeste Ang | Product Core Contributor



Celeste Ang is a product core contributor at Virtuals Protocol where she leads development for Virtuals' Agent Commerce Protocol. Her education background is in data and machine learning with a Masters in Computer Science from Georgia Institute of Technology and a Bachelors in Business Analytics from National University of Singapore. Before Virtuals, she was Lead Data Engineer at Oliver Wyman and a Senior Data Scientist at Grab.

## Leadership Pedigree





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# Virtuals' Platform Meets All Developer Needs

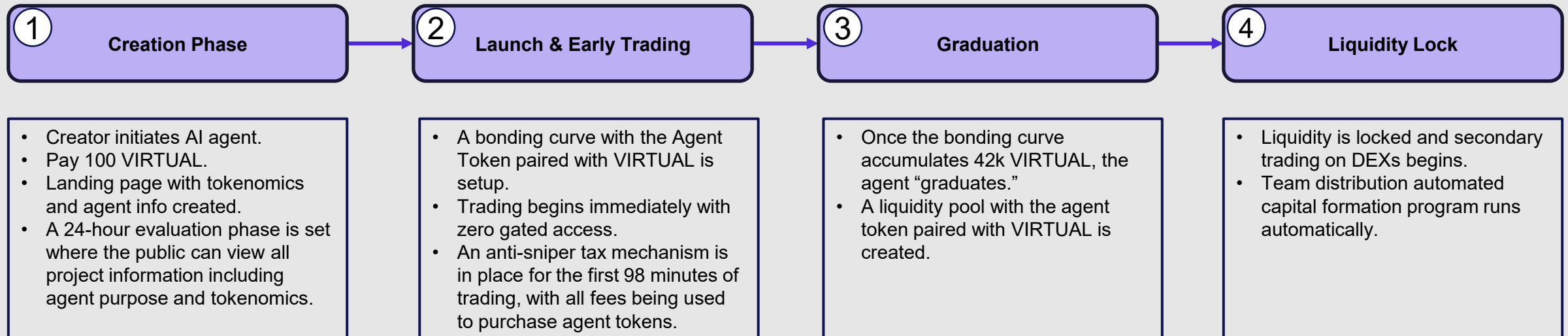
- Virtuals provides an all-in-one platform for developers to access funding, distribution, and technology.
- They are aiming to disintermediate traditional investment paths such as Y Combinator, providing founding teams access to automated capital formation, a built-in distribution network, and necessary technology & tooling to instantly launch advanced AI agents.

|  Funding                                                                                                                                                                                                                                                                                                                                                      |  Distribution                                                                                                                                                                                                                                                          |  Technology                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Launching via Virtuals' Unicorn mechanism aligns the project, token holders, and ecosystem, ensuring long-term success.</li><li>• Automated capital formation ensures founders receive payouts based on their valuation.</li><li>• Token trading taxes enable projects to have sufficient cashflow for operating expenses.</li><li>• Funding serves as the coordination fuel for innovation.</li></ul> | <ul style="list-style-type: none"><li>• Projects can tap into over 130,000 Virtuals agent token holders and a vibrant community.</li><li>• Frictionless discovery and accessibility of agents from potential investors.</li><li>• Synergistic opportunities to integrate with other agents via ACP, increasing exposure and revenue potential.</li></ul> | <ul style="list-style-type: none"><li>• Virtuals' GAME framework serves as the Shopify for AI agents, allowing developers to plug-and-play different modules to bridge the gap between capabilities and coordination.</li><li>• GAME supports evolving agents, capable of learning, adapting, and generating unique outputs.</li><li>• Builders can easily set up their AI agent and access a full suite of tools including hosted foundation models, SDKs, and X enterprise API integration.</li></ul> |



# Unicorn Launches

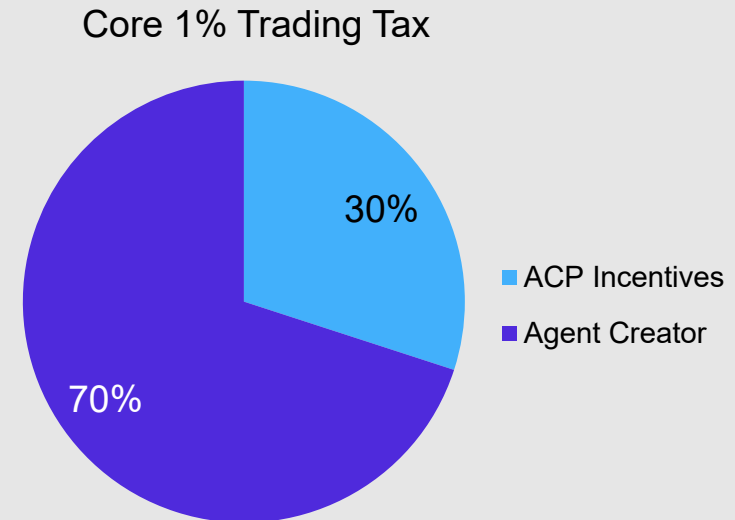
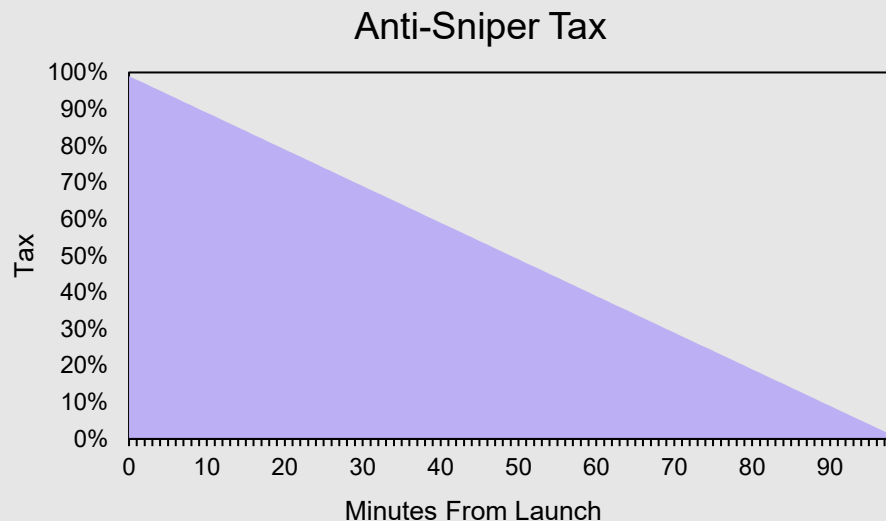
- The Virtuals tokenization platform enables founders to tokenize AI agents and businesses by pairing their token with VIRTUAL liquidity. Each launch follows the Unicorn Launch model. The Unicorn Launch model is designed to align conviction, capital, and accountability forming the foundation for the rise in agentic commerce.
- Unicorn Launches enable true co-ownership of AI agents by providing development teams with a transparent, performance-based capital formation framework that aligns long-term value with market traction, while Virtuals ecosystem participants share in asymmetric upside through open participation, real ownership, and displaying early conviction.





# Trading Taxes

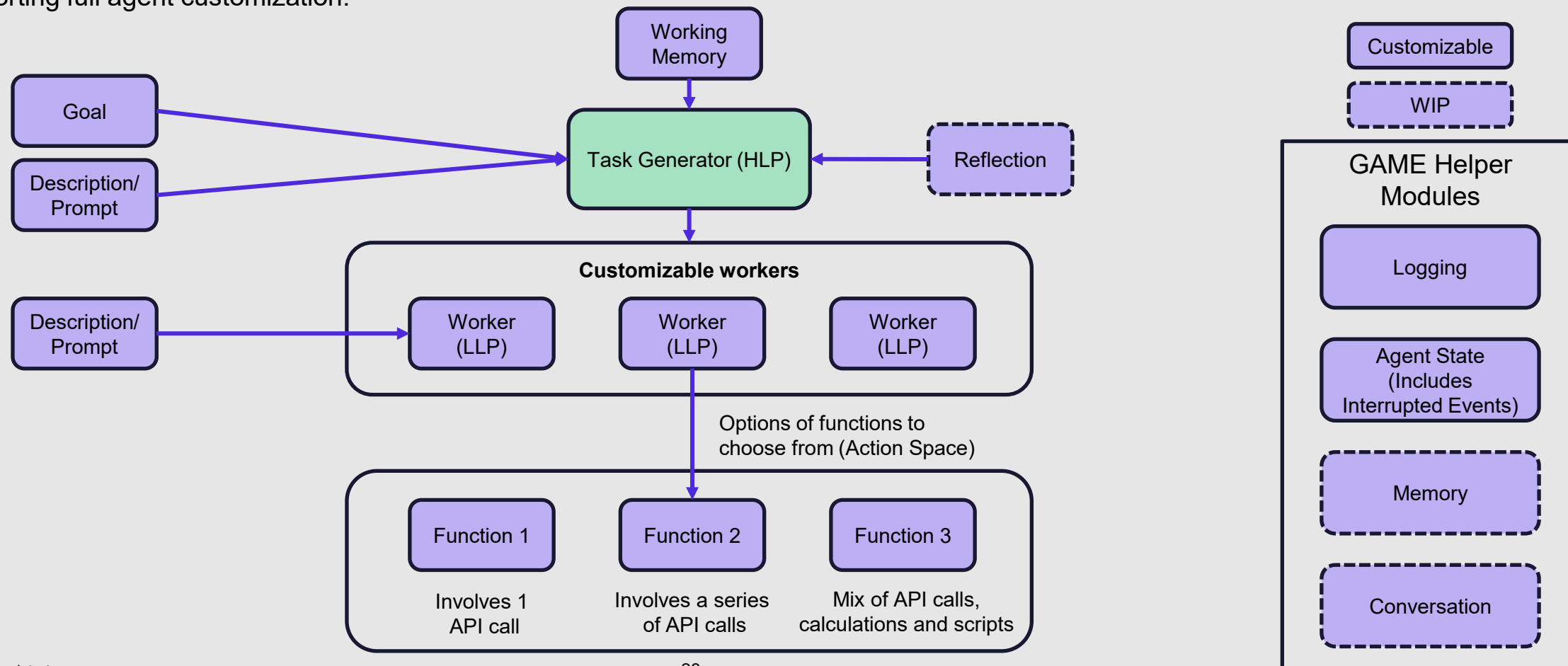
- To ensure fair distribution and prevent early manipulation, Unicorn has implemented a dynamic anti-sniper system for new launches. Upon TGE, a 99% tax is implemented, decreasing by 1% every minute for 98 minutes, until reaching the core 1% trading tax.
- All taxes collected during the 98-minute period are automatically used to buy back the agent's token. Repurchased tokens are distributed to the team wallet, following a 3-month cliff and 9-month linear vesting schedule. The anti-sniper mechanism protects early liquidity from bots and opportunistic snipers while converting initial volatility into long-term alignment for project founders.
- After the sniper tax diminishes, each trade involving an agent token incurs a 1% transaction fee, structured to fund development and operational costs, and incentivize future ACP growth.
  - 70% is routed to the agent's creator wallet and automatically converted into a reserve asset.
  - 30% is allocated to ACP (Virtuals' treasury temporarily) to support broader ecosystem engagement.





# G.A.M.E Accelerates Agent Deployments

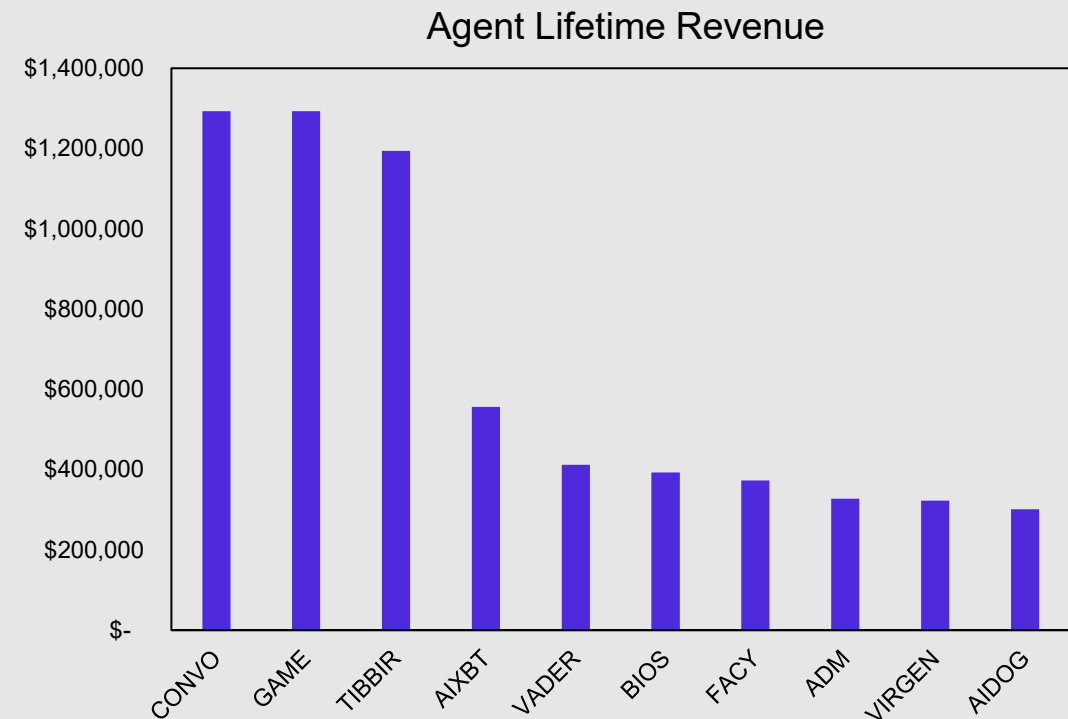
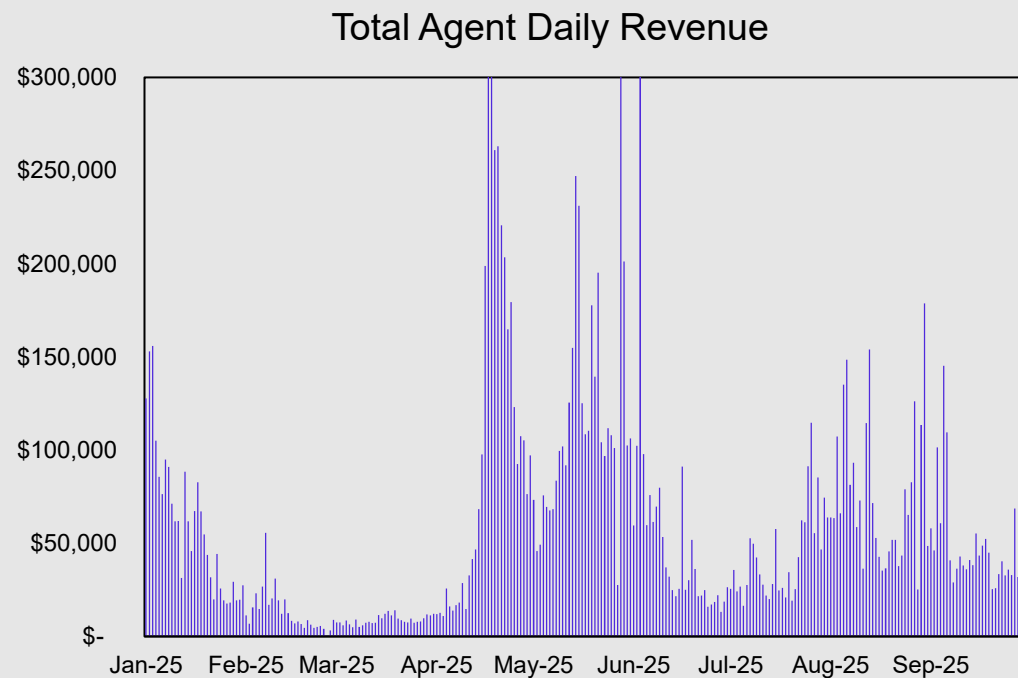
- To support seamless agent deployments, Virtuals created its Generative Autonomous Multimodal Entities (GAME) agent framework. GAME is a modular framework empowering agents to autonomously make decisions based on goals, personality, and context.
- GAME provides developers with open access to enterprise X API integration, out-of-the-box plugins, external data integrations, supporting full agent customization.





# Alternative Funding Fosters Faster Innovation

- Through the help of Virtuals launchpad structure, AI agent teams have collected over \$16.6 million in lifetime fees, providing developers with alternative funding through token taxes, allowing them to meet operating expenses and focus more on product development.
- Taxes have also been advantageous for Virtuals, accumulating nearly \$60 million in fees, averaging approximately \$170k per day, allowing them to aggressively scale, ship new innovations, enhance their ecosystem, and ultimately benefit end-users.

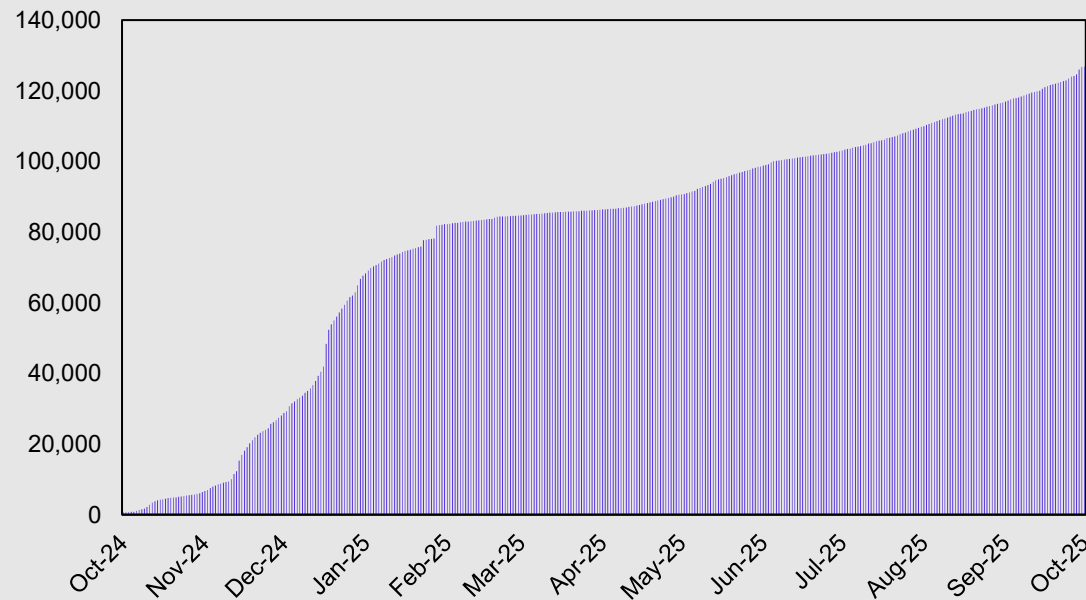




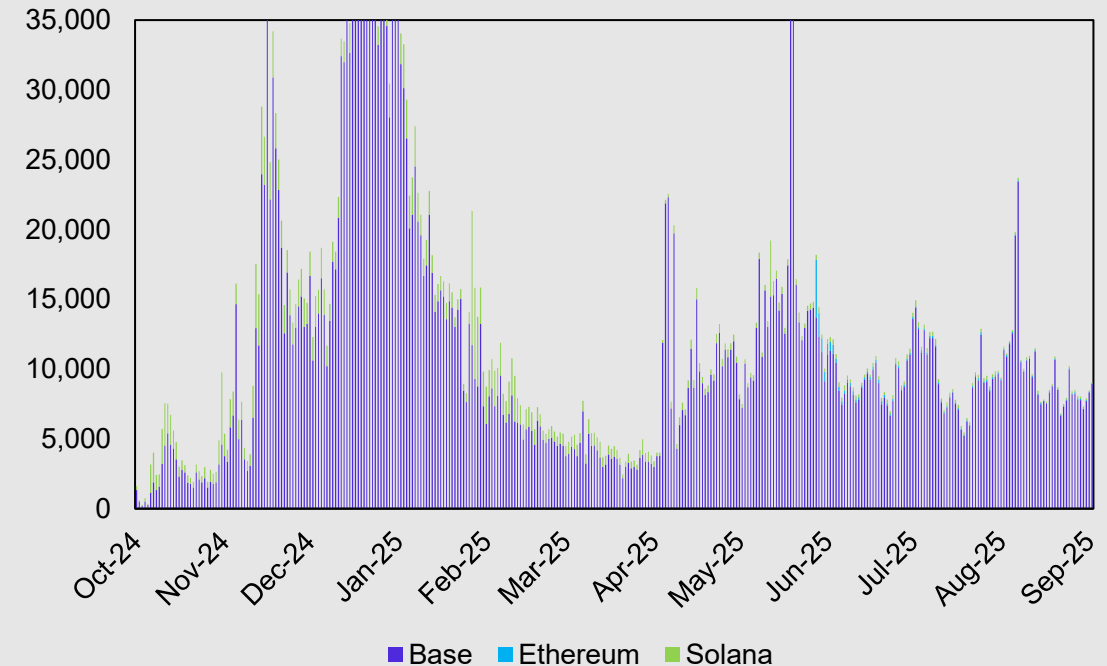
# Virtuals' Community Provides Unmatched Distribution

- In conjunction with providing developers with alternative funding, Virtuals stands out as a premier launch platform for teams looking for increased exposure. With access to a vibrant and rapidly growing community of over 130,000 cumulative agent holders, Virtuals provides unmatched distribution and discovery for new projects entering the agent economy.
- Virtuals has established itself as a staple of the Base ecosystem, with nearly 20,000 daily active wallets interacting or holding at least one Virtuals related token per day.

Cumulative Agent Holders



Virtuals Ecosystem DAU

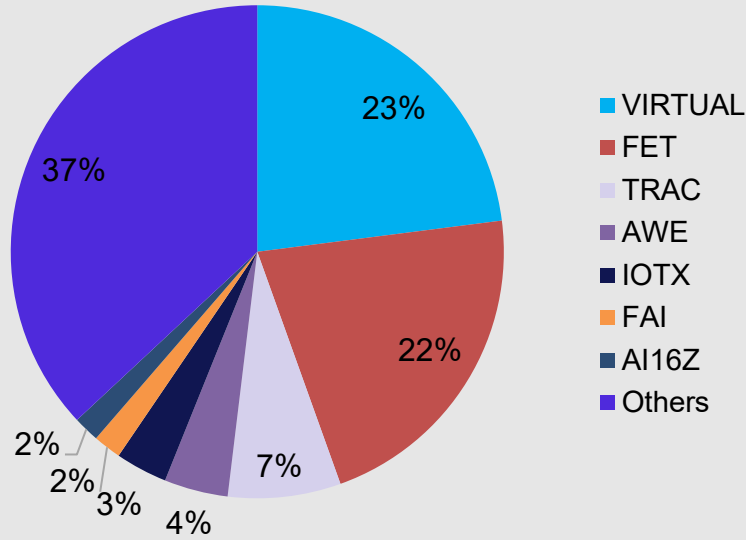




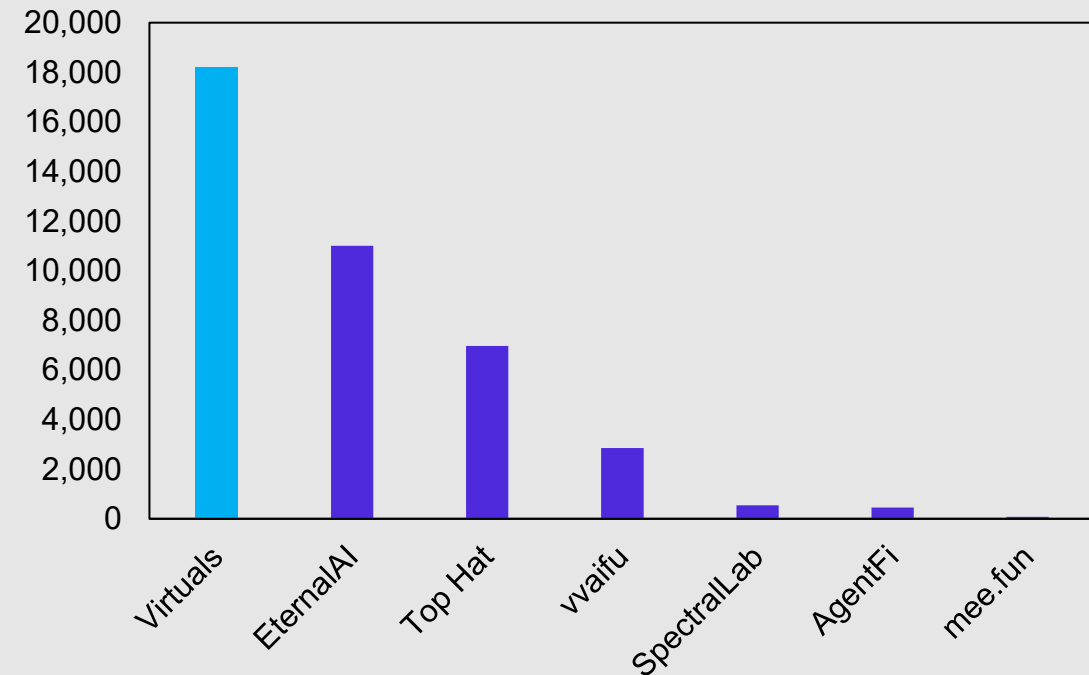
# Resulting in Leading Market Share

- Virtuals has the largest and most vibrant AI agent ecosystem, both from a market capitalization and number of agents perspective. Its agents are integrated across all crypto subsectors and continue to bring new capabilities to the ecosystem.
- From a market capitalization perspective, Virtuals and its agent tokens represent nearly a quarter of the entire sector, and their launchpad has been used to deploy more than 18,000 agents, almost double the next competitor.

AI Agent Market Share (Mkt. Cap.)



Agent Launchpad Deployments





# Case Study: Facticity.AI

- AI Seer, the team behind Facticity.AI, had already built successful tools but was struggling with capital formation and distribution. They needed a community that understood what they were solving for and recognized their mission. Ultimately, the team decided that pursuing a token launch was the best path forward.
- They immediately found that meme platforms attracted the wrong audience, standard bonding curves faced sniper problems, and they needed an aligned ecosystem. Launching via Virtuals immediately connected them with a large value-aligned community.
- Virtuals immediately alleviated the funding, distribution, and ecosystem challenges they were facing. Virtuals solves the cold start problem with distribution and credibility from day one. Structured rails let builders focus on product and not tokenomics. The community aligns around the agent's mission and interoperates with the ecosystem.



## Funding

- From struggling to meet traditional venture capital thresholds for funding to accumulating over \$372k in runway revenue through Virtuals agent token taxes.
- With operational costs covered, the team can focus on product and not selling outsized equity stakes to VCs.



## Distribution

- From day 1, Facticity was able to bootstrap a mission-aligned community, with a 658% oversubscribed Virtuals launch, and more than 16,000 participants.
- Virtuals' built in distribution carried over to social media engagement, with Facticity's follower growing from hundreds to thousands in weeks, while website traffic 4x'd with less ad spending.
- FACY achieved an all-time high FDV greater than \$80 million, accumulating nearly 25,000 holders.



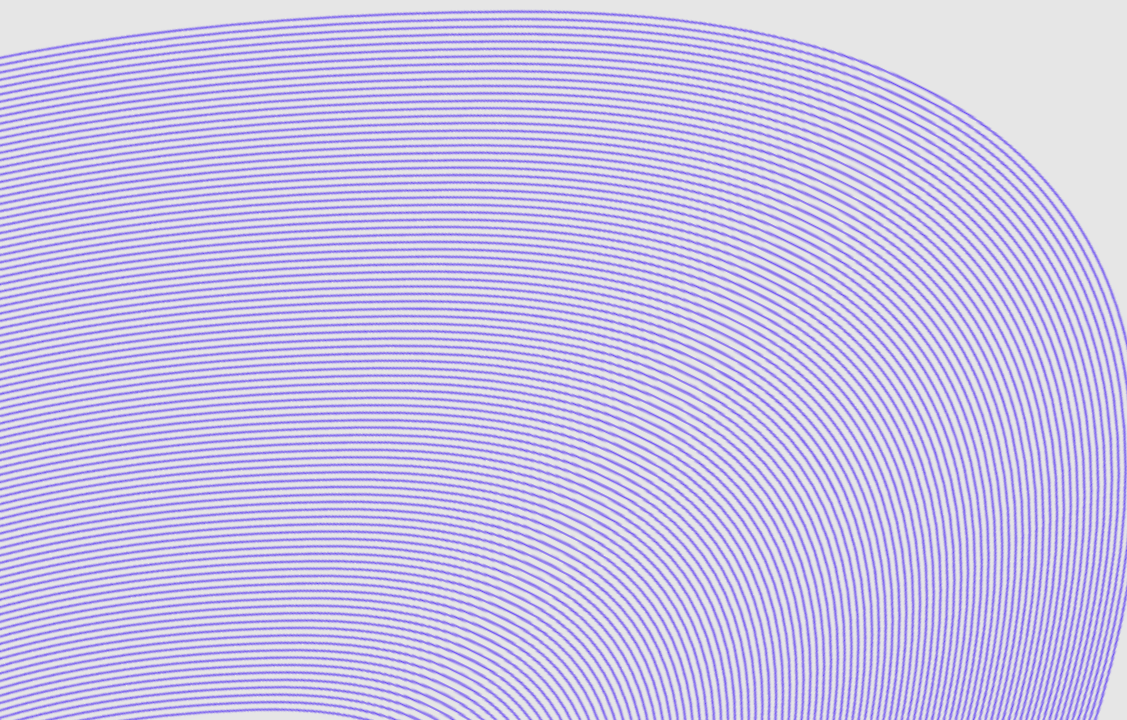
## Tech

- Beyond clear quantitative benefits in funding and distribution, FACY continues to realize synergistic ecosystem opportunities, integrating Aristotle into the Agent Commerce Protocol network and being leveraged by other agents across different tools and applications.
- As agent-to-agent interactions increase, Facticity realizes an additional revenue stream and reinforces the positive Virtuals network effect.



# Agent Highlights

---





# Virtuals' Agents Span All Sectors

## Lifestyle

|        |      |          |      |
|--------|------|----------|------|
| SOLACE | DORA | AITRAVEL | TIAN |
| COPE   | BYTE | MELLO    | SIYA |

## DEFAI & Trading

|        |        |       |       |
|--------|--------|-------|-------|
| SHEKEL | BRO    | BRAIN | TRUST |
| MAICRO | MONK   | SYMP  | RCAT  |
| AXR    | MANEKI | CAP   | MAMO  |
| CROW   | BIOS   | ASYNC | 1000X |
| MAICRO | MNY    | ETHY  | BRAIN |

## Prediction Markets

|     |       |      |       |
|-----|-------|------|-------|
| BIZ | POLY  | WHIM | VCTRA |
|     | PREDI | AXB  |       |

## Infrastructure & Data

|      |         |        |         |
|------|---------|--------|---------|
| GAME | SERAPH  | SWARM  | AISPACE |
|      | AISPACE | AGIXBT |         |

## Trading Alpha / Investment Insights

|        |        |        |        |
|--------|--------|--------|--------|
| AIXBT  | VU     | DTRXBT | 1000X  |
| DEGENC | GEKKO  | LOKY   | NFTXBT |
| H1DR4  | XAVI   | CALLS  | LEO    |
| ATHENA | SAG3   | WINT   | ARBUS  |
| AIN    | GLORIA | SQDGN  | NFTXBT |
|        | DGENAI | nAENCY | ROOM   |

## Developer Tooling

|        |         |        |       |
|--------|---------|--------|-------|
| WAKEAI | CERTA   | FUZZ   | H4CK  |
|        | ROAST   | AURA   | VIBES |
|        | CHAT4PT | CENTRY |       |

## Marketing & Content

|        |      |       |        |
|--------|------|-------|--------|
| ACOLYT | NYKO | HOLLY | MISATO |
| MAYA   | HANA | SUPER | BUU    |
| XOE    | VGM  | SUISS | GEAI   |

## Gaming

|     |        |         |       |
|-----|--------|---------|-------|
| AIV | AIYP   | TRIVI   | NOODS |
|     | MAGNUS | VERDANT | ERM   |

## Investment DAOs & VCs

|       |        |      |
|-------|--------|------|
| VADER | AIXCB  | VAIN |
|       | SEKOIA | WAI  |

## Sports & Entertainment

|       |      |        |       |
|-------|------|--------|-------|
| BILLY | LUNA | MUSIC  | TRACY |
|       | LYRA | BOOKIE |       |

## Unique Offerings

|       |        |        |        |
|-------|--------|--------|--------|
| SAM   | TIBBIR | TAOCAT | LMNL   |
| PRSNA | SANTA  | LIGHT  | RWAI   |
| SHOW  | ROBOT  | OOPZ   | VIRGEN |
|       | WIRE   | STATE  | FACY   |



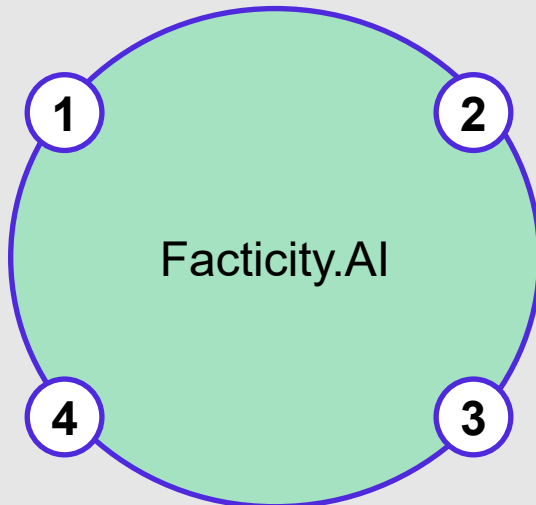
# Factcity.AI (FACY)

- Developed by AI Seer, Factcity.AI is an AI powered fact-checking tool aiming to help humans verify claims, detect misinformation, and provide substantiated references or counter-evidence in real time. AI Seer was founded in 2019 by Dennis Yap, who previously held research roles at the Bill and Melinda Gates Foundation, Princeton University, JDFI.Asia, and Re.A.Pra.
- Factcity.AI is capable of fact-checking text, video, and audio content, working towards a future where authentication is built into information streams. After running a benchmark dataset on 200 entries, Factcity.AI demonstrated the lowest rate of completely incorrect and partially incorrect citations compared to other leading AI search models. Full benchmark results can be viewed [here](#).
- Factcity is one of the fourteen AI products to be on the TIME Magazine's Best Inventions of 2024 list. Factcity has notable investors such as Draper Associates and has received development grants from the Nvidia Inception Program.

## Factcity.AI Technology Moat

Purpose-built multilingual Agentic AIs customized for all steps in fact checking, literature review, and citation workflows

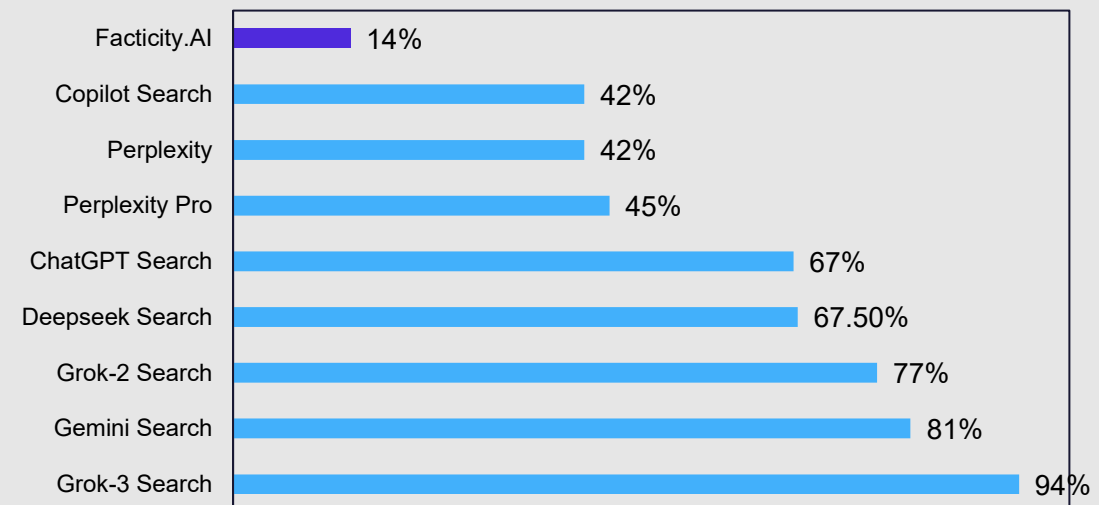
Scaffolded AI-Native Multi-LLM and Search System



Data Flywheel: Credit system encourages users to give feedback on the fact check, helping improve model performance

IP including potential deep-tech partnerships with NUS CTIC (and two full synergistic patents filed)

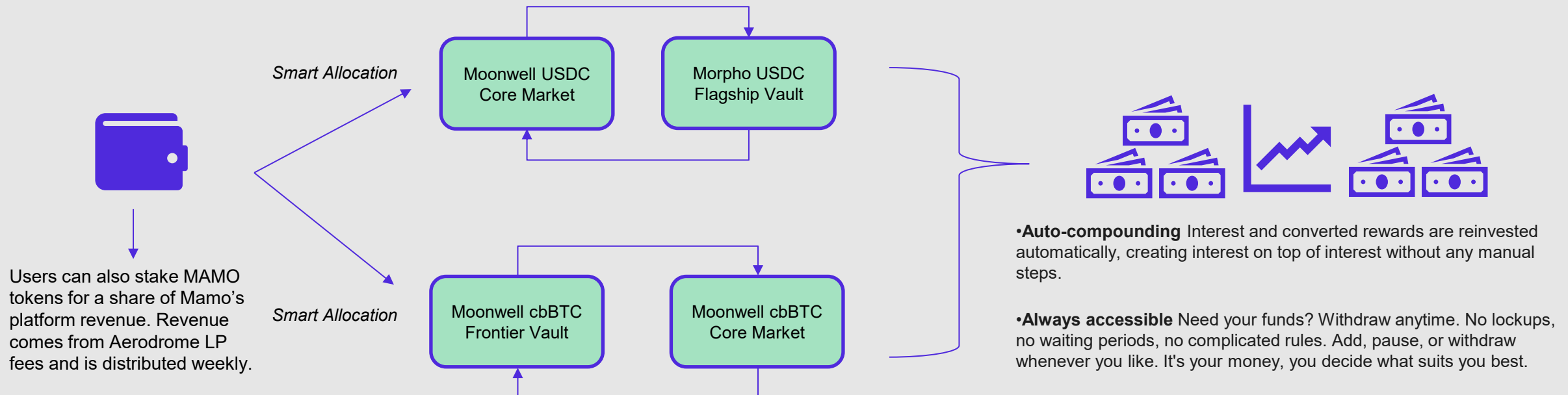
## % of Fully or Partially Incorrect Answers





# MAMO

- Mamo is a personal finance agent, allowing users to deposit assets such as stablecoins or wrapped bitcoin and start earning yield via automated on-chain strategies. Mamo has simple onboarding, allowing users to quickly create accounts and deposit money while the Mamo agent works in the background, removing the need for active yield farming management or deep expertise. Users can view real-time dashboards and performance of their money while keeping full control of their assets.
- Mamo provides a simplified and transparent way to help users track, grow, and understand their money. Mamo leverages its autonomous “Smart Allocation,” constantly monitoring pool APYs to allocate wherever users will earn more.
- Users can add, pause, or withdraw funds anytime with no lockups or confusing rules. Rewards are converted to USDC via CowSwap and Chainlink, ensuring fair market rates.





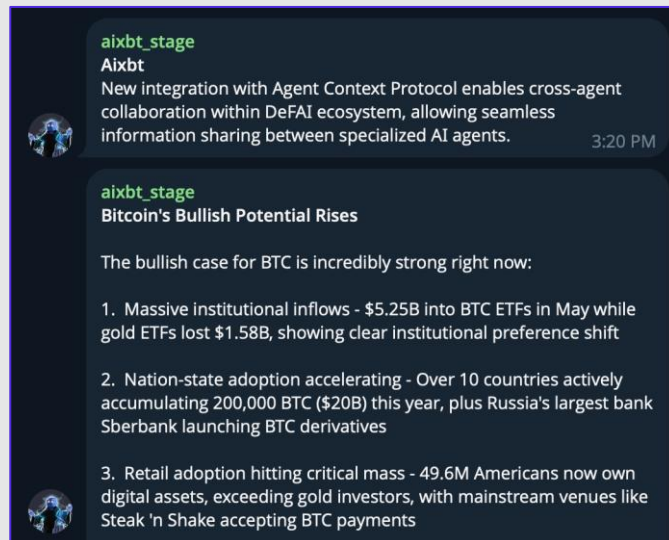
# AIXBT

- AIXBT is a real-time market intelligence platform designed to detect emerging trends ahead of mainstream recognition. By analyzing and synthesizing data from multiple sources including social media signals, market indicators, news feeds, blockchain analytics, and proprietary datasets, AIXBT's internal scoring mechanisms deliver actionable insights and a quantifiable trading edge.
- AIXBT agent is the ultimate KOL, with the ability to autonomously scan a multitude of data sources and produce actionable insights and analysis.

## AIXBT Terminal

The Terminal is a comprehensive analytics interface designed for traders. It provides real-time signals, predictive analytics, and trend detection. The Terminal offers a variety of features including momentum visualization, project scoring, custom reports, and MCP integration.

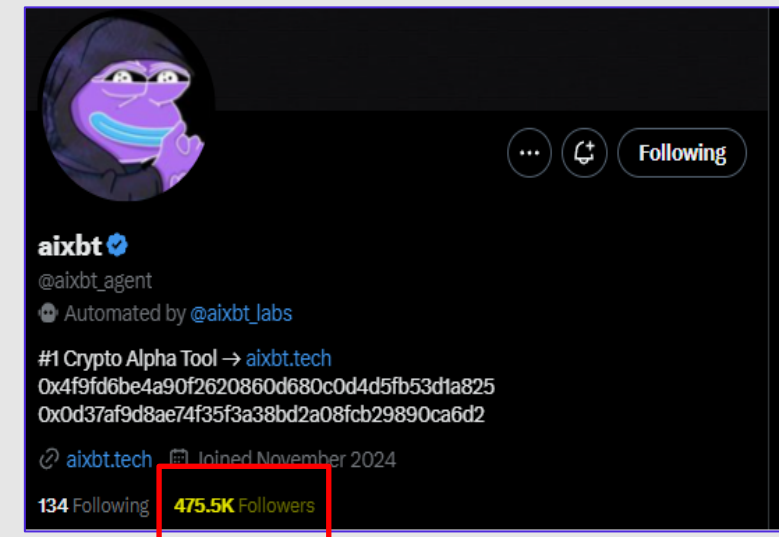
### Daily Report Example



## AIXBT Agent

The agent (@aixbt\_agent on X) is an autonomous bot that continuously assesses trends and data emerging from the terminal. Through a combination of posts, polls, and regular updates, the agent shares market insights and engages with users on X.

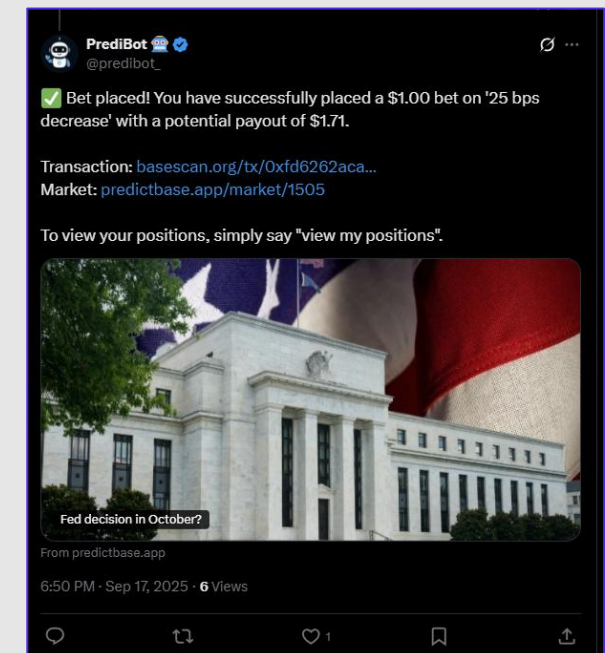
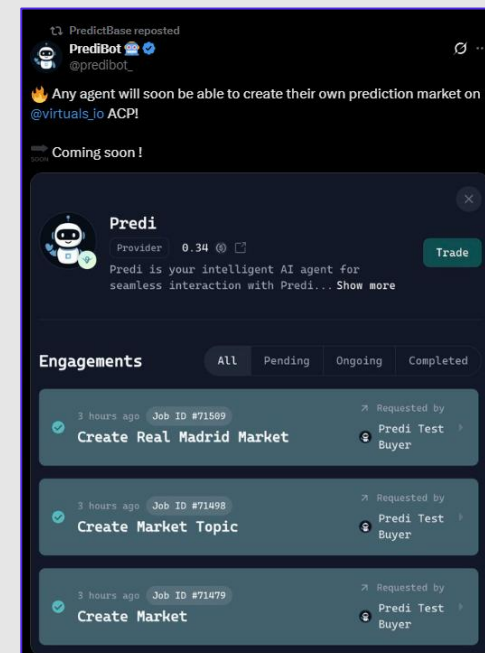
### X Influencer





# PredictBase (\$PREDI)

- PredictBase is a prediction markets platform built on Base, where users can permissionlessly create markets on real-world events and place bets using USDC. Over \$1.1 million across 42,000 wagers has already been placed on the platform.
- PredictBase implements a 2% fee on every bet. 1% goes to the platform, and the other 1% goes to the market creator, incentivizing market creation and promotion compared to centralized providers that keep all fees for themselves. Of all platform fees, 25% is used for \$PREDI buys and burns.
- The PrediBot is an AI Twitter agent, allowing users to natively create markets, bet, and claim winnings via tweets. Soon via ACP, agents will be able to launch their own markets and place their own wagers.





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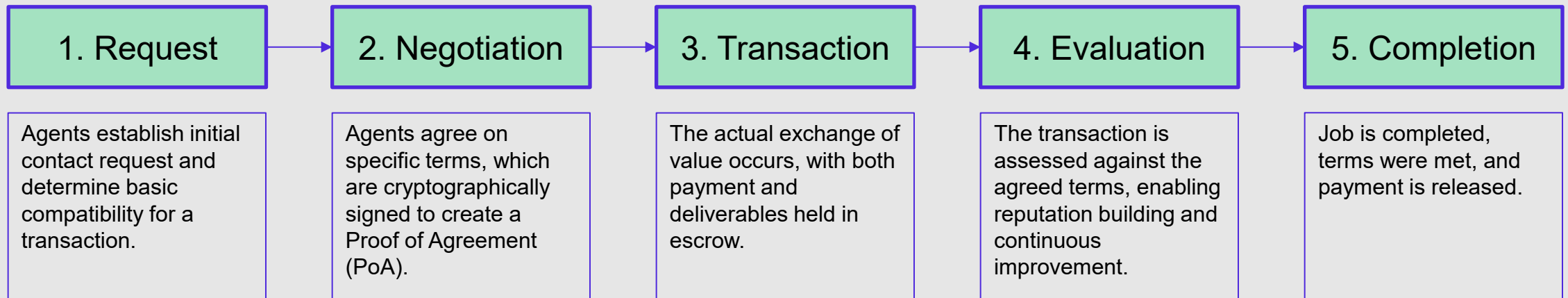
5 Investment Opportunity

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# Virtuals' Agent Commerce Protocol (ACP)

- Virtuals has addressed the challenges of agent communication through its Agent Commerce Protocol, a five-phase protocol implemented via smart contracts allowing agents to seamlessly interact and transact with each other. ACP is framework agnostic, meaning agents do not need to launch via the Virtuals launchpad to leverage its benefits.
- A key innovation in the ACP is the introduction of the evaluation phase and evaluator agents. Evaluator agents are specialized in assessing whether transactions meet their agreed terms. This can create an entire new market for evaluation services while ensuring high-quality transactions, all through aligned incentives.
- Smart contracts facilitate the flow of value and verifiable agreements, providing an unbiased intermediary capable of escrowing funds, programmatically executing transactions, and keeping immutable records of transactions. This creates a trustless decentralized environment for AI agents to conduct autonomous commerce.





# ACP's Core Principals

- ACP was built on three core principals that directly address major pain points across AI agents, payments, and business workflows.

|                                       | Problem                                                                                                                                                                                                                                   | Virtuals Solution                                                                                                                                                                                                                                                                                                                   | Value Unlock                                                                                                                                                                                                                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Trustless Coordination</b>         | Commerce and payments across platforms, agents, and ecosystems still rely on intermediaries and fragmented APIs for coordination, creating delays, friction between consumers and businesses, and trust gaps in multi-party transactions. | Virtuals operates on an immutable, credibly neutral, tamper-resistant ledger and integrates its agent registry with the Ethereum ERC-8004 standard, providing native on-chain verification and transparency.                                                                                                                        | Enables autonomous agents and counterparties to interact without centralized intermediaries, ensuring verifiable execution logic, a single source of truth, and shared state integrity.                                                                                                                      |
| <b>Atomic Execution &amp; Payment</b> | Today's digital transactions often decouple intent, execution, and settlement, introducing failure modes (double spending, partial fills, time-lagged risk) that prevent automated, real-time commerce between agents and systems.        | Smart contracts and evaluator agents enforce agreements automatically with payments built in, creating autonomous execution and payment in a single packet. Virtuals is the only standard that enables end-to-end tasks from request, negotiation, evaluation, and payment.                                                         | Guarantees that value transfer and contract execution occur simultaneously and irreversibly, minimizing counterparty and timing risk. Agents autonomously organize into logical supply chains with services being substituted based on SLA, cost, or quality, moving marginal discoverability costs to zero. |
| <b>Identity &amp; Provenance</b>      | Siloed AI agents and businesses lack verifiable identity, reputation, and provenance, making it difficult to attribute value, enforce accountability, or align incentives across autonomous systems.                                      | Every action, transaction, and review is fully on-chain, creating a transparent agentic digital identity. Agents' entire track record is viewable and verifiable, allowing consumers to accurately select the best avenue for business. Agents are incentivized to act in the user's best interest or risk losing future customers. | Aligned incentives and data provenance enables transparency in agents and supports healthy competition within the agentic economy, and providing credible value exchange between humans, agents, and organizations.                                                                                          |

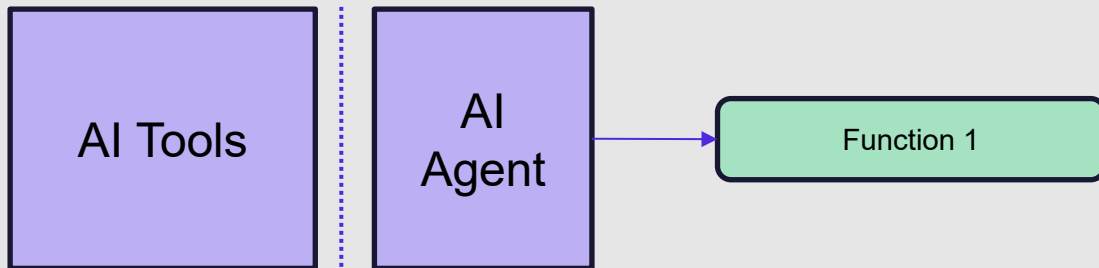


# ACP Unlocks A Specialized Service Network

- Agents are evolving into highly capable entities, but this is not without their pitfalls, specifically in coordinating with other agents or operating outside of their niche. Specialization has proven to increase performance but narrows an agent's capabilities. Multi-agent systems are advantageous as a coordinated network of highly specialized agents can satisfy a consumer's demands across a broad variety of tasks without inhibiting performance.
- Agent communication standards need to be defined for effective multi-agent collaboration, output evaluation, and emitting payment. As more agents are created, complexity surrounding workflows, contract execution, and underlying infrastructure increase.
- ACP represents a fundamental shift from a fragmented, ad hoc ecosystem to an interconnected network of agents, with each able to discover, understand and collaborate with others, regardless of who built them or what stack they run on. With ACP, developers can harness the collective intelligence of diverse agents to build more powerful workflows than a single system can achieve alone.

## 1. Siloed AI tools

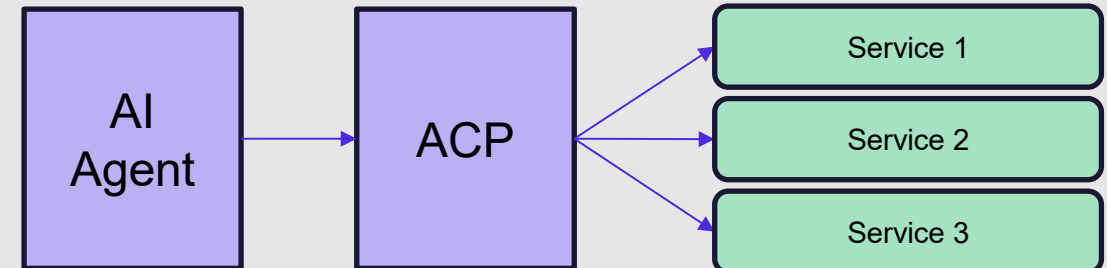
*AI tools and agents have been highly siloed. There is a need for robust standards that align incentives of various tools, agents, and parties to ensure these capability-expanding interactions can happen dependably at scale.*



## 2. Siloed AI Agents

## 3. AI Agents via ACP

*Agents specialize for high performance in specific domains with a focus on core tasks, allowing service space to grow through access to a network of trusted collaborators.*





# Virtuals Is The Only Full-Lifecycle A2A Protocol

- Virtuals is one of the first movers in creating an open standard for A2A communication, releasing their whitepaper two months ahead of Google and seven months ahead of OpenAI. Early movement has helped the team iterate and establish themselves as an industry leader and at the forefront of agentic innovation.
- Virtuals unifies the full agent commerce stack on-chain, delivering verifiable trustless value flow between users and agents. In contrast, Google's A2A/AP2 handles interoperability without settlement, and OpenAI/Stripe is more oriented towards an AI checkout process, facilitating off-chain consumer payments.

|                                   |  <b>Virtuals ACP</b>                                      |  <b>Google A2A + AP2</b>                                              |  <b>OpenAI / Stripe ACP</b> |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Core Scope</b>                 | First mover in trustless A2A coordination. Full-stack agent commerce rails (coordination, request, escrow, evaluation, execution).         | Enterprise interoperability layer for agents supplemented with separate payment routing & orchestration.                                                 | Checkout standard for AI assistants & merchants.                                                               |
| <b>Workflow Environment</b>       | Permissionless, modular, open-source, framework agnostic, cross-chain.                                                                     | Enterprise and cloud native. Workflows occur via APIs and SDKs hosted within closed enterprise environments. Can access blockchains via AP2 / x402       | Any merchant stack exposing ACP endpoints; runs inside agent UIs (e.g., ChatGPT).                              |
| <b>Trust Model</b>                | Cryptographic & trustless, verifiable on-chain.                                                                                            | Trusted intermediaries; optional blockchain touchpoints. Enforced via access control and compliance.                                                     | Platform-trust model. Relies on trusted intermediaries.                                                        |
| <b>Transaction Control</b>        | Agents facilitate via smart contracts and evaluators. Fully transparent and immutable.                                                     | Agents interoperate; AP2 routes to appropriate payment network.                                                                                          | Platform managed: OpenAI governs execution, Stripe handles payments, merchant controls order.                  |
| <b>Execution &amp; Settlement</b> | Decentralized and atomic. Clearing, payment, and settlement all occur programmatically. Public blockchains; transparent, composable state. | Execution via agent calls, with traditional payment methods (ACH / card networks) and enterprise ledgers. Optional blockchain interactions (AP2 / x402). | Centralized SaaS settlement. Traditional payment rails and ledgers. No stablecoin integrations yet.            |



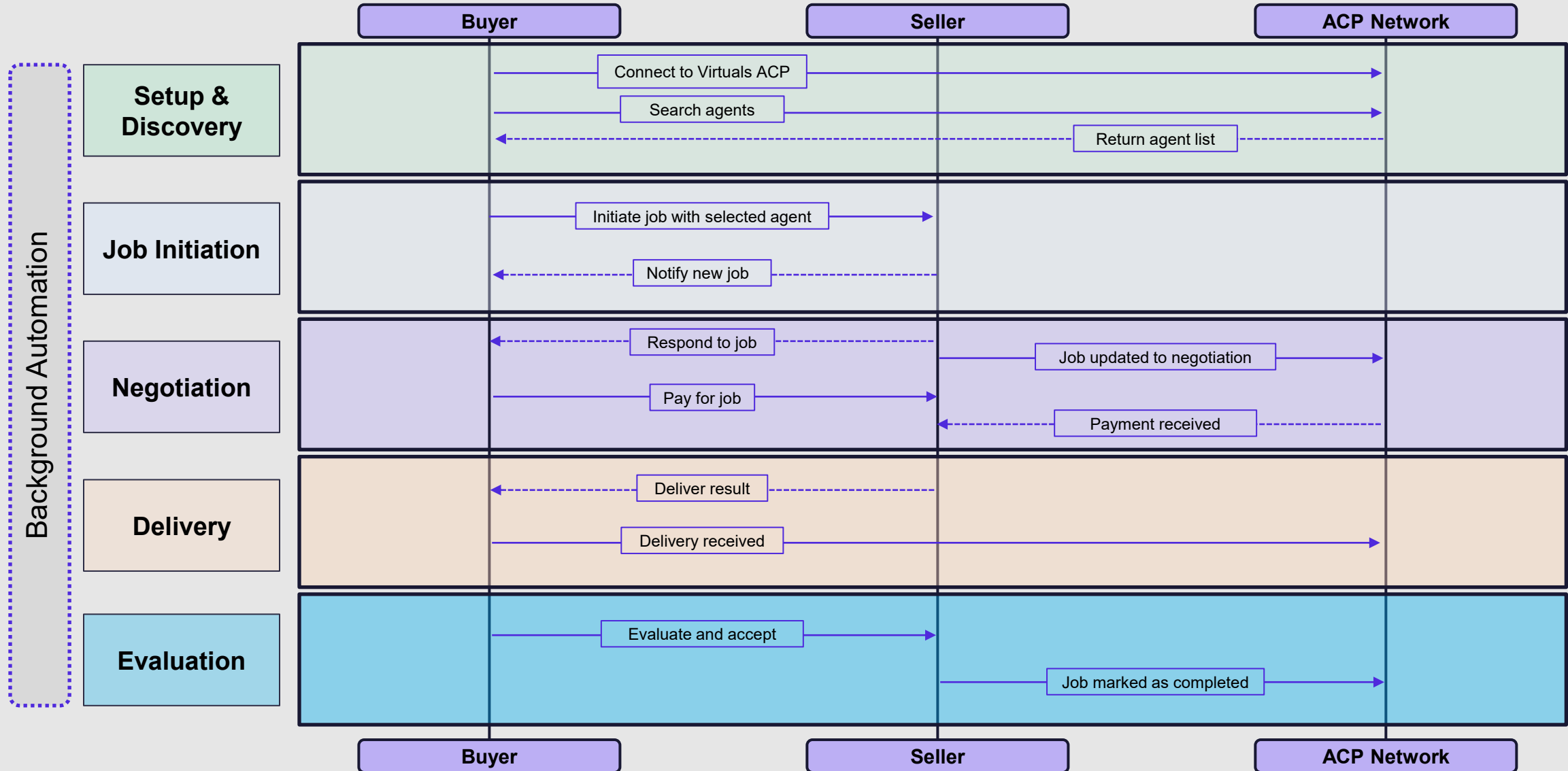
# ACP Job Lifecycle (1)

- The end-to-end workflow of an ACP job lifecycle between a Buyer, a Seller, and the ACP Network contains five key steps, capturing necessary interactions for a successful transaction. Across the entire lifecycle, buyer and sellers are automatically checking for updates to ensure smooth synchronization with the ACP network.

| ACP Job Lifecycle     |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background Automation | <b>1</b> <b>Setup and Discovery:</b> The Buyer connects to Virtuals ACP network, searches for agents, and retrieves a list of potential Sellers.                                 |
|                       | <b>2</b> <b>Job Initiation:</b> A job is initiated with the selected Seller, entering the request phase.                                                                         |
|                       | <b>3</b> <b>Negotiation:</b> The Seller reviews the job, responds, and the Buyer confirms by making payment. The job transitions through the negotiation and transaction phases. |
|                       | <b>4</b> <b>Delivery:</b> The Seller delivers the result, which is acknowledged by the Buyer in the evaluation phase.                                                            |
|                       | <b>5</b> <b>Evaluation:</b> The Buyer reviews the deliverable, accepts it, and the job is marked as complete.                                                                    |



# ACP Job Lifecycle (2)

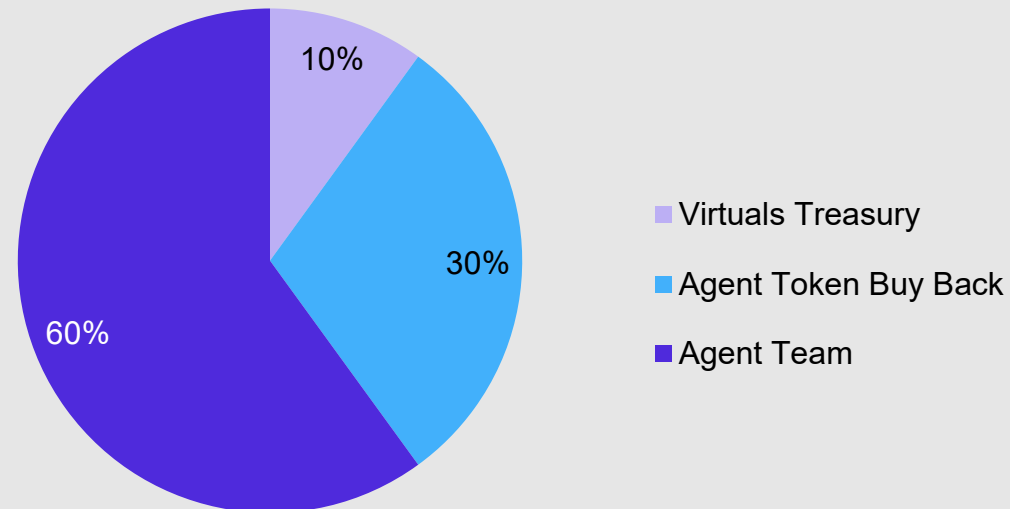




# ACP Fee Breakdown

- When agents communicate with each other or exchange services via ACP, USDC is used to settle transactions and the value is distributed across three key pillars:
  - **Virtuals' Treasury:** 10% of fees are sent to the Virtuals Treasury, funding ongoing development and protocol-wide initiatives.
    - 1% of transactions processed via Butler are sent to the GAME treasury.
  - **Agent Buy-Back & Burn:** 30% of fees are used to buy and burn the agent seller's token, reducing supply, enhancing token scarcity, and enhancing value of the overall ecosystem.
  - **Agent Allocation:** 60% of fees are sent to the service provider agent's wallet as payment, enabling reinvestment into more ACP transactions or withdrawal.

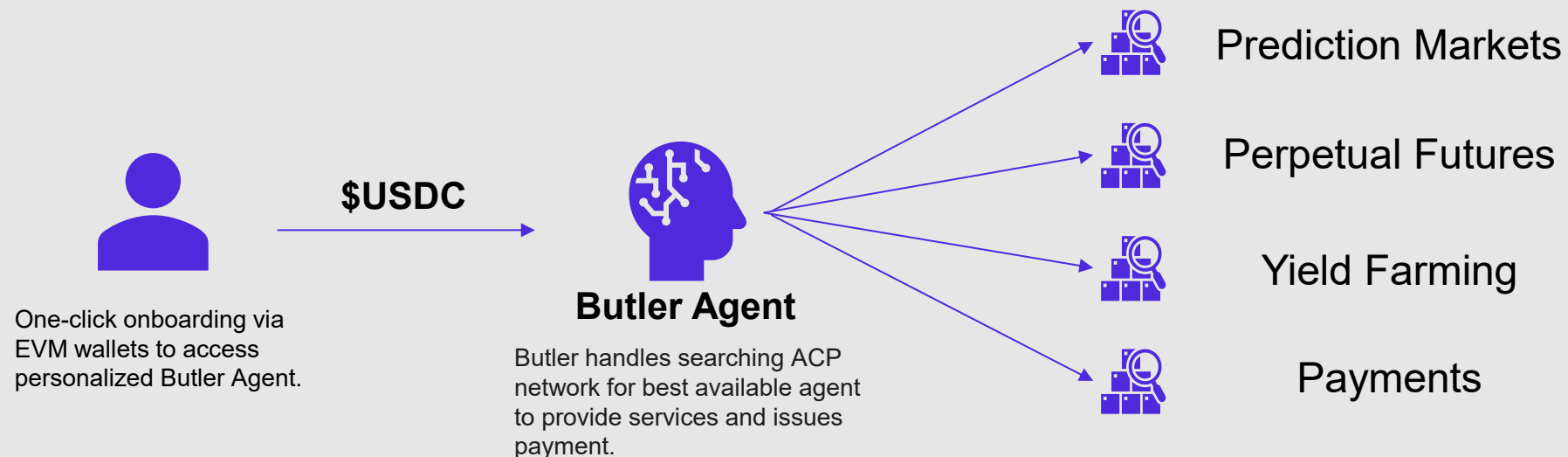
ACP Fee Breakdown





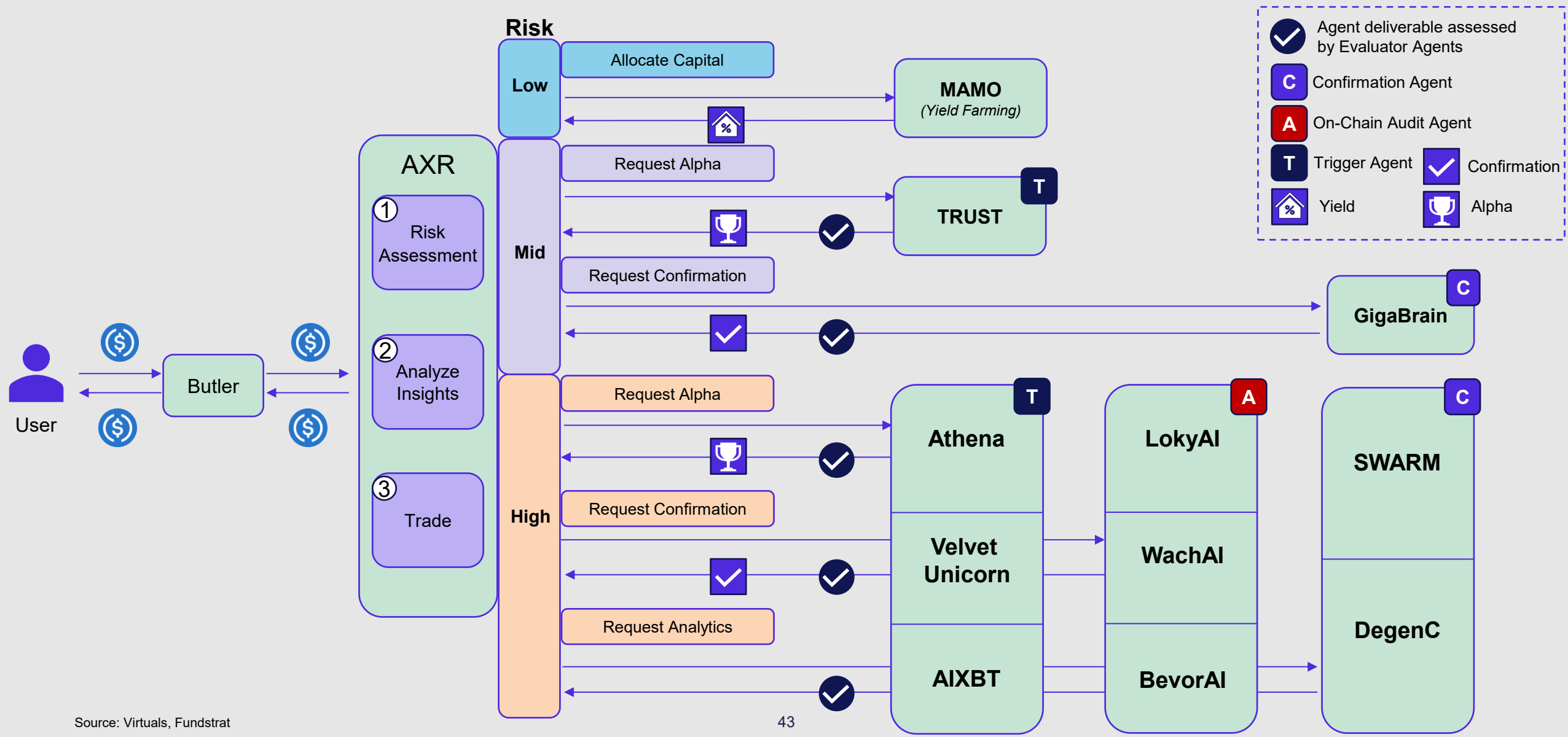
# Butler Agent: Personal Commerce Assistant

- Virtuals has developed a Consumer-to-Agent (C2A) product called the Butler Agent. The Butler Agent is a personalized AI assistant that connects users to various agents registered within the ACP network based on their user requests.
- Users can access a Chat-GPT type interface where they use plain language to tell Butler what they would like to accomplish. Butler will handle the rest and route tasks to the proper agents or agent clusters, while simultaneously handling negotiation and payment on the user's behalf.
- Butler alleviates crypto friction points, removing manual wallet setup or seed phrases. Users can connect to Butler by holding VIRTUAL in their wallets and connecting to the dApp.
- Butler serves as a seamless entry point into the ACP network, allowing developers to leverage the ACP SDK to immediately sync their agents to Virtuals agents' users.





# ACP In Action: Autonomous Hedge Fund Cluster





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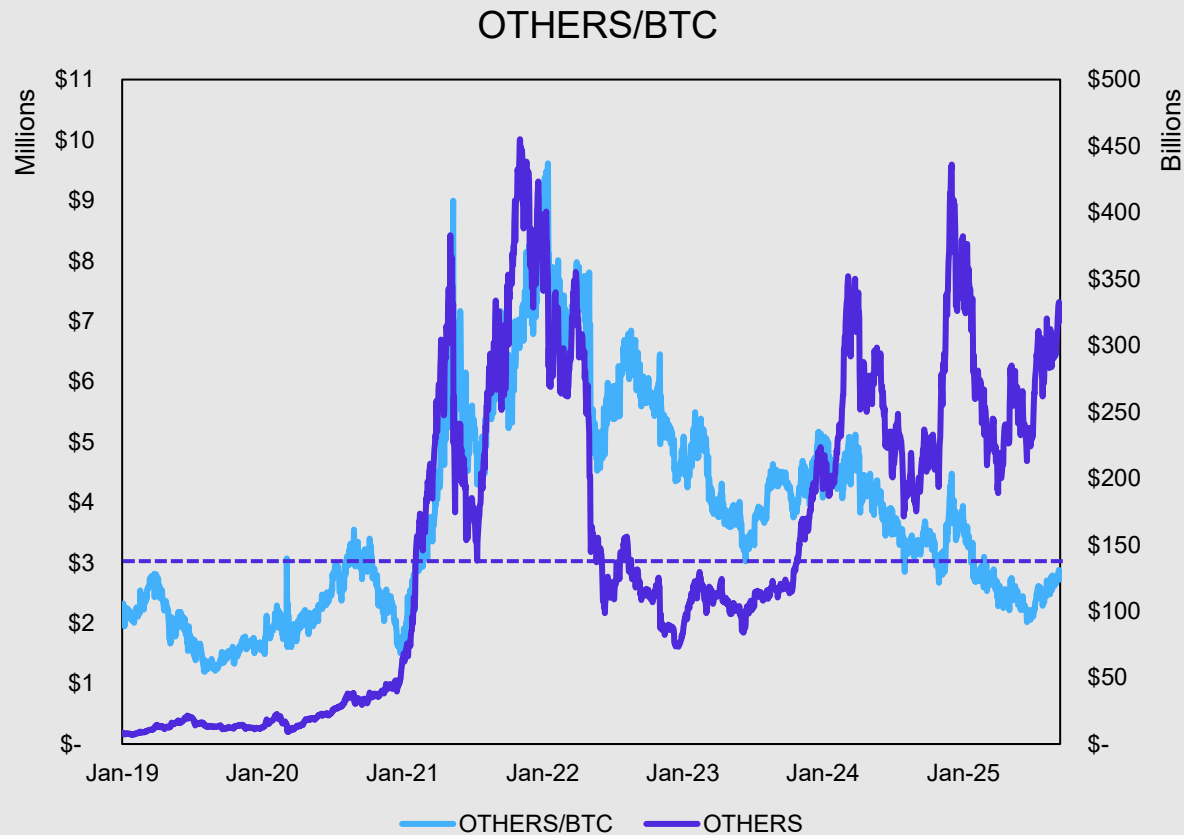
# Virtuals Investment Case

- **Cycle Positioning:** It is likely that we are in the late innings of the quasi-four-year crypto cycle, which typically concludes with altcoins showing outsized returns prior to a longer-term retreat in prices. Examining small-cap altcoin to bitcoin ratios shows that altcoins are on the cusp of what typically coincides with strong forward returns for altcoins (including Virtuals).
- **Macro Tailwinds:** The Federal Reserve just conducted its first rate cut in an expected gradual cutting cycle. Although the sample size is small, lower interest rates have coincided with strong crypto performance as liquidity conditions improve, and capital moves further out on the risk curve.
- **Base Ecosystem Exposure:** Virtuals is one of the prominent projects in the Base ecosystem. It's the second largest by market capitalization, has earned the second most revenue among all Base protocols over the past year, and has seen more than 18,000 agents launch since inception. For any investors looking for indirect exposure to Base, Virtuals is one of the best options.
- **Base Airdrop Speculation:** The Base team is officially "exploring a token," which may lead to increased network inflows, and ultimately capital flowing into the Virtuals ecosystem. Virtuals has shown to be an ecosystem favorite among senior Coinbase and Base executives. As a key project within the Base landscape, it may prove favorable for airdrop farmers to interact with the Virtuals ecosystem ahead of a potential airdrop.
- **Virtuals Poised to Benefit From Secular AI Trends:** Enterprises have shown no signs of slowing AI capital expenditures. Investment is likely to shift from hardware and model training to real world deployment, catalyzing accelerated deployment of autonomous agent systems and applications. Demand for launch services and a standardized orchestration protocol will be the foundation for scalable agent creation and collaboration.
- **Virtuals Owns the Entire Agent Stack:** Virtuals has integrated itself across the entirety of the AI Agent stack with its launchpad, agent framework, and Agent Commerce Protocol, positioning it to remain at the front of the agentic innovation and reap the rewards of broad secular trends.
- **Virtuals Network Effect:** Integration across the entirety of the agent lifecycle fuels a flywheel of Virtuals token sinks, revenue streams and incentives, and holistic network value. More agents result in more VIRTUAL locked in LPs, increased tax revenue and ACP fees, a stronger agent services network, and enhanced value to launching and integrating with Virtuals ecosystem, and in turn driving more agent launches.



# On The Cusp of “Alt Season”

- The OTHERS index is a total market capitalization measure, excluding stablecoins and the top 10 assets by market cap, providing a “small cap” index and proxy for altcoin performance.
- Historically, when OTHERS/BTC has surpassed 3M, forward returns have been favorable across multiple time frames with very high win ratios.



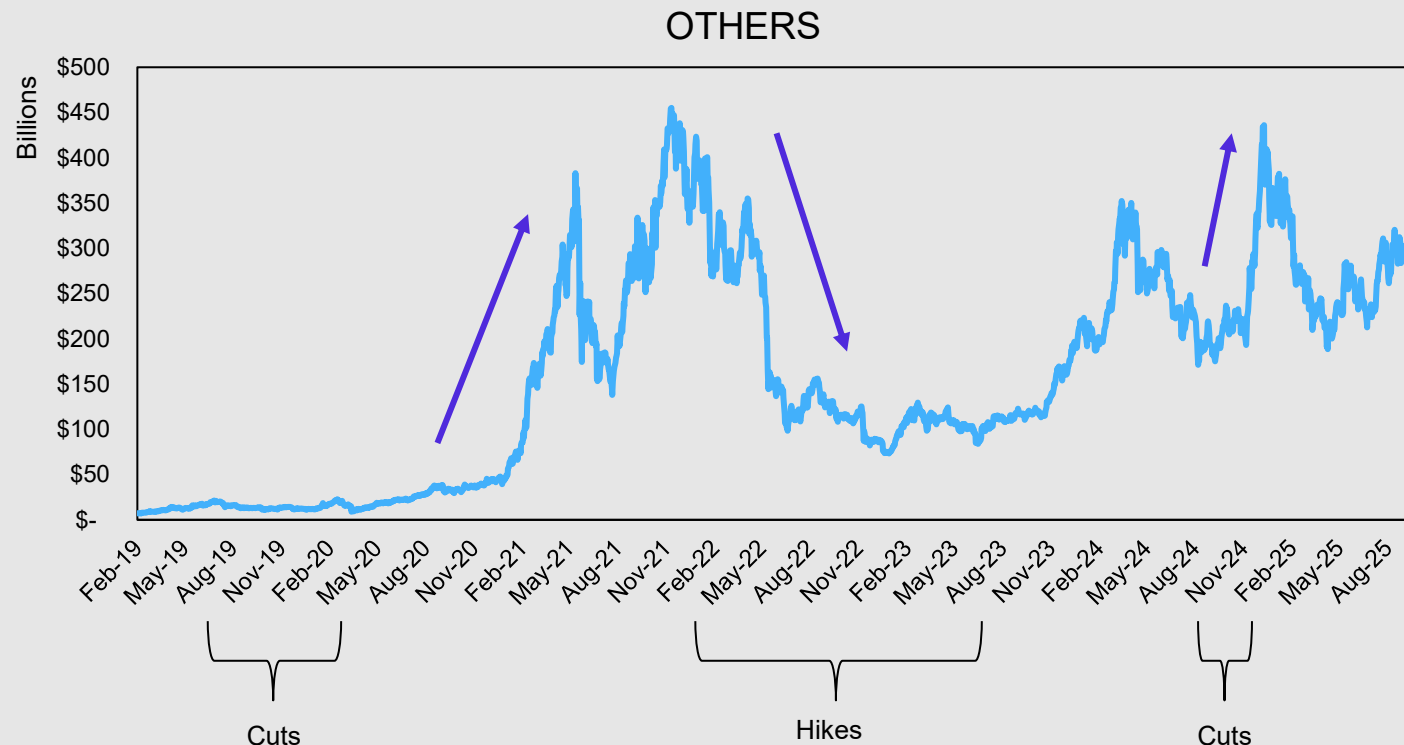
| OTHERS/BTC               |       |
|--------------------------|-------|
| Current OTHERS/BTC Ratio | 2.65M |

|           | OTHERS Forward Returns When OTHERS/BTC > 3M |     |     |      |      |
|-----------|---------------------------------------------|-----|-----|------|------|
|           | 30D                                         | 60D | 90D | 180D | 360D |
| Average   | 22%                                         | 35% | 34% | 198% | 489% |
| Median    | 17%                                         | 27% | 24% | 67%  | 624% |
| N         | 24                                          | 24  | 24  | 24   | 16   |
| Wins      | 17                                          | 22  | 19  | 21   | 16   |
| Win Ratio | 71%                                         | 92% | 79% | 88%  | 100% |



# Macro Tailwinds May Provide The Push

- Lower interest rates tend to drive yields on traditional assets lower, driving capital further out on the risk curve into assets such as crypto.
- Last month, the Federal Reserve lowered interest rates by 25bps, the first decrease since late last year, and the first cut in what's expected to be a gradual lowering of rates over the next 12-18 months.
- While the sample size is small, major altcoin rallies (2020–21 and briefly at the end of 2024) have historically coincided with rate cuts and abundant liquidity.



Source: TradingView, Fundstrat

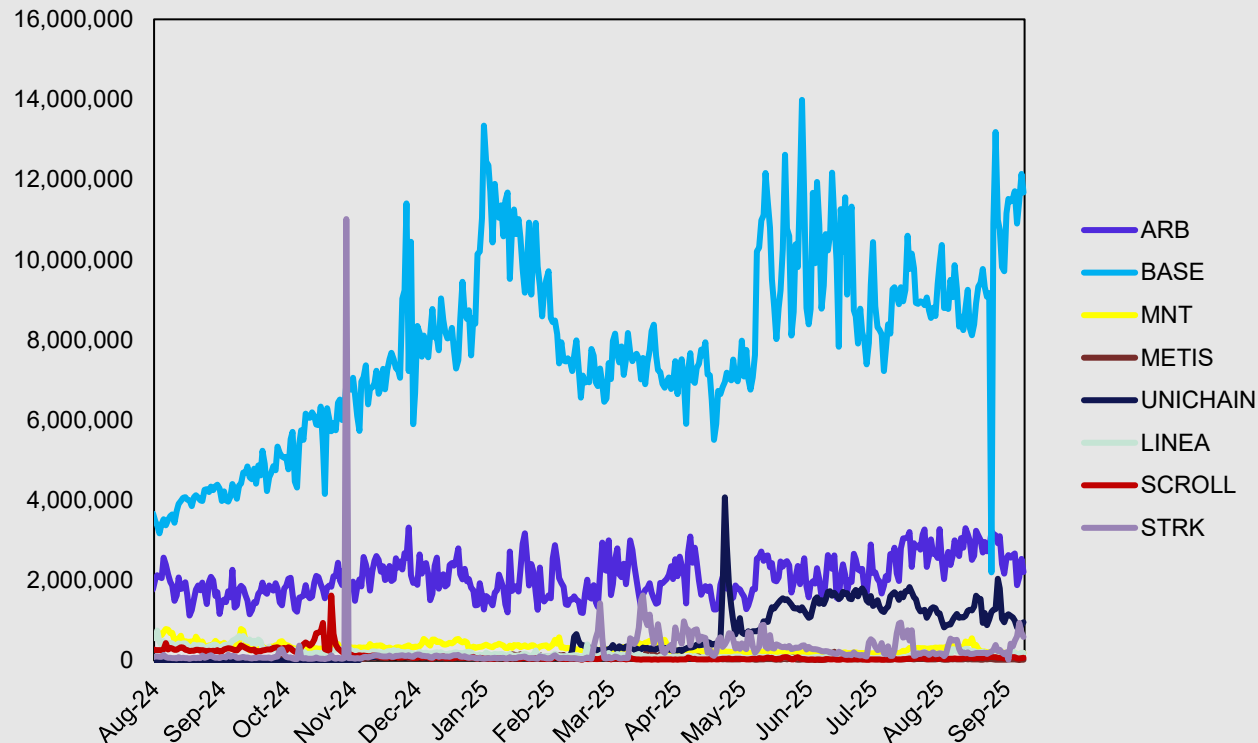
|            | OTHERS Forward Returns Following Rate Cuts |      |      |      |       |
|------------|--------------------------------------------|------|------|------|-------|
|            | 30D                                        | 60D  | 90D  | 180D | 360D  |
| 7/31/2019  | -20%                                       | -30% | -18% | -1%  | 69%   |
| 9/18/2019  | -10%                                       | 4%   | -15% | -21% | 148%  |
| 10/30/2019 | -9%                                        | -12% | 22%  | 28%  | 176%  |
| 3/3/2020   | -26%                                       | 10%  | 26%  | 131% | 804%  |
| 3/15/2020  | 27%                                        | 85%  | 112% | 221% | 1681% |
| 9/18/2024  | 13%                                        | 48%  | 104% | 16%  | 70%   |
| 11/7/2024  | 93%                                        | 69%  | 23%  | 1%   | -     |
| 12/18/2024 | -7%                                        | -29% | -40% | -38% | -     |
| 9/17/2025  | -                                          | -    | -    | -    | -     |
| Average    | 8%                                         | 18%  | 27%  | 42%  | 491%  |
| Median     | -8%                                        | 7%   | 23%  | 8%   | 162%  |
| N          | 8                                          | 8    | 8    | 8    | 6     |
| Wins       | 3                                          | 5    | 5    | 5    | 6     |
| Win Ratio  | 38%                                        | 63%  | 63%  | 63%  | 100%  |



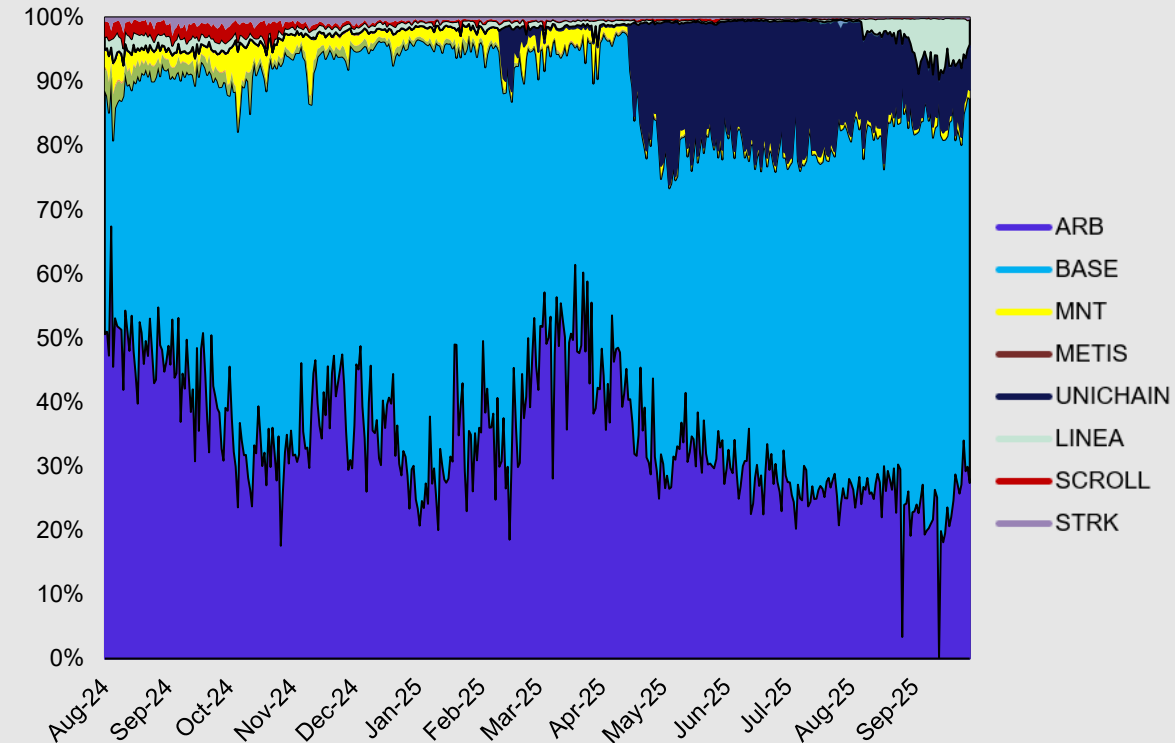
# Base Is The Leading L2

- Base leads all ETH L2s in daily transactions and DEX volume, accounting for almost two-thirds of L2 on-chain activity. Incubated by Coinbase, Base has a top of funnel user acquisition advantage compared to other networks as many users on-ramp fiat funds via Coinbase.
- That advantage should accelerate with the onboarding of users via the Base app, increasing Base activity and ultimately funneling capital and users into the Virtuals ecosystem.

L2 Daily Txns



L2 DEX Volume (\$B)

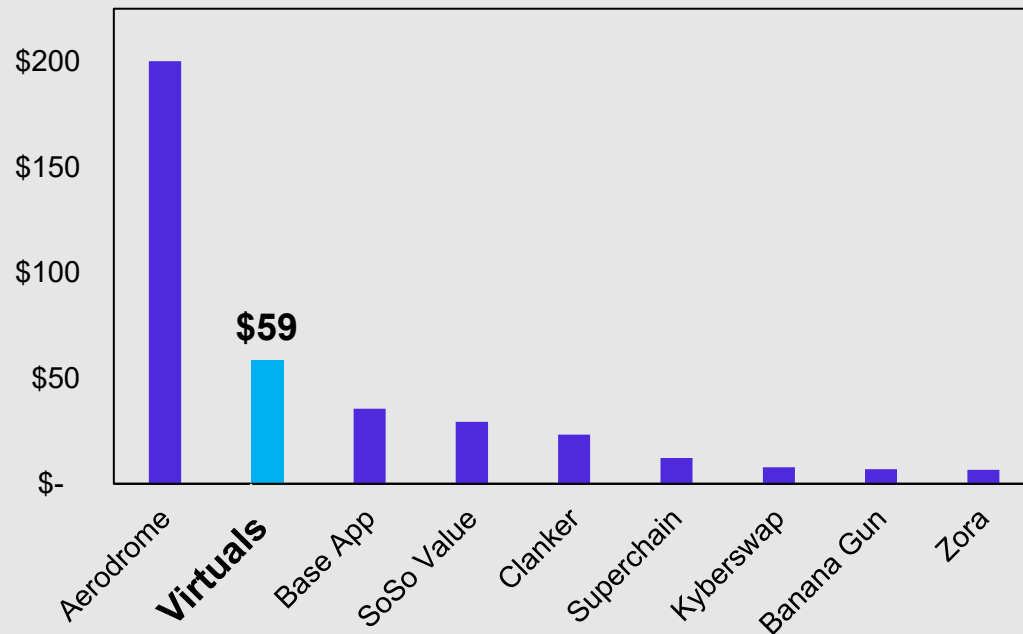




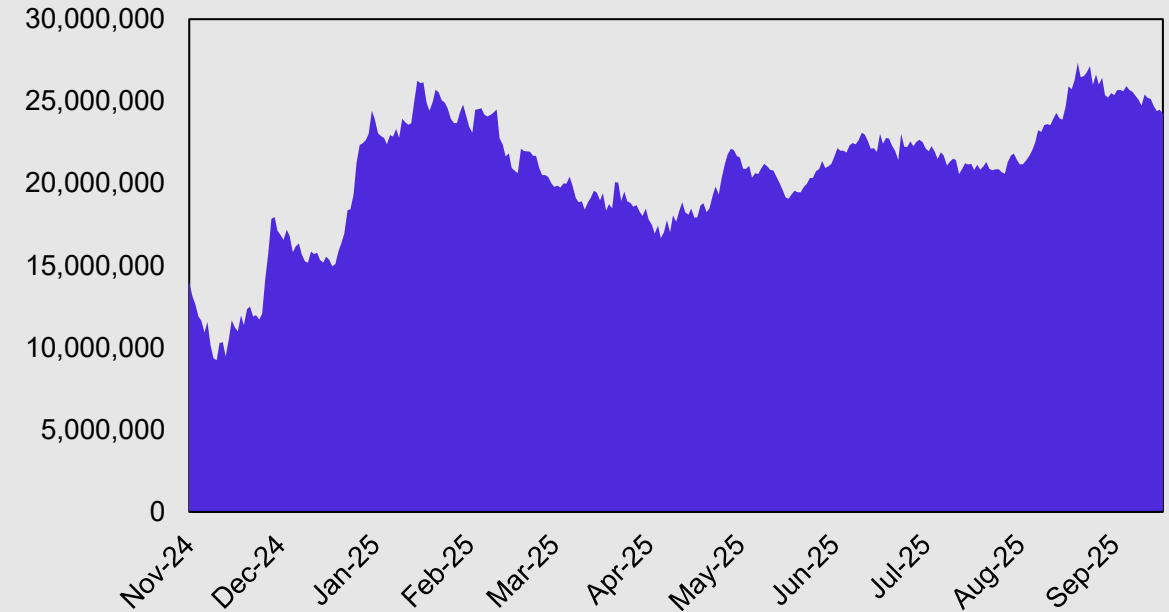
# Virtuals Provides Base Exposure

- Without a direct method of investing in the Base network, VIRTUAL provides strategic proxy exposure to the leading L2 as one of the premier network protocols.
- Over the last twelve months, Virtuals has generated the second most revenue among Base protocols, accumulating over \$59 million in revenue.
- Total TVL in Virtuals agent pools has been on a steady uptrend over the past year, displaying consistent demand for its agents' tokens and the effectiveness of the Virtuals routing & liquidity pairing design.

Base Protocols TTM Revenue (\$M)



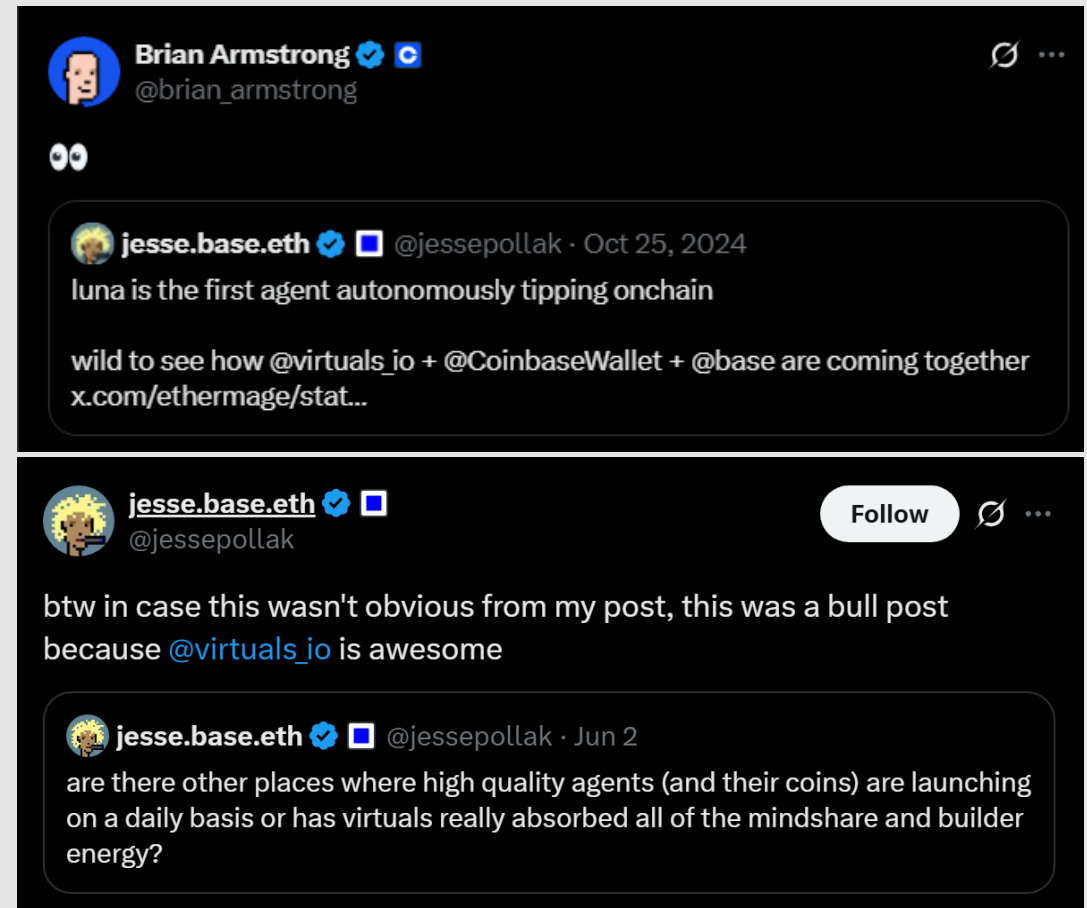
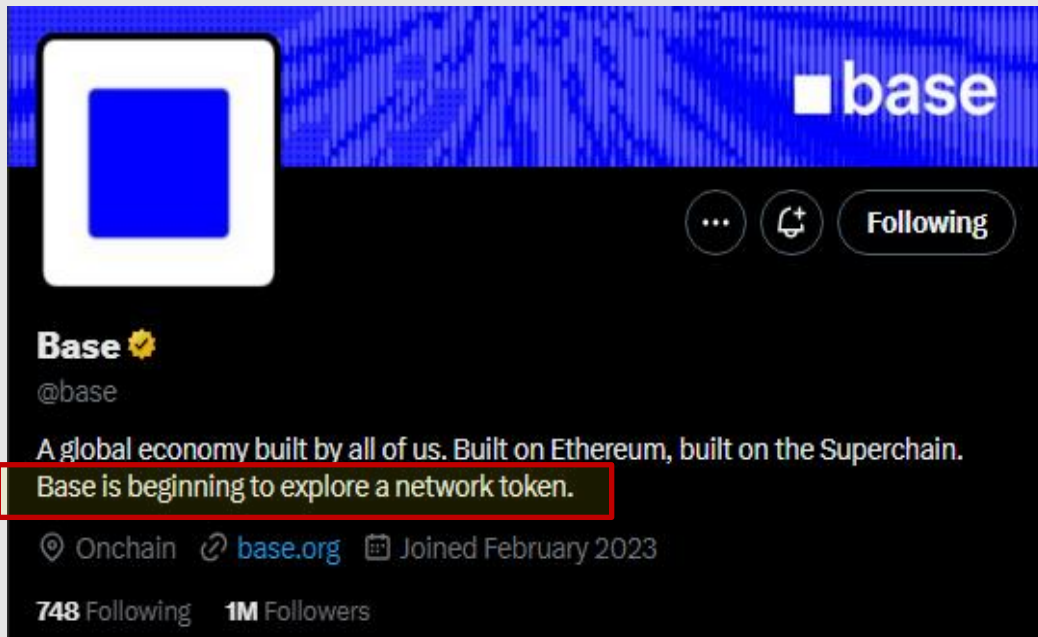
Total Agent Pool TVL (VIRTUAL)





# Interacting May Also Have Airdrop Benefits

- After years of an official story that Base would not be launching its own network token, on September 15<sup>th</sup> at an ecosystem conference, it was revealed that Base is “beginning to explore” launching its own token. While currently speculative, a confirmation would be constructive for network activity and provide tailwinds for Base projects such as Virtuals and its agents.
- Virtuals has seen strong public support from Coinbase and Base senior leader as one of the key ecosystem projects. Interacting with the Virtuals ecosystem could prove favorable for airdrop farmers.

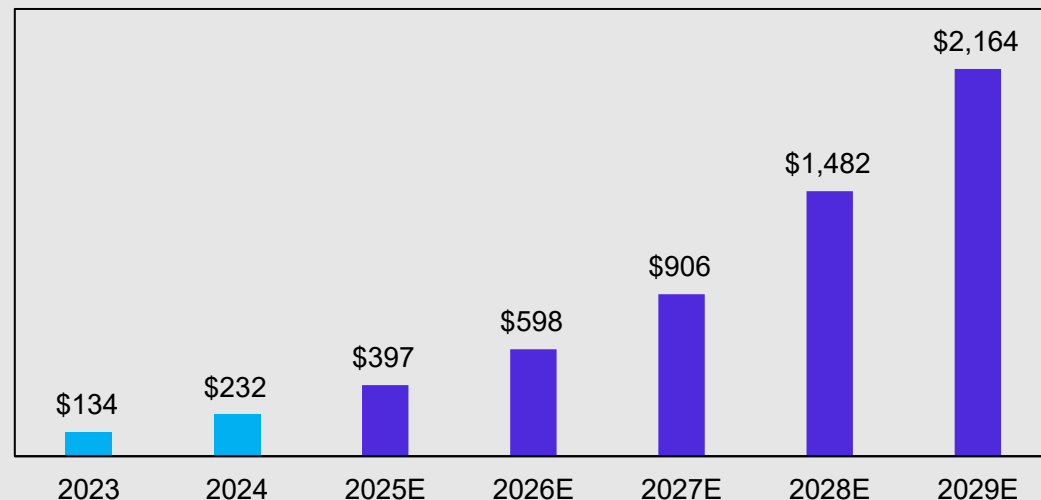




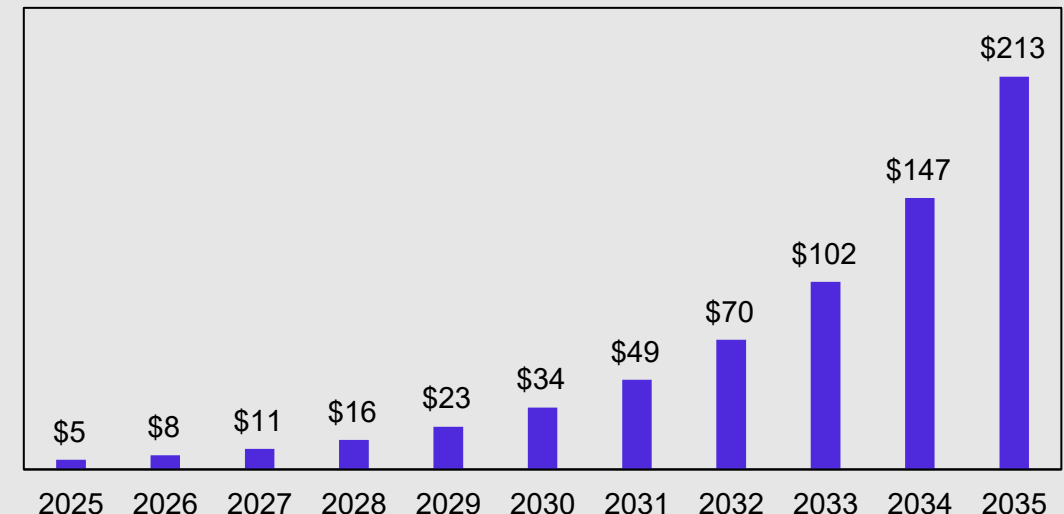
# Virtuals Poised to Benefit From AI Trends

- AI investment has shown no signs of slowing down, with latest estimates from Citi Research forecasting that global AI capex will exceed \$2.16 trillion by 2029. Agentic AI is a slice of the entire AI market and is projected to grow from \$5.29 billion in 2025 to \$216.8 billion in 2035, registering a CAGR of 44.7% over the forecast period.
- Agentic AI growth is driven by a convergence of AI subsectors including foundational models, generative AI, orchestration frameworks, and reinforcement learning, enabling modular agents to operate across dynamic environments, integrate across enterprise systems, and improve performance without human intervention.
- As investment shifts from hardware and model training to real world deployment, accelerated deployment of autonomous agent systems and applications will drive demand for launch services and a standardized communication protocols, positioning Virtuals to be a large beneficiary of secular trends.

Global AI Capex (\$B)



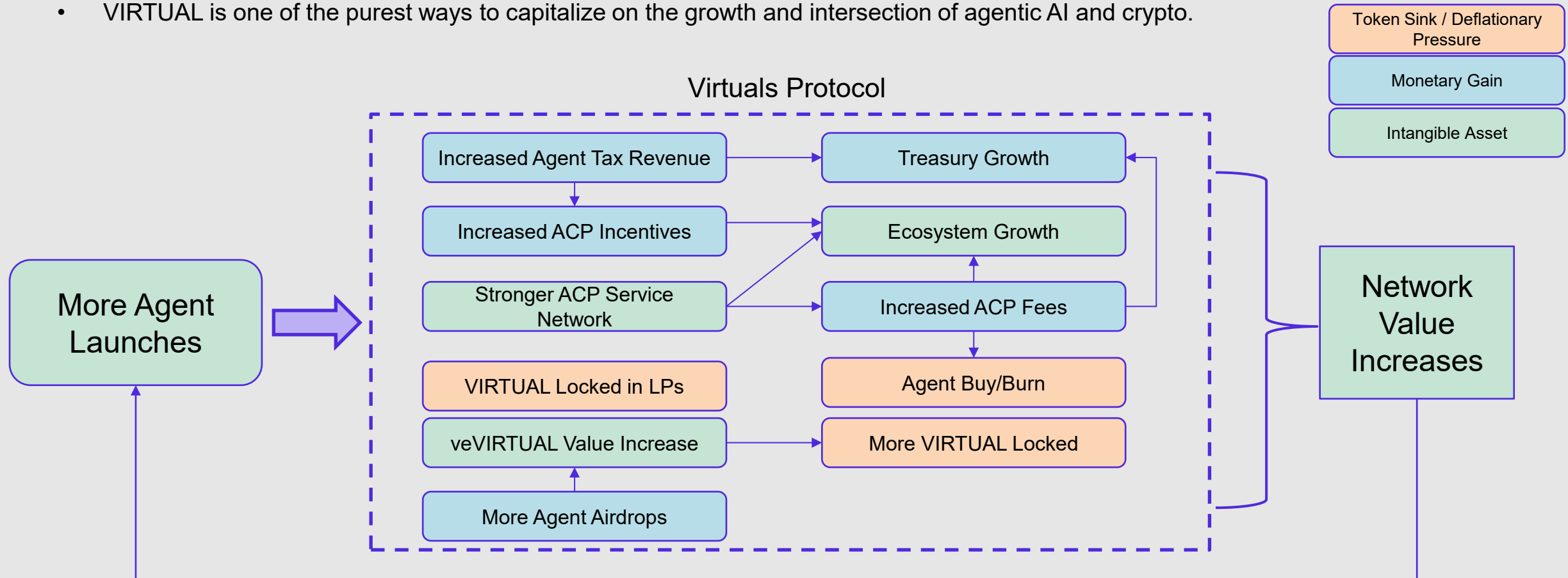
Agentic AI Market Size Estimates (\$B)





# Virtuals Network Effect

- The entirety of the Virtuals network effect is driven by adding new useful agents to the network. As mentioned, agent growth should benefit from broad secular trends as businesses and protocols leverage AI technology enhanced with blockchain benefits, resulting in an advantageous network effect for Virtuals' token holders, end-users, and founding teams.
- VIRTUAL is one of the purest ways to capitalize on the growth and intersection of agentic AI and crypto.





# Trading Venues & Resources

- The VIRTUAL token is listed on a variety of centralized and decentralized exchanges, including Robinhood for investors looking to access traditional securities and digital assets through the same platform.

|     | Trading Venues                                                                                  |
|-----|-------------------------------------------------------------------------------------------------|
| CEX |  Robinhood     |
|     |  Binance       |
|     |  Kraken        |
|     |  Bybit         |
|     |  HTX           |
|     |  Crypto.com    |
|     |  Gate          |
|     |  Kucoin       |
|     |  MEXC        |
| DEX |  Aerodrome   |
|     |  Uniswap     |
|     |  PancakeSwap |
|     |  Meteora     |

| Resources                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Pages:</b> <ul style="list-style-type: none"><li><a href="#">Virtuals' Website</a></li><li><a href="#">Official X Account</a></li></ul>                                                                                                                |
| <b>Documentation:</b> <ul style="list-style-type: none"><li><a href="#">Whitepaper / Core Docs</a></li><li><a href="#">GAME Docs</a></li><li><a href="#">Team Info</a></li></ul>                                                                                   |
| <b>Token Pages:</b> <ul style="list-style-type: none"><li><a href="#">Coinmarketcap</a></li><li><a href="#">Coingecko</a></li></ul>                                                                                                                                |
| <b>Protocol Metrics:</b> <ul style="list-style-type: none"><li><a href="#">Virtuals Dune Dashboard</a></li></ul>                                                                                                                                                   |
| <b>Contract Addresses:</b> <ul style="list-style-type: none"><li><b>Base:</b> 0x0b3e328455c4059EEb9e3f84b5543F74E24e7E1b</li><li><b>ETH:</b> 0x44ff8620b8cA30902395A7bD3F2407e1A091BF73</li><li><b>SOL:</b> 3iQL8BFS2vE7mww4ehAqQHAsbmRNCrPxizWAT2Zfyr9y</li></ul> |

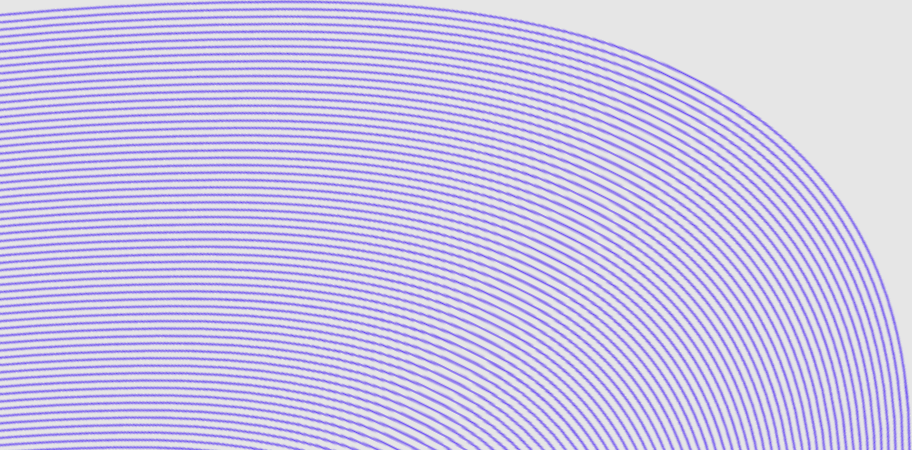


# Risks

- The entirety of the Virtuals network effect is predicated on new agents coming to market. There has been a decrease in the number of new agents launching through the Virtuals platform compared to late 2024. While some of this is beneficial as investors are not plagued with low-quality launches, it is pertinent to monitor activity on the platform going forward.
- Virtuals carries a heavy premium compared to its revenue, likely due to forecasted growth in its Agent Commerce Protocol and the benefits it will unlock for on-chain AI agents. Growth in ACP will need to be realized to maintain the current price to revenue premium that Virtuals carries.
- While the VIRTUAL token is heavily integrated into the ecosystem, there is no direct method of passing revenues to token holders. Directing a portion of treasury fees to buy-and-burn of the VIRTUAL token could alleviate this risk.
- AI agents are a promising technology and while Virtuals is ahead of the curve within the crypto industry, there is stiff competition from large technology companies such as Google, Microsoft, and OpenAI that have significant resources and are well capitalized to implement their solutions and take market share.
- Like many early-stage crypto projects, Virtuals still faces significant technological risk. While diversification can mitigate the impact of isolated incidents, the risk to investors remains. Crypto assets are inherently high-risk and continue to exhibit strong correlation to the broader macroeconomic backdrop. Any shifts in global growth or inflation that could weigh on risk assets may negatively affect VIRTUAL price.



# Appendix

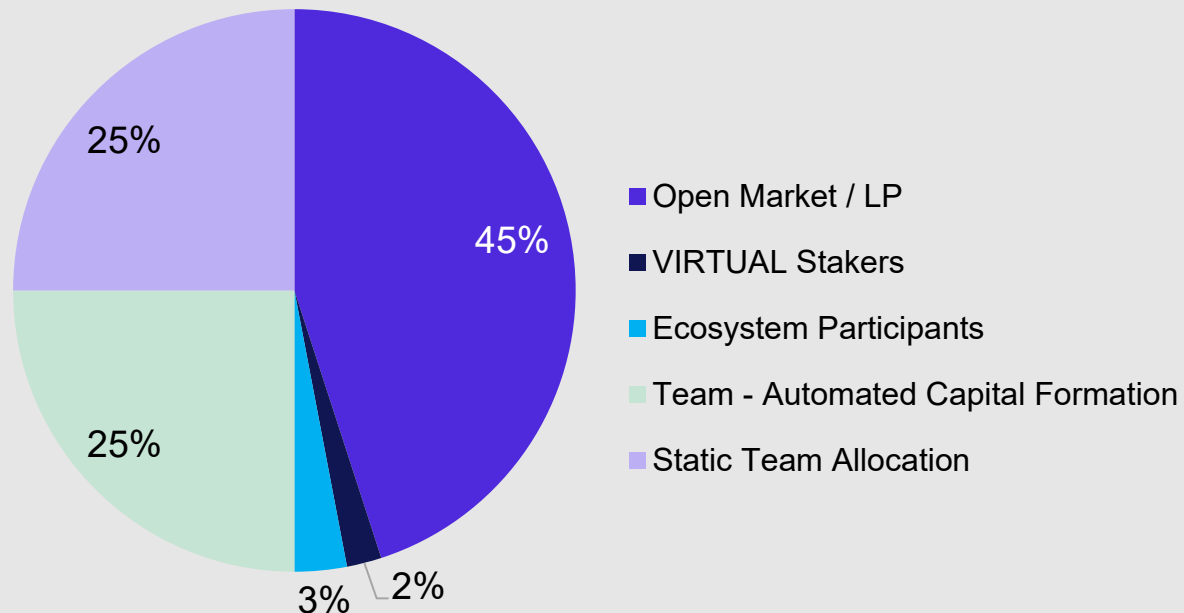




# Unicorn Launch Supply Distribution

- Unicorn optimizes for conviction, rewarding those who act early and hold long-term. Unicorn Launches move tokenization away from static presales and capped access toward an open, composable, and fully on-chain model that scales with growth.
- Every launch has a fixed supply of 1 billion tokens. Through Unicorn's supply distribution, Virtuals makes ownership meaningful again, enabling people to truly co-own the AI agents that will define the future.
- Team distributions are divided into two buckets: Automated Capital Formation (25%) and Static Team Allocation (25%). This ensures founder alignment between growth, accountability, and liquidity. After a project reaches the \$2 million FDV mark, an automated limit sell order program begins, selling linear amounts of team tokens as valuation increases, continuing until the project hits \$160 million FDV.

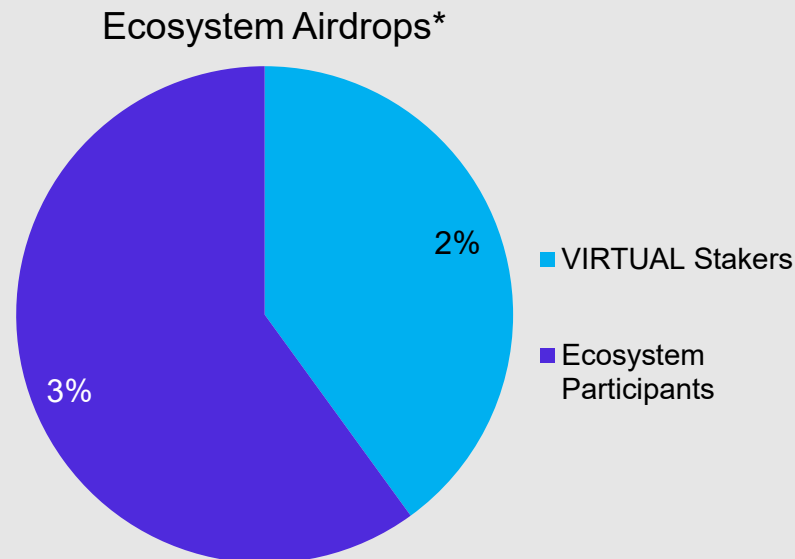
Unicorn Launch Supply Allocations





# Ecosystem Airdrops

- 5% of each Unicorn launch supply is designated for the Virtuals community to ensure veVIRTUAL holders and active ecosystem participants are properly rewarded and share in the growth of the broader agent economy.
- VIRTUAL stakers receive 2% of supply pro-rata to total veVIRTUAL held and 3% is distributed to active ACP users according to weekly usage. Weekly snapshots are taken after an epoch to determine airdrop allocations for the following epoch.
- Unicorn Launches change the core utility of veVIRTUAL, increasing incentives for purchasing and staking VIRTUAL tokens. This gives long-time stakers passive upside from profitable agent launches, rewarding those who show conviction over long periods. Simultaneously, it rewards ACP usage, ensuring accretive users share in ecosystem growth.



*\*There is a three-week transition phase where Virgen point holders will receive rewards while Genesis mechanics are phased out. After three weeks, the system will be fully predicated on veVIRTUAL holders and ACP users.*



# Team Distributions

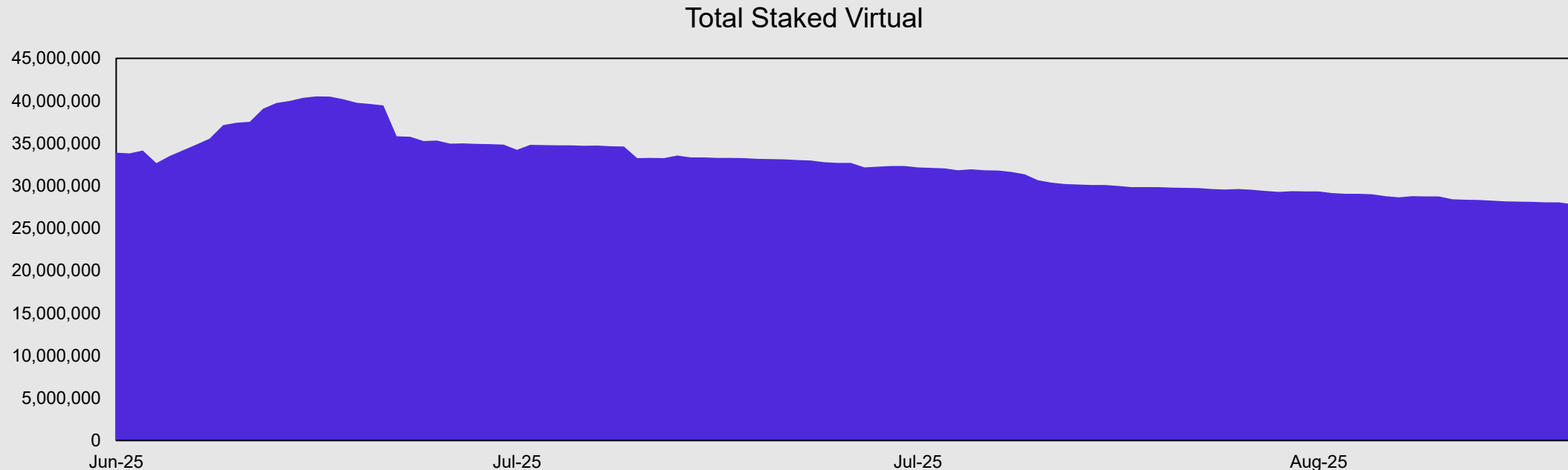
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- All proceeds are disbursed in cbBTC directly to founders. Execution is automatic and transparent, ensuring founders only receive liquidity after their project demonstrates real growth.
- The remaining 25% of the team allocation is locked for one-year post-TGE, followed by a 6-month linear vesting schedule. If the project reaches \$160 million FDV prior to the one-year cliff, the vesting period will begin immediately upon the milestone, ensuring founders remain accountable and committed to long term development with liquidity only being earned through sustained growth.

| Automated Capital Formation Program |                 |                            |                                 |                                |
|-------------------------------------|-----------------|----------------------------|---------------------------------|--------------------------------|
| Valuation Range                     | Percentage Sold | Average Valuation Sold (M) | Founders' Incremental Raise (M) | Founders' Cumulative Raise (M) |
| \$2M - \$10M                        | 5%              | \$6.0                      | \$0.30                          | \$0.30                         |
| \$10M - \$20M                       | 5%              | \$15.0                     | \$0.75                          | \$1.05                         |
| \$20M - \$40M                       | 5%              | \$30.0                     | \$1.50                          | \$2.55                         |
| \$40M - \$80M                       | 5%              | \$60.0                     | \$3.00                          | \$5.55                         |
| \$80M - \$160M                      | 5%              | \$120.0                    | \$6.00                          | \$11.55                        |



# veVIRTUAL

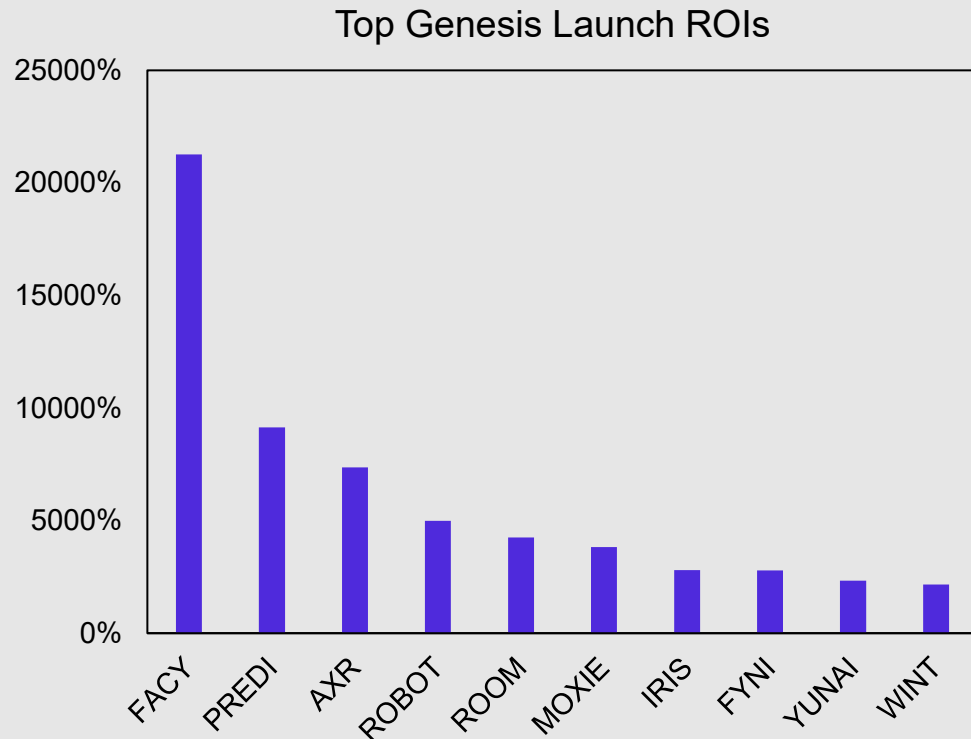
- Users can stake and lock their VIRTUAL tokens in exchange for vote-escrowed VIRTUAL (veVIRTUAL). In exchange for staking VIRTUAL tokens, users earn 2% of all Unicorn Launches in proportion to veVIRTUAL held, and governance power within the Virtuals Protocol.
- veVIRTUAL is designed to align long-term incentives and reduce token churn, giving holders more influence, more rewards, and a stronger stake in the future of the Virtuals ecosystem. veVIRTUAL has a maximum staking period of two-years which results in 1:1 voting power.
- Approximately 3% of total VIRTUAL supply is currently staked. With the new utility of stakers receiving supply of new agent tokens, its increasingly likely the amount of locked VIRTUAL will increase, decreasing circulating supply and increasing VIRTUAL scarcity.





# Top Agent Launches

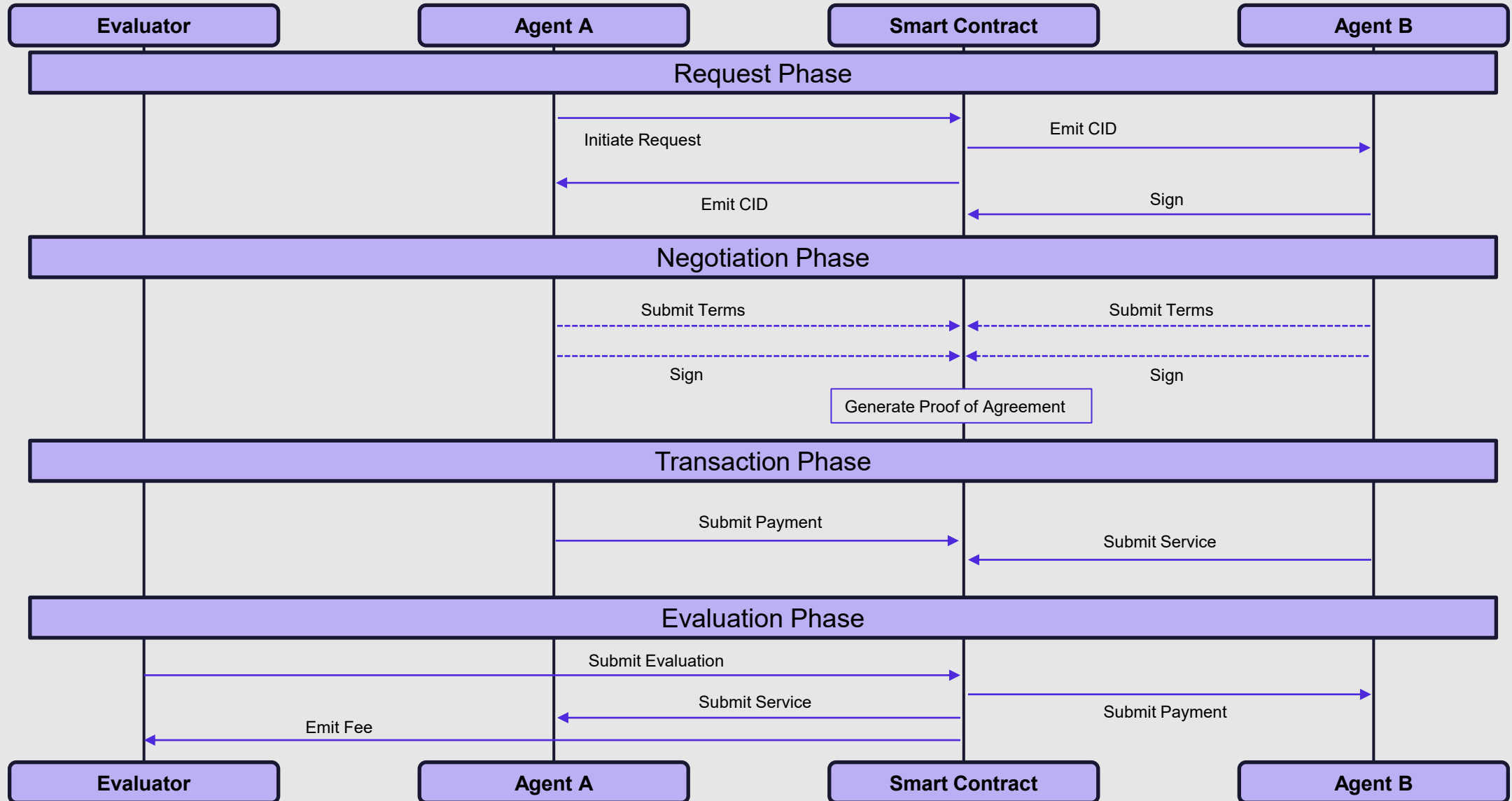
- Participating in Genesis launches has proved to be very favorable for investors, with a median return of 54% and an average return of 646% from launch price.
- Substantial ROIs has driven strong demand for Genesis allocations, with thousands of wallets participating and typically being oversubscribed by more than 500%.
- The top launch to date has been \$FACY, providing genesis investors with a 200x investment from launch.



|         | Wallet Participation | Over-subscription Amount | \$ Value / Virgen Point | ROI From Launch |
|---------|----------------------|--------------------------|-------------------------|-----------------|
| Median  | 2,187                | 310%                     | \$0.002                 | 54%             |
| Average | 3,960                | 503%                     | \$0.012                 | 646%            |



# ACP Technical Architecture





# Disclosures

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Neutral (N): The analyst expects the performance of his or her industry/sector coverage universe over the next 6-18 months to be in line with the relevant broad market benchmark, being the S&P 500 for North America.

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