



AINFT White Paper

V2.0

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Foreword: A New Paradigm Powered by AI & Blockchain

We are witnessing a profound paradigm shift in technology. Having evolved beyond the initial phase of connecting people and information, the internet is advancing toward a deeper integration of value and intelligence. The convergence of artificial intelligence (AI) and blockchain is giving rise to the next generation of digital infrastructure—one that promises greater efficiency and transparency while reimagining digital rights and economic models. Emerging at this critical juncture, AINFT is committed to laying the foundation for a next-generation internet: a more intelligent, equitable, and autonomous digital world.

In retrospect, AI's evolution represents more than technological advancements; it embodies the fundamental shift in humanity's understanding of intelligence itself. The symbol-based logical deduction systems of the mid-20th century set the stage for the early application of specialized applications in targeted domains. Subsequently, breakthroughs in deep learning—enabled by enhanced computing capabilities and data availability—catalyzed the mass adoption of general-purpose AI technologies such as foundation models and multimodal systems. AI has transcended laboratory confines and is now actively reshaping the entire world.

Embracing AI is no longer optional—it has become imperative. As AI permeates economic output, drives industrial revolutions, influences social governance, and shapes global competition, it is fundamentally redefining value creation and distribution. Its unprecedented capability to process complex information, optimize system performance, and amplify human creativity makes its integration with blockchain especially crucial for pioneers like us who seek to develop a credible, next-generation digital ecosystem. Blockchain provides decentralized trust mechanisms that safeguard data sovereignty, whilst AI renders systems self-adaptive and intelligent. Combine these two technologies, and we can construct a more secure, efficient, and transparent digital infrastructure. The synthesis of these technologies heralds a new machine-based economic paradigm that enables coordination between people and AI agents through well-defined rules and shared values.

AINFT emerges not from abstract theoretical ambitions, but from a set of questions: Can we create a digital ecosystem that genuinely prioritizes user autonomy while enabling large-scale intelligent technology deployment? Is it possible to unlock collective data value without compromising individual privacy? Can we make AI model training and inference processes transparent and auditable? And ultimately, can we establish a self-evolving mechanism that ensures fairer value allocation?

This vision stems from our rigorous analysis of the current digital ecosystem's limitations. The data and value monopolization by centralized platforms is eroding users' control over their digital identities and content. Despite the leaps and bounds in AI, the technology is falling into the grip of major corporations, reducing itself to an opaque and inaccessible "black box". Moreover, truly

intelligent and automated services remain frustratingly elusive for on-chain finance and asset management, which continue to rely heavily on manual interventions. These bottlenecks not only impede mass access to advanced technologies but also decelerate the evolution of digital ecosystems toward a more open and efficient future.

As such, we have conceived a digital ecosystem that supports AI agents, digital autonomy, and economic independence, built upon TRON's robust infrastructure and underpinned by deep integration of AI and blockchain technologies. In this context, AINFT is tantamount to a paradigm shift, rather than mere technological integration. It is our core conviction that the internet must be restored to its users, granting every participant the right to control, govern, and share value.

AINFT aspires to become a key AI infrastructure and innovation hub within the TRON ecosystem, facilitating large-scale deployment of smart agents, model training, and their tokenization as digital assets. Our broader vision, however, is to catalyze a fundamental transition from platform-centric control to user autonomy, dismantling data monopolies to democratize value sharing, and replacing manual interventions with AI-driven self-governance.

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I. APENFT

APENFT was officially incorporated in Singapore on March 29, 2021. Leveraging the underlying technology of leading public blockchains Ethereum and TRON, alongside its integration with the world's largest distributed data storage system BitTorrent File System (BTFS), APENFT is dedicated to the development of the creator economy and the fusion of finance and cultural arts in the metaverse, while bridging virtual and physical worlds.

As APENFT's strategic infrastructure, the APENFT Marketplace stands as the largest NFT marketplace within the TRON ecosystem. Since its April 2022 launch, it has emerged as an industry hub, enabling the free circulation of over 2 million on-chain NFT assets. Its gas fee subsidy covering up to 90% of transaction costs helped the platform slash user friction, facilitating a cumulative trading volume of over \$10 million. Building on this success, the Foundation launched the groundbreaking NFT launch platform, NFT Pump, in September 2024 to tackle NFT liquidity constraints and fair launch challenges. This platform combines the TRC-404 protocol standard with Pump's dynamic pricing mechanism for the first time, aligning incentives among NFT creators, holders, and secondary market participants while significantly boosting on-chain asset liquidity efficiency. It subsequently introduced an AI issuance tool to generate NFT-related information, which was one of the earliest AI applications embedded on a trading platform.

As for value creation in art, the APENFT Foundation has assembled a world-class collection covering both traditional masterworks and avant-garde digital pieces. Its inaugural acquisitions include Picasso's Cubist masterpiece "Femme nue couchée au collier", pop art pioneer Andy Warhol's "Three Self-Portraits," crypto artist Beeple's "Ocean's Front" and "ABUNDANCE" series (5 pieces), algorithmic art leader Pak's complete "Cube" NFT collection, and most recently, Italian artist Maurizio Cattelan's provocative banana installation "Comedian" (2024), which sparked immediate global attention. Valued at over RMB 200 million by prestigious institutions like Sotheby's and Christie's, this collection demonstrates the Foundation's academic grasp of art history and provides unparalleled cross-temporal cultural capital to fuel the development of its art ecosystem in the metaverse.

II. AINFT: AI + Blockchain

While we celebrate APENFT's past achievements, we are also keenly aware that we are witnessing only the opening chapter of a profound and rapidly unfolding revolution in AI. The emergence of AI agents powered by large language models (LLMs) is a pivotal milestone in AI's evolutionary trajectory. Beyond simple instruction execution and intelligent decision-making, these AI agents are also capable of resolving complex tasks. Continuous enhancements in LLMs, coupled with the integration of retrieval-augmented generation (RAG) and plugins that generate images, videos, and 3D models from textual prompts, are tapping into AI agents' expansive potential. Their development is progressing at an exhilarating pace, with groundbreaking capabilities emerging virtually every day.

Despite these technological advances, the integration of AI with Web3 remains constrained by a substantial gap between theoretical frameworks and practical implementation. Bridging this divide could reshape the way we interact with blockchain and DApps, laying the groundwork for a fairer digital ecosystem that offers broader and more equitable access to technological benefits.

It is this imperative that drives our exploration of AI-blockchain synergy. As a pioneering NFT platform on TRON and other major public chains, APENFT has been revolutionizing art and collectibles by solving longstanding challenges in asset issuance, authentication, and circulation since day one. The platform has successfully digitized scarce physical assets into unique on-chain tokens, enabling frictionless value transfer. However, as technology evolves at breakneck speed, both legacy blockchain systems and isolated AI solutions face glaring limitations in navigating the increasingly complex digital landscape.

Specifically, blockchain's unparalleled strength lies in its decentralized trust framework powered by distributed ledgers and consensus mechanisms, which guarantees reliable and transparent value exchange. But its vulnerabilities are equally clear: First is its inability to make intelligent decisions in sophisticated contexts. While smart contracts execute predefined rules flawlessly, they stumble when confronting ambiguous scenarios that require real-time external data feeds or predictive reasoning. Second, the prohibitive costs of on-chain operations make blockchains ill-suited for AI's data-intensive computations. Lastly, most blockchain-based applications remain shackled to basic financial functions and simple logic-based interactions, lacking the nuanced interfaces needed for meaningful and complex user engagement.

Conversely, AI, particularly LLMs and AI agents that have gained substantial traction lately, excel in cognition, reasoning, generation, and decision-making. They are capable of processing unstructured data and adapting to dynamic environments. But this cognitive prowess also comes at a price: Dominated by centralized training and deployment models, AI systems are prone to data breaches, manipulation, and bias. In addition, AI-generated value is difficult to

quantify and distribute fairly, while its decision-making processes often lack transparency and auditability, a phenomenon known as the "black box effect".

The complementary nature of these technologies inspired our evolution from APENFT to AINFT, which is a major paradigm shift that goes beyond mere technical integration. This shift reimagines the combination of AI and blockchain to create a self-evolving digital ecosystem. In this new paradigm, AI agents will function as autonomous on-chain participants that analyze market data, execute sophisticated DeFi strategies, manage liquidity pools, and even engage in DAO governance. No longer passive tools, these agents will become "digital citizens" with economic agency. Blockchain, on the other hand, provides the trust layer and economic rules that underpin this digital society. Together, they form a closed loop where value (blockchain) and cognition (AI) reinforce each other, enabling continuous learning, adaptation, and optimization. The result is a decentralized future that is highly automated, intelligent, and user-centric.

The rise of multimodal systems such as Sora, which seamlessly transforms text into dynamic, context-rich video, shows how AI is rapidly transcending single-modality boundaries. This evolution is critical for the next generation of on-chain AI agents: in the AINFT ecosystem, similar multimodal intelligence will empower agents to interpret unstructured data, simulate scenarios, and even autonomously generate NFT-based digital assets and experiences — all within a verifiable and decentralized environment.

The transition from APENFT to AINFT reflects our deep response to technological trends and user needs. It transcends the early-stage view of NFTs as mere proof of digital ownership, ushering in an era where they are perceived as intelligent, interactive entities. The AINFT ecosystem aspires to bridge the trust mechanisms of blockchain with AI's intelligence, creating a next-generation digital infrastructure capable of handling complex cognitive tasks while ensuring fair and transparent value distribution.

III. Our Vision

The AINFT ecosystem aims to become the cornerstone of the next-generation internet—smarter, fairer, and more autonomous. By fusing AI and blockchain, we seek to establish an intelligent, trustworthy, and self-sustaining digital ecosystem that serves as TRON's AI infrastructure and application framework.

1. Blockchain as a Trusted Data Source for AI

AI's development depends heavily on high-quality training data, yet the field currently grapples with data silos, opaque sourcing, and credibility issues. Blockchain's immutability, traceability, and transparency offer a revolutionary solution: By anchoring data on-chain, blockchain ensures the source's authenticity and integrity, providing a robust foundation for AI training. Additionally, with support for federated learning, zero-knowledge proofs, and multi-party computation, AI systems can collaboratively train models and perform inference without exposing raw data. This approach preserves privacy while breaking data monopolies—unlocking multi-party data's full potential in a secure, reliable environment with clear ownership frameworks. Together, these capabilities usher AI into a more open and trusted era.

2. Blockchain-Powered Decentralized Computation Network

Today, training and running large language models requires massive computational power, yet most of the world's compute is monopolized by a handful of tech giants, raising barriers to entry and driving up costs. A blockchain-powered decentralized compute network can pool fragmented GPU/CPU resources into an open, verifiable marketplace. Here, each contributor's resource usage is transparently recorded on-chain, while token incentives ensure fair, automated rewards. This approach democratizes AI model training and inference, enabling individuals and institutions to participate equally. Over time, this could give birth to a decentralized alternative to platforms like OpenAI, fueling open AI R&D collaboration and revolutionizing compute economics.

3. Blockchain Enables Model Ownership and Value Distribution

As AI models—especially generative models—proliferate, issues around copyright, attribution, and value distribution grow increasingly urgent. Blockchain can provide tamper-proof ownership records by anchoring models and their provenance on-chain, turning them into tradable digital assets (e.g., NFTs). Blockchain anchors models and their provenance on-chain as tamper-proof records, transforming them into tradable digital assets (e.g., NFTs). Contributions across data, algorithms, and compute can be quantified, recorded, and traced, powering transparent and fair reward mechanisms. This foundation not only enables decentralized, model-driven marketplaces (e.g., Ocean Protocol) but also facilitates the on-chain ownership tracking and automated profit-sharing for model creation, usage, and AI-generated content. Collectively, this builds an AI economy that fairly rewards creators and contributors.

4. AI Boosts Blockchain Security and Governance

Though blockchains are decentralized and tamper-resistant, they remain vulnerable to smart contract exploits, on-chain attacks, and inefficient governance. AI fortifies blockchain security and operations on multiple fronts: First, it detects fraud and attacks in real time by monitoring on-chain activity for anomalies. Second, it automates smart contract audits via code analysis and pattern recognition. Third, it enhances DAO governance through improved proposal quality, voter engagement, and decision speed. From risk management to on-chain governance, AI is evolving into an indispensable "intelligent guardian" for the next-generation blockchain systems.

5. AI Agents Drive Web3's Intelligent Future

The deep integration of AI and blockchain is transforming Web3 from a value-oriented internet to an intelligent one. Wallets and other user-facing apps are evolving into AI agents with autonomous decision-making and execution capabilities: they can manage portfolios, participate in DAO governance, and operate NFT assets on behalf of users. This synergy between AI and blockchain unlocks opportunities across industries. In finance, AI-driven risk analytics combined with blockchain's transparent ledger facilitate faster settlement and automated compliance validation. In healthcare, blockchain allows patients to authorize and securely store health data, enabling privacy-preserving, AI-assisted diagnosis. In supply chains, AI improves demand forecasting and logistics coordination, while blockchain provides end-to-end, tamper-evident traceability. In content and IP, blockchain records on-chain ownership of AI-generated works and supports licensing, royalty distribution, and secondary-market trading. Overall, this AI-agent-centric shift is redefining human-machine collaboration in the Web3 era.

6. Toward a Fair and Open Decentralized AI Economy

Today, the core technologies—and the lion's share of the profits—of AI are concentrated in a handful of tech giants. This concentration risks stalling innovation, entrenching algorithmic bias, and widening the gap between who creates value and who captures it. Blockchain offers an alternative: open, decentralized markets for data, compute, and models that empower communities rather than corporations. In this economy, every participant—from data contributors to compute providers, algorithm builders, and model users—earns a share of the value they help create, proportional to their contribution. Self-governing AI DAOs, intelligent economic agents, and evolving reward protocols form the backbone of an open, fair, and sustainable decentralized AI society. What is emerging is not just a technological paradigm shift but a real-world experiment in building a more equitable digital civilization.

IV. Architecture

The AINFT ecosystem is carefully engineered to fuse AI with blockchain, address the core industry challenges outlined above, and provide a solid foundation for an intelligent, trustworthy, and self-driven digital future. The design follows a layered, modular approach to ensure scalability, flexibility, and security. From the bottom up, the architecture comprises four layers: the Infrastructure Layer, Core Components Layer, Intelligent Services Layer, and Ecosystem Interaction Layer.

1. Infrastructure Layer

This layer serves as the ecosystem's trust layer and computational base, ensuring a decentralized, secure, and reliable environment.

Blockchain-Based Settlement

Built on the TRON network, this layer issues assets, settles transactions, and runs governance smart contracts. It benefits from TRON's high throughput, low fees, and active ecosystem.

Distributed Compute

Decentralized computing power is pooled to handle heavy AI training and inference. This avoids single points of failure and ensures no single cloud can monopolize the data.

Decentralized Storage

BTFS is used as a decentralized storage solution to keep AI model parameters, key interaction data, and metadata immutable, traceable, and available in the long term.

2. Core Components Layer

This layer supplies the core intelligent modules and the economic engine for building AI-powered DApps.

Multi-Agent Framework

Agent runtime environment: A secure sandbox for deploying and running AI agents. Developers can run agents on local machines, in the cloud, on edge devices, or mix these options as needed.

Communication and collaboration bus: A message-passing and event-driven hub that allows agents to communicate with other agents and smart contracts in a secure, asynchronous manner. It supports complex multi-agent workflows where different agents can coordinate and collaborate.

Unified API suite: Provides a complete set of developer-friendly interfaces, ranging from lower-level Core APIs to higher-level AgentChat APIs. The Extensions API and Magentic API are used to plug in external tools such as LLM calls, code execution, and web browsing, lowering the learning curve and speeding up delivery.

Asset Management Core

Visual agent minting: With a minimal-code/no-code visual interface, users can set an AI agent's behavior, capabilities, and economic rules in a simple graphical flow, then mint the matching AINFT and native token with one click.

Economic engine: A built-in, configurable smart-contract library for tokenomics that integrates the models of SunPump and NFT Pump. It automates token issuance, sets up liquidity pools, allocates fees, and rewards the community so each AINFT runs its own sustainable economy.

3. Intelligent Services Layer

This layer turns AI capabilities into ready-to-use intelligent services for upper-layer apps.

DeFAI Services Module

On-chain strategy library: Offers a set of audited, composable DeFi smart-contract templates that cover AMM optimization, cross-market arbitrage, and lending strategies. AI agents can call and execute these contracts automatically.

Off-chain data oracles and AI oracles: In addition to securing price feeds from external sources, the system introduces AI oracles that deliver validated insights to the chain, including sentiment analysis and risk assessments. Smart contracts can then make better-informed decisions on complex issues.

Decentralized AI Model Services: AINFT Grid

Collaborative training framework: Data owners can join model training by contributing datasets or computational power while keeping raw data private. Rewards are paid in tokens based on each participant's measured contribution.

Model marketplace and inference services: Trained models can be packaged as AINFTs, then listed for trading or licensing in a decentralized marketplace. Users pay to run inference, and revenue is split automatically among model contributors according to preset rules.

4. Ecosystem Interaction Layer

This layer serves as the bridge connecting the ecosystem, the wider world, and users.

Social Media Compatible

Social media adapters: Standard plugins and APIs enable AINFT agents to connect securely to Twitter, Discord, Telegram, and other major platforms. Agents can publish content, handle community interactions, and run user-growth campaigns on their own.

AI interfaces: Users interact with their AINFT agents through the web, mobile apps, or immersive 3D spaces. They can type, speak, or use simple visual controls, making the experience straightforward and intuitive.

Developer and Community Hub

Comprehensive developer suite with SDKs and APIs: Offers detailed documentation, working code examples, a testnet environment, and developer tools. This makes it easy for third-party developers to build new apps and agents on the AINFT stack.

User dashboard: A single home where token holders propose and vote on core protocol upgrades, treasury spending, and ecosystem fund allocations, enabling transparent, community-led governance.

V. Business Ecosystem

After years of development, AINFT's vision is taking shape through a suite of business initiatives.

1. AINFT Agent Framework—Multi-Agent System Framework

AINFT Agent Framework is a multi-agent system (MAS) framework created by the AINFT team. It is designed to provide developers with a complete set of components and toolchains for building AI agents, with a focus on multi-agent collaborative workflows. The framework adopts a layered, modular, and highly extensible architecture, where each layer has clearly defined responsibilities and low coupling. This ensures the stability of core functions while offering flexibility for custom extensions.

The AINFT Agent Framework offers the following key API modules as part of its core capabilities:

Core API: Delivers a message-passing communication system together with an event-driven model for scheduling agents. It allows agents to operate seamlessly across local and distributed environments and serves as the backbone for orchestrating complex MAS workflows.

AgentChat API: Streamlines agent interactions through a simple, high-level interface. Intuitive and fully featured, it flattens the learning curve and is perfectly suited for building quick prototypes and testing new ideas.

Extensions API: Offers extensibility through plug-in enhancements ranging from LLM clients to dynamic code execution, giving developers the freedom to tailor agent behavior.

Magentic API: Processes external resources and runs tasks. It provides simple, standard interfaces for web data crawling, code execution, and reading and writing files, expanding the real-world use cases for AI agents.

With this design, the AINFT Agent Framework streamlines multi-agent development while balancing performance, security, and maintainability. It lays a strong foundation for the next generation of distributed AI applications.

2. AINFT Nova—AI Agent Launch Platform

AINFT Nova is a groundbreaking platform for designing AI agents and launching them as tokens. Simplifying both agent creation and tokenization, it sets the stage for deeper fusion of AI and blockchain and for innovative use cases. The platform enables users to quickly deploy AI agents with personalized interaction and decision-making skills, and to issue a dedicated token native to each agent at the same time. This brings agent behavior and economic incentives together, creating a self-sustaining agent economy.

In terms of core functionality, the platform offers an intuitive, visual interface for configuring AI agents. Through graphical tools that require minimal coding, users can easily build agents capable of natural language processing, emotion recognition, and advanced social interaction without needing any programming expertise. This makes development significantly faster and more accessible.

On the tokenomics side, AINFT Nova integrates the models of SunPump and NFT Pump, automating token issuance, liquidity pool creation, and revenue distribution end to end. Each AI agent runs its own economy and community incentives, reflecting the principle of one agent, one economy, and keeping value circulating across the ecosystem.

On the operations and engagement front, the platform supports automated social media management across multiple platforms. The AI Agent publishes posts, answers comments, and connects with followers across platforms such as X. It learns continuously and adjusts its style, making interactions more natural and genuine and boosting user engagement.

Additionally, the system is built for scale. It supports flexible integration with a range of social platforms, including Discord and Telegram, and it is cross-chain compatible. In the future, support will grow to cover multi-chain and omni-chain environments, unlocking more scenarios and applications for AI agents.

Looking ahead, AINFT aims to support the integration of external multimodal foundation models — including text-to-video systems like Sora — into its decentralized AI ecosystem. This will allow developers to plug in state-of-the-art generation capabilities directly into AINFT agents, enabling seamless creation, tokenization, and monetization of AI-generated media within a fully on-chain environment.

With AINFT Nova, creators, developers, and teams can easily launch AI agents that combine social skills with built-in economics. This opens the door to a large-scale AI agent economy and drives AI and blockchain toward a more open, empowering, and innovative future.

3. AINFT AgentX—FinAgent Trading Framework

AINFT AgentX (FinAgent Trading Framework) is a next-generation AI-driven trading infrastructure for DeFi. By deeply integrating AI with blockchain technology, it delivers trading solutions that are intelligent and secure, with the capacity to continuously evolve. Built on a modular, scalable system, the framework integrates a wide range of AI models: machine learning models for market forecasts, reinforcement learning models for optimizing strategies, and NLP models for context-aware decision making. With this stack, developers can efficiently design, backtest, and deploy advanced quantitative strategies, especially for medium to low frequency trading in multi-chain DeFi, helping grow assets and manage risk across changing market conditions. In addition, all AI agents support the Agent Commerce Protocol (ACP) so assets can be managed interactively across the platform. This makes trading broader in reach and deeper in strategy.

AINFT AgentX handles asset management through smart contracts, delivering complete on-chain custody and automated execution. Smart contracts handle all asset operations and strategy scheduling, making money flows and strategy execution tamper-proof and easy to trace. Key mechanism upgrades and system parameter adjustments are governed by DAO-based community decisions, independent of centralized control. All major changes must be approved through a vote by token holders. This governance model ensures both fairness and transparency while effectively mitigating single points of failure and malicious manipulation risks, thereby providing institutional-grade security for user assets.

AINFT AgentX embraces open-source development and collaboration at its core. The platform makes its core protocols and algorithms fully available, accompanied by comprehensive technical documentation, an extensive set of API interfaces, and a range of practical example projects. These resources cover the entire development cycle—from strategy design and backtesting to live deployment. The framework encourages community-driven innovation by regularly hosting hackathons, offering ecosystem incentive programs, and providing open access to governance participation. These efforts invite developers and research teams to push the boundaries of algorithmic trading, shape industry standards, and create a more inclusive and innovative DeFi trading ecosystem.

AINFT AgentX aims to be the key infrastructure connecting AI with DeFi. With its highly autonomous, composable, and transparent algorithmic trading framework, the platform lowers the technical barriers and operational risks of participating in the DeFi market, enabling users to engage with the evolving digital finance landscape in a more intelligent, efficient, and accessible manner.

4. AINFT Grid—Decentralized AI Model Platform

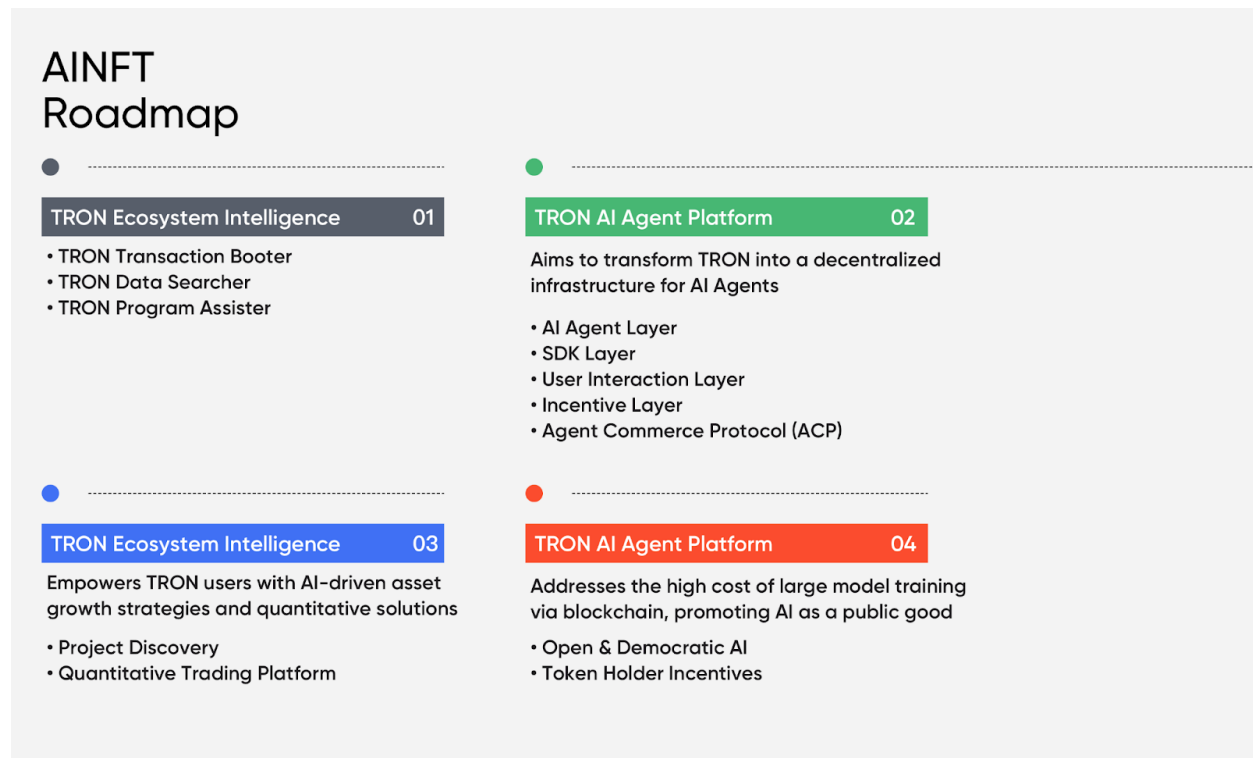
AINFT Grid is an open platform designed to drive decentralized AI model training and deployment. By integrating distributed computing with blockchain technology, it aims to build a more equitable, transparent, and efficient environment for AI development. Through a decentralized, distributed AI training framework, the platform transcends the limits of centralized systems, integrating global computing resources to lower costs and maximize efficiency.

AINFT Grid specializes in the foundational creation of LLMs and DeFAI models through collaborative training across distributed computing nodes. This approach strengthens model robustness and generalization while unlocking new levels of innovation and real-world utility. By leveraging smart contracts for task scheduling and incentive distribution, the platform fosters a sustainable, self-evolving ecosystem that fuels the creation and adoption of next-generation AI models.

Committed to open-source principles, AINFT Grid provides full transparency into its training architecture, core algorithms, and data processing workflows. It provides detailed, developer-friendly documentation and interface specifications that span the entire model lifecycle—from training and fine-tuning to deployment. Through clear technical guidance and diverse example projects, the platform significantly reduces barriers to entry for developers participating in decentralized AI training, fostering collaboration and knowledge sharing while accelerating technological iteration and ecosystem innovation.

AINFT Grid represents more than a technical platform—it serves as critical infrastructure for advancing toward an open AI ecosystem. The platform is committed to democratizing AI model training and distribution, empowering users and developers with greater autonomy while maximizing the social value and innovation potential of AI—without compromising data privacy.

VI. Roadmap



1. TRON Ecosystem Intelligence

TRON Transaction Booter: An LLM-powered system for executing a wide range of transactions on the TRON network.

TRON Data Searcher: A multimodal LLM-based system for querying diverse data across the TRON network.

TRON Program Assister: A foundation model-powered assistant that provides smart contract coding assistance and automated vulnerability detection.

2. TRON AI Agent Platform

Positioning TRON as a decentralized infrastructure for AI agent deployment and interaction.

AI Agent Layer: A Decentralized Identity (DID)-based framework for AI agent registration, interaction, and execution.

SDK Layer: A software development kit that enables streamlined creation of AI agents.

User Interaction Layer: An intuitive interface for discovering agents, assigning tasks, and settling fees.

Incentive Layer: An economic model designed to incentivize AI agent developers.

AI Agent Commerce Protocol (ACP): A universal protocol enabling commercial interactions and value exchange between AI agents within the ecosystem.

3. TRON DeFi Intelligence

Delivering AI-powered decision support and quantitative tools to build a smarter DeFi ecosystem.

Project Discovery: AI-powered automated identification of high-potential projects and protocols.

Quantitative Trading Platform: AI-assisted investment decision-making, strategy design, evaluation, and on-chain deployment.

4. Foundation Model Decentralization

By leveraging blockchain, the platform addresses the high cost of training foundation models. AI should be positioned as a public good countering the current trend toward closed, proprietary systems. By allowing token holders to share in the value they generate, the platform promotes models that are more open, decentralized, and accessible to all.

VII. AINFT Governance Token—NFT

1. Definition

AINFT exclusively uses NFTs as its official governance token within the ecosystem. Holders of the token can participate in AINFT governance.

2. Allocation

Token name: NFT

Underlying blockchain: TRON

Protocol standard: ERC20/TRC20

Issuance date: May 20, 2021

Issuance platforms: Leading crypto exchanges such as HTX

Total supply: 999,990,000,000,000 tokens

Initial issuing price: 0.000012 USD

Token allocation: artist partners—30%; DeFi airdrop and mining—19%; AINFT team—19%; initial exchange offering—2%; NFT work purchases—20%; partnerships—10%.

***All NFT tokens were fully unlocked as of May 1, 2023.**

3. Business Model

NFT holders can tap into AINFT's full suite of products and unlock tiered perks based on their holdings. By staking NFTs in the AINFT Foundation, they earn voting rights, empowering them to join decentralized governance, from deciding on artwork within the AINFT DAO ecosystem to participating in different levels of AINFT events.

4. Reward Mechanism

(1) DeFi Airdrop and Mining (Concluded)

Previously, users could earn NFTs by participating in liquidity airdrops and mining campaigns for BTC, ETH, DOGE, TRX, BTT, JST, SUN, and WIN. Platforms supporting these activities included SunSwap, JustLend DAO, and SUN.io, among others.

(2) NFT Airdrop and Mining (Concluded)

NFTs were distributed solely through decentralized airdrops and mining programs; holders of BTC, ETH, DOGE, TRX, BTT, JST, SUN, and WIN received NFTs as rewards.

(3) Governance Rewards

Participants who engage in governance activities within the AINFT ecosystem can earn additional NFT rewards.

(4) Campaign Rewards

Users may also receive NFT rewards for taking part in special campaigns and events across the AINFT ecosystem.

VIII. AINFT Team

1. AINFT Chair: Steve Liu

The chair of AINFT, Steve Z. Liu, holds a bachelor's degree in Electrical Engineering from Zhejiang University and an MBA from Columbia Business School. With over 20 years of experience in global capital markets, Liu has held senior roles at leading financial institutions including Fidelity International, Salomon Smith Barney, Nomura Holdings, and Ant Financial. He also successfully established and managed institutional equity business for a number of leading Chinese securities firms.

2. Partner Artists

AINFT plans to invite influential art creators and researchers from around the world to join the AINFT advisory team. We hope to build a cutting-edge stage for art exchange to encourage creativity, drive the value of artworks and lead the trend in the future art industry.

3. Other Members

Most of the AINFT team members are experts from the traditional art industry with experience in renowned art institutions, such as Christie's and Sotheby's. The technical backbone is formed by veteran engineers with prior experience at top internet companies like Baidu, Alibaba, and Tencent, with expertise in blockchain and cryptography. The team's breadth and depth of talent rank it among the industry's leaders.

IX. Resources & Contacts

AINFT official website: <http://ainft.com>

AINFT Marketplace: <http://apenft.io>

NFT Pump: <http://nftpump.meme>

AINFT Foundation: <https://foundation.apenft.io/>

Email: contact@ainft.com

TRON blockchain explorer: <https://tronscan.org>

Appendix: The AINFT Art Collection

1. Pablo Picasso: Femme nue couchée au collier

The year 1932 marked a pivotal moment in Pablo Picasso's life. In the first half of that year, he created a vibrant and emotionally charged series of portraits dedicated to his muse and lover, Marie-Thérèse Walter. *Femme nue couchée au collier*, completed on June 18, 1932, is one of the most iconic pieces from this period. Marie-Thérèse was one of Picasso's most important muses, sparking an unprecedented burst of creativity in his work. "There is no doubt," William Rubin declared, "that 1932 marks the peak of fever-pitch intensity and achievement, a year of rapturous masterpieces that reach a new and unfamiliar summit in both his painting and sculpture."



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2. Andy Warhol: Three Self-Portraits

A true landmark in the history of art, Andy Warhol's 1986 self-portrait stands among his most iconic images. Created just months before his death, it takes its place alongside masterworks by Rembrandt, Van Gogh, Picasso, and other artists who took their own aging visage as their last great subject. Adorned with a so-called "fright wig", the artist's skull-like face looms large amid a deep black void, haunting and enigmatic. In *Three Self-Portraits*, a trio of heads confronts the viewer, vividly rendered in green, silver, and yellow. The work is notable for its triptych structure: like Francis Bacon, who made similar use of the format for his own late self-portraits, the artist stages a bold encounter with his mortality, meeting our gaze three times with his own penetrating stare. At the same time, the image is laced with dark humor, subversion, and role play, befitting an artist whose identity and persona remained permanently shrouded in intrigue. It is a final flourish from one of the twentieth century's greatest cultural giants: an image that continues to keep the world guessing.



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3. Beeple: OCEAN's FRONT

This piece captures the essence of Beeple's artistic vision, reflecting his concerns about climate change. It is widely seen as one of the most important works in the NFT space.

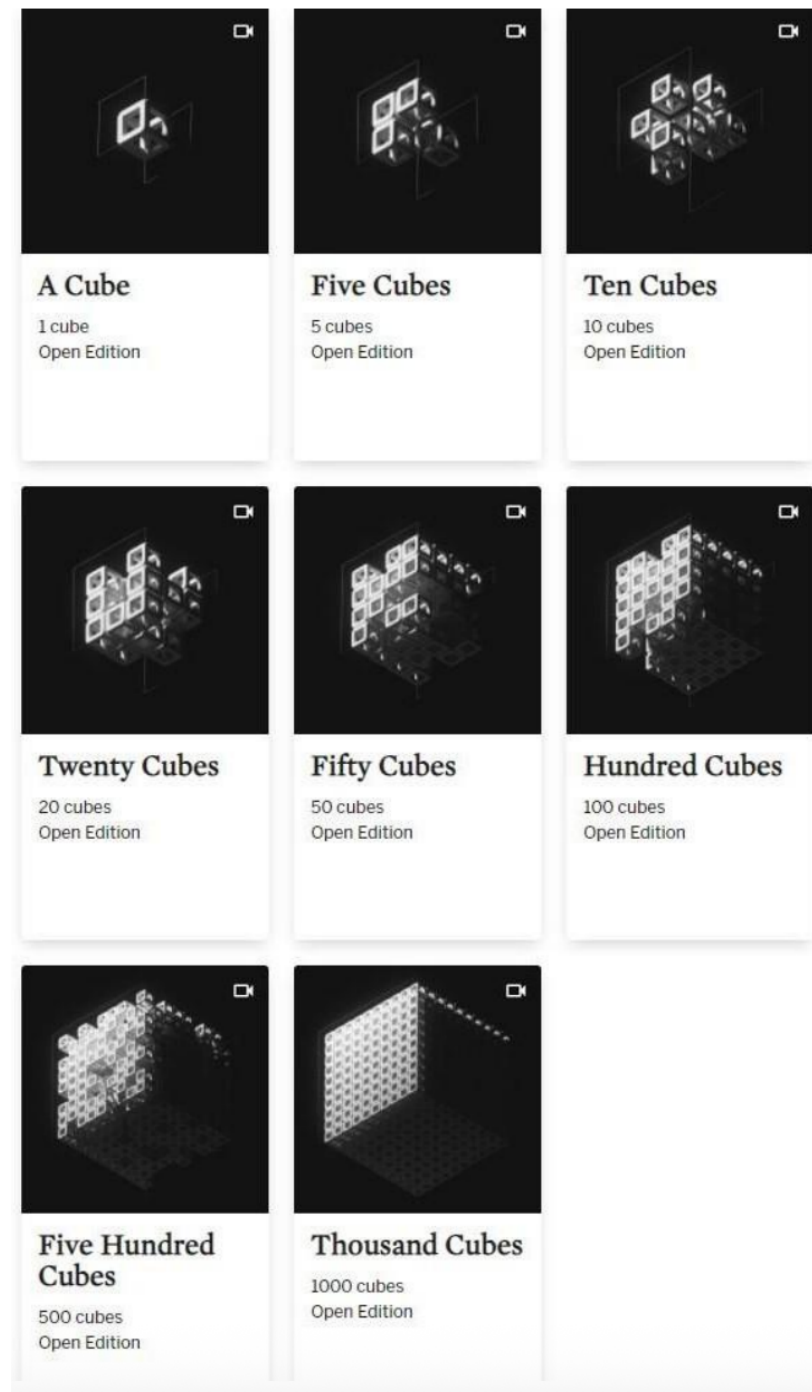


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4. Pak: Cube

Open Edition Cubes were a significant highlight of the auction. During the auction, bidders could purchase unlimited quantities of Cubes at a fixed price. These Cubes served as basic units for generating different NFTs, and bidders could acquire NFT tokens based on the number of Cubes purchased.



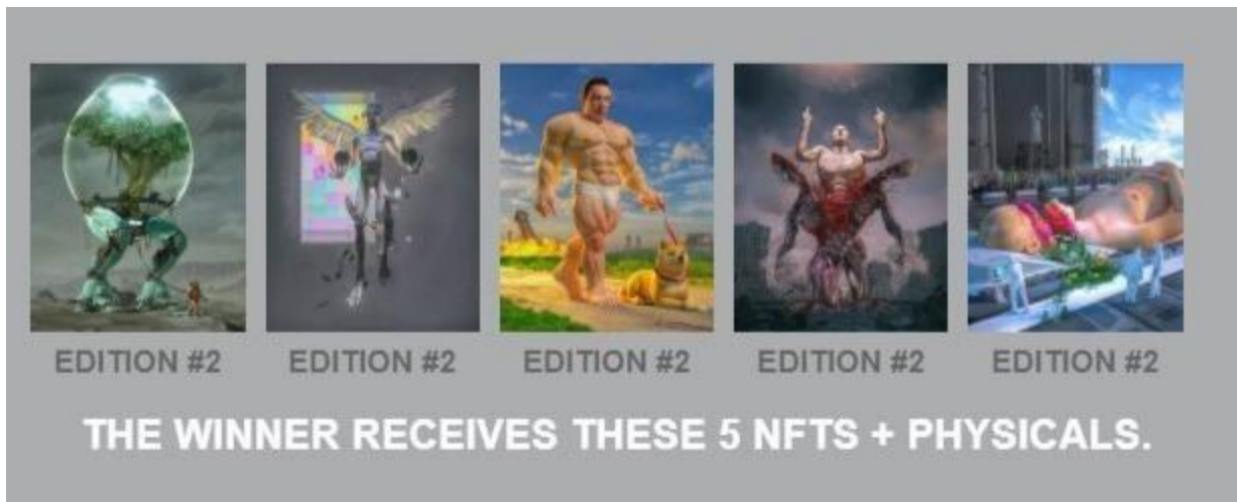
5. Boris Artzybasheff: THE COMPUTER IN SOCIETY

THE COMPUTER IN SOCIETY was created by artist Boris Artzybasheff and featured on the cover of Time magazine on April 2, 1965. The artwork depicts a vibrant, lifelike machine with an oversized brain eagerly consuming punch cards and data from workers below. This marked one of Time magazine's first covers to introduce computers as a technology that "influences the structure of society." As the 5,000-word cover story suggested, the computer, seen as the ultimate expression of a rising technological wave, was expected to bring about profound changes to human society. In 2021, following a recommendation by renowned internet entrepreneur Marc Russell Benioff, the original cover was minted as an NFT titled THE COMPUTER IN SOCIETY, APRIL 2ND, 1965.



6. Beeple: First NFT collection with Physical Components

This collection features five NFT artworks—ABUNDANCE, GIGACHAD, REBIRTH, BIOLOGICAL COLLECTIBLE, and JANUARY 1ST, 2021—each paired with a unique physical counterpart. The physical editions consist of an aluminum base, a custom frame, and a programmable LED display. When switched on, each piece displays a distinct lighting pattern. This marks Beeple's first release of NFT artworks accompanied by physical components.



7. Maurizio Cattelan: Comedian

Maurizio Cattelan's *Comedian* is a conceptual art piece that depicts, quite simply, a banana duct-taped to a wall. Yet this seemingly straightforward installation conveys a much more profound message for those willing to look beyond the surface and explore fundamental questions about the nature of art, its value, and the role of the audience. On November 21, 2024, this piece was sold at Sotheby's New York for \$6.2 million.

