NFTOWER

A NEW DIGITAL TOWER STANDING TALL IN THE WEB3 WORLD

NFTOWER, THE FUTURE INTERFACE BETWEEN NFT AND DIGITAL CIVILIZATION

SMART TRADING·ASSET APPRECIATION·SEAMLESS CROSS-CHAIN

NFTOWER

COMPANY BACKGROUND AND DEVELOPMENT HISTORY

NFTOWER

Founded on March 10, 2015, nftower is an NFT digital asset platform based in the United States and open to global users. Since its inception, nftower has always adhered to the product concept of "taking creative spirit as the core and structural aesthetics as the expression", and is committed to building a safe, reliable, and culturally profound Web3 aggregation platform.

As one of the earliest companies in the industry to explore NFT decentralized infrastructure, nftower has never pursued hype and hot spots from the beginning, but has focused on the confirmation, presentation and long-term value of NFT. In the early version of the platform, we have realized the confirmation of works and on-chain display functions, and gradually formed a "tower-style" structural interface logic, becoming an industry-recognized benchmark for content aggregation and visual navigation innovation.

The development path of nftower has always kept pace with technological evolution and user needs. From on-chain confirmation to interactive display, from art collections to functional NFT modules, we continue to expand the platform's usability and structural integrity. Today, nftower is not only a channel for creators to upload their works, but also a digital hub for collectors to explore digital culture and developers to access various functional modules.

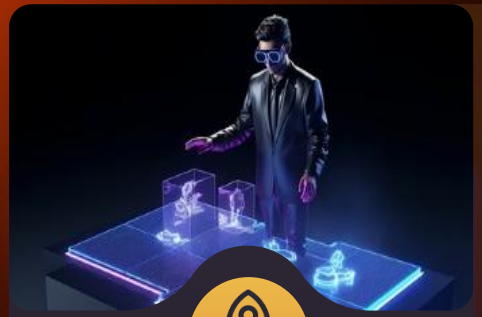
In terms of operational strategy, nftower uses the United States as a compliance center, follows local laws and policies to advance the project process, actively cooperates with various compliance reviews and data security requirements, and builds a robust and reliable trading and interactive environment for global users. Our core team members have many years of experience in Web3 technology and digital content industry, and have international thinking and technology implementation capabilities, providing solid guarantees for the long-term development of the platform.

Looking back over the past nine years, nftower is not a product of the trend that was achieved overnight, but an NFT cultural infrastructure project that has steadily developed through a series of substantial technical accumulation and platform ecological construction. In the future, nftower will continue to expand its cooperation network globally based on the principle of "platform is ecology, creation is asset", and promote the comprehensive integration of creator economy, digital rights confirmation, and on-chain asset management.

VISION AND MISSION POSITIONING

NFTOWER

At a time when the NFT wave is sweeping the world, nftower has always maintained a clear strategic positioning - not to be a derivative platform of exchanges, not to be a single-function content intermediary, but to be committed to becoming an NFT aggregation tower with real cultural expression and structural integrity in the Web3 world.



VISION

BECOME THE CULTURAL ENTRANCE TO DIGITAL CIVILIZATION

Become the cultural entrance to digital civilizationWhat nftower pursues is not short-term asset price fluctuations, but to build a digital cultural infrastructure that connects creators, collectors and developers through long-term cultivation, structural optimization and value precipitation. This is a "tower" that does not rely on hype-driven, but an ecological space built on trust, technology and art.

LET EVERY NFT HAVE THE RIGHT TO BE UNDERSTOOD, PRESERVED AND RESPECTED

We believe that the true value of NFT does not lie in scarcity itself, but in the expression intention and functional logic it carries. In nftower, each work is not only displayed, but also interpreted through structured on-chain information, allowing users to understand its background, setting and author's intention, and realize the transition from "ownership" to "meaning right".

MISSION

TRIPLE MISSION STRUCTURE

FOR CREATORS

Provide an aesthetically friendly, clearly structured, and fully confirmed content publishing platform, supporting on-chain logic customization (such as income rights, voting rights, and usage rights).

FOR COLLECTORS

Establish a transparent and reliable NFT browsing and trading mechanism, and strengthen the on-chain display and asset security mechanism.

FOR ECOLOGICAL DEVELOPERS

Provide flexible access API modules and secondary development toolkits to help build feature-rich and highly compatible Web3 application scenarios.

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PLATFORM POSITIONING AND CORE VALUES

NFTOWER

Globally, NFT platforms are showing a diversified development trend: some platforms focus on transaction efficiency, some platforms focus on community interaction, but platforms that truly have structural logic, aesthetic value and long-term cultural precipitation capabilities are still scarce. It is in this context that nftower has established its unique positioning - "Structural Aesthetics and Spiritual Aggregation Landmark of the NFT World".

THREE CORE POSITIONING OF THE PLATFORM .01

STRUCTURAL PLATFORM

Nftower's "tower-style" content architecture is not only a user experience design, but also a content navigation logic in a decentralized context. Each level represents a subject area, forming a sustainable and clear content map.

SPIRITUAL AGGREGATION LANDMARK

The platform encourages diverse expressions, supports independent artists, niche cultural communities and experimental content, and makes NFT a digital expression of creative spirit, not engulfed by traffic and not alienated by capital.

ON-CHAIN VALUE PRESENTER

Each work is not just a collection of pictures or codes, but a digital entity with complete on-chain documentation, verifiable data structure and purpose settings. Nftower makes "ownership" a meaningful on-chain record and extension.

CORE VALUE CONCEPT .02

AESTHETIC ORDER IS HIGHER THAN COMMERCIAL NOISE

Nftower takes visual aesthetics, content structure and cultural belonging as the primary value orientation of the platform, away from the single-dimensional definition of "image is hype".

REAL OWNERSHIP TAKES PRECEDENCE OVER SPECULATIVE CIRCULATION

We emphasize that every work must be traceable, controllable and verifiable to ensure that digital assets have "ownership" in both legal and technical senses.

SYSTEM TRUST IS STRONGER THAN TRAFFIC TRUST

Nftower builds long-term trust relationships through mechanism design, eliminates short-term brushing and false hype, replaces human dependence with data structure, and replaces central arbitration with on-chain transparency.

TECHNICAL ARCHITECTURE AND SYSTEM MECHANISM

NFTOWER

In the Web3 era, technology is not only the support of the platform, but also the foundation of trust. With "authenticity, robustness, and scalability" as the core technical principles, nftower has built an underlying system architecture that conforms to the development trend of NFT digital assets, ensuring the high-performance operation, security, and long-term evolution capabilities of the platform.

DESIGN OF UNDERLYING TECHNICAL ARCHITECTURE .01

MODULAR CONTRACT SYSTEM

All NFT functions are composed of independent contract modules, such as rights confirmation module, profit sharing module, circulation control module, etc. Users can customize the combination to meet the needs of diversified assets.

ON-CHAIN INFORMATION INTEGRATION ENGINE

Using cross-chain middleware and decentralized indexing protocols, integrate mainstream on-chain asset information such as ETH, Polygon, and Arbitrum to achieve unified display and interaction of cross-chain NFTs.

DECENTRALIZED STORAGE MECHANISM

The core data is based on the IPFS distributed storage system, and supports the Arweave permanent storage option to ensure the integrity and verifiability of the work data.

DYNAMIC VISUAL UI LAYER

The front end is built with React + Web3.js, with TowerUI visual language system, supporting high concurrent user interaction and customized NFT browsing experience.

SECURITY AND STABILITY MECHANISM .02

➢ MULTI-SIGNATURE WALLET MANAGEMENT

Platform assets are managed by multi-signature contracts to prevent single-point risks and malicious operations.

➢ COMPLIANCE DETECTION MODULE

All listed works are detected in real time by the risk control model called by the smart contract to intercept illegal content and potential infringing assets.

➢ NODE AUDIT MECHANISM

The system operation data is open and transparent, and is regularly audited and backtested by a third-party technical community to ensure the fairness of the platform mechanism.

SUSTAINABLE EXPANSION DIRECTION .03

➢ AI+NFT GENERATION ENGINE (UNDER DEVELOPMENT)

Access to stable diffusion model and AIGC tools to assist creators in efficiently generating customizable NFT content.

➢ DAO Governance Module (deployment plan)

Users can participate in the decision-making of key platform function upgrades based on their holdings and contributions, and achieve true co-governance and co-creation.

PRODUCT SYSTEM AND CORE FUNCTIONS

NFTOWER

The platform architecture of nftower is not only technology-driven, but also a reflection of the precise design of product logic. We take the "creator-work-structure-user" as the core starting point to build a product system that runs through content creation, asset confirmation, interactive display and user experience.

NFT TOWER STRUCTURE .01

Nftower has created a unique "tower-style content organization system", each layer symbolizes a subject area (such as digital art, virtual real estate, generative art, AI collaborative works, etc.), Providing users with a clear content browsing path and helping creators to get accurate positioning when their works are released.

- The upper layer aggregates high-heat topics and auction activities
- The middle layer displays long-term operating feature series
- The middle layer displays long-term operating feature series

This structured design not only improves user efficiency, but also reflects the platform's dual respect for the aesthetics and order of digital content.

VALUE-ADDED FUNCTIONS (PARTIALLY OPEN) .03

- NFT pledge and liquidity release (to be tested soon)
- On-chain reservation release and auction mechanism for works
- Holder community badge and identity authentication system

CORE FUNCTIONAL COMPONENTS .02

NFT RIGHTS CONFIRMATION AND CASTING TOOL

Supports uploading and on-chain generation of multiple types of files such as images, audio, 3D models, text, etc., and the contract is open to set trading rules, profit-sharing structure and authorization logic.

ON-CHAIN BROWSING AND DECONSTRUCTION DISPLAY

Each work is equipped with an on-chain meta-information visualization interface, including casting time, author signature, historical circulation record and contract summary, so that users can "understand" each NFT.

CONTENT SUBSCRIPTION AND INTERACTION MECHANISM

Users can subscribe to specific artists, themes or NFT level dynamics, and support various interactions such as likes, collections, comments and on-chain rewards.

CROSS-CHAIN WALLET ACCESS AND ASSET MANAGEMENT PANEL

One-stop integration of user multi-chain wallet addresses, automatic identification and display of held NFTs, with valuation, transaction history and recommended scenarios.

CREATOR TOOL INTEGRATION MODULE

Provides cover designer, work push presets, series combination tools and AIGC auxiliary generation interface, greatly reducing the threshold for content creation.

TECHNICAL ARCHITECTURE AND SECURITY MODEL

NFTOWER

In the Web3 world, the technical foundation of the platform not only represents service capabilities, but also the foundation of trust. nftower always adheres to the underlying design concept of "real technology, reliable data, and safe and controllable" to ensure that all assets and interactions of every user on the platform are transparent, stable, and verifiable.

SYSTEM ARCHITECTURE DESIGN .01

nftower adopts a modular microservice architecture, and the core is divided into the following layers:

➢ FRONT-END INTERACTION LAYER

supports web and mobile access, responsive design adapts to multi-terminal scenarios, and improves visual experience and loading efficiency.

➢ BUSINESS LOGIC LAYER

handles NFT casting, on-chain data reading, work management, display and interaction logic, and realizes efficient coordination of functional components.

➢ BLOCKCHAIN ACCESS LAYER

currently supports mainstream chains such as Ethereum, Polygon, and BSC, and will be expanded to more L2 networks and cross-chain protocols in the future.

➢ DATA INDEXING AND ANALYSIS LAYER

based on the Graph protocol and autonomous node construction, it provides work traceability, behavior analysis, and platform trend warning capabilities.

SUSTAINABLE TECHNOLOGY EXPANSION .03

- Deploy AIGC intelligent review system to achieve coordinated scheduling of content generation and risk prediction
- Deploy AIGC intelligent review system to achieve coordinated scheduling of content generation and risk prediction

SECURITY GUARANTEE MECHANISM .02

MULTI-LAYER DATA ENCRYPTION

User sensitive information is encrypted with SHA256, user operation paths are equipped with TLS protocol, and all off-chain data are multi-signed and backed up.

CONTRACT-LEVEL SECURITY AUDIT

All core smart contracts of the platform have passed multiple rounds of audits by professional third-party security institutions (such as Certik, SlowMist), and all logical call paths are publicly available.

RISK RESPONSE MECHANISM

Establish an "abnormal behavior identification model" to set risk alarm lines for key data such as account behavior, casting frequency, and on-chain circulation, and realize automatic freezing and manual review mechanisms.

PERMISSION CLASSIFICATION SYSTEM

The platform has multi-level permission channels for nodes, creators, and ordinary users, which limit various types of behavior permissions and on-chain call frequencies to ensure system stability.

CONTENT ECOLOGY AND COMMUNITY CO-CONSTRUCTION MECHANISM

NFTOWER

In the context of Web3, the success of the platform no longer relies solely on centralized operations, but is built on an open collaborative system in which creators, users and developers participate. nftower is committed to creating a "decentralized + aesthetic-oriented" content ecology, so that every participant can find their own value positioning and voice in it.

CONTENT HIERARCHICAL STRUCTURE AND CLASSIFICATION LOGIC .01

nftower adopts a "tower-style" structural design to divide the content ecology into the following thematic levels:

➢ FOUNDATION LAYER

Stores core NFT projects recommended by the platform, celebrity creator content and official cooperation projects;

➢ DISCOVERY LAYER

Emerging projects and creators dynamically pushed by the platform algorithm based on user interests;

➢ COMMUNITY LAYER

Brings together curation, comments and project incubation initiated by users to enhance the interactivity and sense of belonging of the platform.

Each layer operates independently, and through the "vertical logic" and "topic crossover" mechanisms, it achieves a two-way precise match between content recommendations and user interests.

CONTENT GOVERNANCE AND CONSENSUS MECHANISM .02

➢ COMMUNITY VOTING MECHANISM

Introducing the community token points model (nftower Points), holders can participate in the voting for popular projects, the selection of platform curation themes and the review of creator funding plans.

➢ OPEN AND TRANSPARENT CONTENT REVIEW PROCESS

All work review standards are formulated by community consensus, and the platform is only responsible for execution and publicity to avoid centralized content intervention.

➢ CONTENT INCENTIVE AND AUTHORIZATION MECHANISM

High-quality content can obtain platform exposure support and transaction fee refunds; creators can also customize whether to authorize others to create secondary works and obtain authorized profits.

CONTENT ECOLOGY AND COMMUNITY CO-CONSTRUCTION MECHANISM

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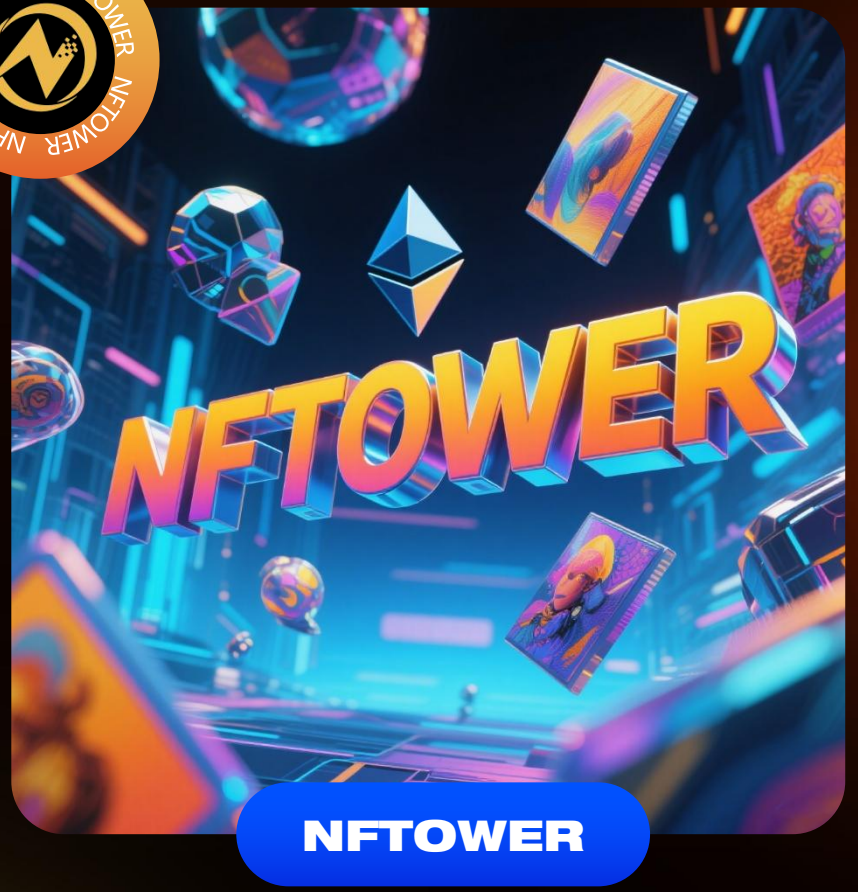
USER GROWTH AND ECOLOGICAL EMPOWERMENT .03

The platform introduces a "creative growth system" to assess user levels based on work quality, interactive popularity and transaction data, and open higher functional permissions;

Introduced the "on-chain curator" program to encourage community members to conduct NFT project analysis, theme planning and series recommendations;

Support users to initiate project proposal mechanisms (Proposal), any creator or user can submit platform function suggestions or ecological plans, and receive official support after community review.



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ON-CHAIN CONFIRMATION AND DIGITAL ASSET SECURITY MECHANISM

NFTOWER

The essence of NFT lies in verifiable scarcity and ownership, and the technical logic behind this is on-chain confirmation and smart contract execution. nftower always regards "asset security" and "transparent confirmation" as the technical cornerstones of the platform's trusted operation.

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DESIGN OF ON-CHAIN CONFIRMATION MECHANISM

Nftower all NFT works must complete the following on-chain verification steps when they are listed:

ORIGINALITY TRACEABILITY CERTIFICATION

Hash signature comparison of uploaded files to prevent content plagiarism or repeated chaining;

IDENTITY AND OWNERSHIP BINDING

ALL PUBLISHED WORKS ARE BOUND TO THE CREATOR'S WALLET ADDRESS, AND OWNERSHIP IS RECORDED IN REAL TIME;

MULTI-CHAIN DEPLOYMENT ARCHITECTURE

The initial deployment is based on Ethereum and Polygon, and will gradually be compatible with mainstream networks such as Solana and BNB Chain;

METADATA ON-CHAIN

The core information of the work (creation time, content category, license agreement, etc.) will be permanently recorded on the chain through smart contracts and cannot be tampered with.

ON-CHAIN CONFIRMATION AND DIGITAL ASSET SECURITY MECHANISM

NFTOWER

DESIGN OF UNDERLYING TECHNICAL ARCHITECTURE

The essence of NFT lies in verifiable scarcity and ownership, and the technical logic behind this is on-chain confirmation and smart contract execution. nftower always regards "asset security" and "transparent confirmation" as the technical cornerstones of the platform's trusted operation.

CONTRACT AUDIT AND VULNERABILITY WARNING MECHANISM

All core smart contracts are certified by third-party audit institutions, and integrated with automated risk monitoring tools to respond to abnormal transactions or attacks in a timely manner.

MULTI-SIGNATURE AND DISTRIBUTED ASSET CUSTODY

All core smart contracts are certified by third-party audit institutions, and integrated with automated risk monitoring tools to respond to abnormal transactions or attacks in a timely manner.

Authority separation and minimum access principle

Users of different roles are strictly separated in the platform access logic to prevent unauthorized operations, and API permission control is implemented for external plug-in access.

USER ASSET SELF-MANAGEMENT

nftower does not directly host user NFTs and tokens. All transactions are completed by user wallet signatures. The platform only exists as a transaction matchmaker and display party.

DISASTER RECOVERY MECHANISM AND EMERGENCY RESPONSE CAPABILITY

- Establish a 24/7 security operation and maintenance response mechanism to quickly handle platform failures or hacker intrusions;
- All user data is encrypted and backed up daily to ensure that the on-chain asset data and interaction logs are complete and recoverable;
- Carry out regular "black box testing" and security drills to enhance the platform team's response capabilities to extreme security incidents.

FUNCTIONAL MODULES AND PLATFORM INTERACTION LOGIC

NFTOWER

nftower is committed to providing users with an NFT interactive experience that takes into account artistic aesthetics, technical logic and operational convenience. The platform structures, visualizes and scenarios complex blockchain operations, and transforms them into clear and easy-to-use functional modules to ensure that users have a smooth interactive path in browsing, creation and trading.

"TOWER-STYLE" NAVIGATION STRUCTURE .01

The most recognizable design of nftower is the "tower-style" content classification structure, where each layer represents a specific content dimension or functional entrance:

CREATION FLOOR

Provides an operating interface for creators to upload, cast and edit NFTs;

GALLERY FLOOR

Centrally displays outstanding works that have been published, classified by theme or style;

COMMUNITY FLOOR

Users can participate in discussions, proposals, co-creation or voting here;

GOVERNANCE FLOOR

Equipped with platform announcements, rule suggestions and DAO governance entrances;

MARKETPLACE FLOOR

Integrates NFT purchase, exchange, price tracking and other trading functions.

This structure not only reflects the content logic, but also forms a symbolic "digital cultural tower" to help users naturally build platform memory.

CORE FUNCTION MODULES .02

➢ NFT CASTING SYSTEM

Users can upload files, fill in metadata, set copyright licenses and revenue models, and deploy NFT smart contracts with one click.

➢ ON-CHAIN DISPLAY ENGINE

Based on IPFS and on-chain reading functions, ensure stable loading of works, transparent copyright, and good browsing experience.

➢ RESERVATION AND AUCTION FUNCTIONS

Support NFT to set advanced sales logic such as "reservation start", "limited time purchase", "ladder pricing", and "Dutch auction".

➢ SECONDARY PROFIT SHARING AND BINDING INCOME

Support creators and holders to obtain continuous income in secondary circulation, and can set a proportional lock-up or deferred release mechanism.

➢ DAO PROPOSALS AND GOVERNANCE VOTING

NFT holders can submit proposals on platform improvements and participate in voting to form an on-chain consensus mechanism.

FUNCTIONAL MODULES AND PLATFORM INTERACTION LOGIC

NFTOWER

SMART CONTRACT DRIVEN INTERACTION LOGIC

All key interactions on the platform (such as confirmation of ownership, transactions, profit sharing, authorization, etc.) are automatically executed through smart contracts. User operations do not rely on centralized approval, ensuring that each asset interaction is open, transparent and traceable.

USER TIERED EXPERIENCE STRATEGY

PRIMARY USERS

Quickly get started through graphic guidance and operation templates to lower the threshold of Web3;

ADVANCED USERS

Support custom contract parameters and self-selected release chains;

INSTITUTIONS/DEVELOPERS

Can connect to open APIs to realize NFT calls or deep integration outside the platform.

INCENTIVE MECHANISM AND ECOLOGICAL CO-CONSTRUCTION PATH

NFTOWER

Nftower not only provides technical tools, but also encourages multiple parties to participate in platform construction through a clear incentive system to promote content prosperity and a virtuous cycle of ecology. Our incentive logic follows the core principle of "contribution is income, co-creation is sharing", and builds a sustainable multi-dimensional incentive system on the basis of ensuring fairness and transparency.

CLASSIFICATION AND ROLE RESPONSIBILITIES OF PLATFORM PARTICIPANTS .01

Nftower ecological participants mainly include the following categories:

Creators: upload original content and give NFT cultural and commercial value;

Collectors: invest and collect potential NFTs to support the creation of ecology;

Disseminators: spread nftower content and influence through social platforms, communities, etc.;

Developers: participate in the development and optimization of underlying functions and front-end interactions;

Governors: hold NFT governance certificates and participate in platform proposals and voting;

Cooperating institutions: provide resource diversion, content linkage or brand co-construction.

Each type of role can obtain corresponding incentives and rewards for its behavior, forming a dynamic ecological closed loop.

Core Incentive Mechanism .02

➢ CREATION INCENTIVE

- After the original content is released, you can get platform rewards through "number of collections + resale income + evaluation weight";
- If the work enters the recommendation list, special exhibition, etc., you can also get additional exposure and NFT airdrops.

➢ CIRCULATION INCENTIVE

- The handling fees generated by secondary market transactions will be distributed to creators, recommenders and platform funds in proportion;
- Support the "invite-transaction" incentive mechanism, and you can get profit sharing by promoting transactions through exclusive links.

➢ GOVERNANCE INCENTIVE

- NFT holders who participate in governance can obtain governance certificate points (GPI);
- GPI can be used for voting weighting, participation in internal testing modules, priority participation in new platform features or limited activities.

➢ Development Incentive

- Through open API and SDK interfaces, encourage the integration of third-party tools, wallets, data analysis and other services;
- Qualified contributors will be given platform points or NFT rewards according to module results.

INCENTIVE MECHANISM AND ECOLOGICAL CO-CONSTRUCTION PATH

NFTOWER

CONTENT ECOSYSTEM SUPPORT FUND .03

nftower has established a "Content Ecosystem Support Fund" for:

- Regularly funding potential independent creators or projects;
- Organizing theme solicitations, NFT exhibitions, on-chain workshops and other activities;
- Rewarding behaviors that promote ecological health and community activity.

All fund expenditures will be announced on the chain and decided by community proposals to ensure openness, transparency and efficiency.

LONG-TERM GOAL: THE CO-CREATION MECHANISM EVOLVES INTO THE CORE OF PLATFORM GOVERNANCE

In nftower's plan, the platform will eventually achieve a transition from "motivating user participation" to "co-governance by users". In the future, every rule, fee adjustment, and content standard will be collectively negotiated and decided by users holding governance certificates, truly realizing the co-construction and co-governance of a decentralized ecosystem.

COMPLIANCE STRATEGY AND LEGAL FRAMEWORK

NFTOWER

At a time when the Web3 field is evolving rapidly, compliance issues have become an important basis for measuring the sustainable development and international expansion of platforms. nftower always adheres to the premise of legality and compliance, builds a robust operating system and legal firewall, and protects the rights and asset security of all users.

PLATFORM COMPLIANCE PRINCIPLE .01

"TECHNOLOGY NEUTRALITY, RULES FIRST"

nftower always follows the principle of technology neutrality in platform design and function development, and does not directly interfere with user content and transaction decisions, but ensures that the overall behavior operates within the legal framework through smart contracts, access mechanisms and risk warnings.

FOLLOW INTERNATIONAL MAINSTREAM REGULATORY STANDARDS

The platform refers to the regulatory systems of countries and regions such as the United States, the European Union, and Singapore in terms of NFT, digital assets, and data protection, and actively adjusts product functions and operating strategies to adapt to diverse compliance needs.

CLARIFY CONTENT BOUNDARIES AND PREVENT LEGAL RISKS

For NFT content, we have an on-chain review and reporting mechanism to prohibit the release of content involving illegal, infringing, violent, hateful or sensitive politics to ensure the healthy operation of the platform.

LEGAL FRAMEWORK DESIGN .02

THE PLATFORM IS ESTABLISHED IN THE UNITED STATES

nftower has established an operating entity in the United States since 2015, which is regulated by local laws and has standardized business registration and tax qualifications.

THE CONTRACT MODULE FOLLOWS THE CHAINLAW STANDARD

All on-chain functions of nftower are executed through smart contracts, and the ChainLaw smart compliance framework is adopted to support multi-chain compatibility and cross-chain compliance review mechanisms.

DATA SECURITY AND PRIVACY PROTECTION

In accordance with the General Data Protection Regulation (GDPR) and the California Consumer Privacy Act (CCPA), the platform minimizes the collection of user data, desensitizes encryption on the chain, and controls user self-deletion.

COMPLIANCE STRATEGY AND LEGAL FRAMEWORK

NFTOWER

KYC/AML Procedures

- Nftower provides an optional KYC mechanism, with identity verification processes for specific high-frequency transactions, cooperation applications or governance participation;
- The platform integrates AML (anti-money laundering) detection services to intercept abnormal capital flows, associated blacklist addresses and money laundering paths;
- All user identities and transaction information are only decrypted in necessary scenarios and can only be used after user authorization.

COOPERATING LAW FIRMS AND AUDIT INSTITUTIONS

➢ LEGAL COUNSEL

Cooperate with many international law firms, including blockchain compliance firms in the United States, Hong Kong, Singapore and other regions;

➢ TECHNICAL AUDIT

All contract modules are tested by third-party security audit companies before going online to ensure code reliability and vulnerability warning capabilities.

FUTURE COMPLIANCE EXPANSION PATH

- As the NFT regulatory system gradually becomes clear, nftower will also:

Actively participate in industry associations and standard setting organizations;

Regularly update compliance white papers, user agreements and privacy policies;

Promote the inclusion of the platform DAO governance structure in the compliance path to achieve the integration of compliance and autonomy.

CORE TECHNOLOGY ARCHITECTURE AND SYSTEM LOGIC

NFTOWER

As a global NFT aggregation platform, nftower's underlying technology architecture must not only support the confirmation, visualization and interaction of on-chain data, but also have high-performance, high-security, scalable and verifiable system capabilities. This page will systematically introduce the core technology logic and operation mechanism of nftower.

OVERALL STRUCTURE OF THE PLATFORM SYSTEM .01

nftower takes "multi-layer structure and distributed deployment" as the core, forming the following five system modules:

- **ON-CHAIN INTERACTION MODULE (ON-CHAIN LAYER)**
  Responsible for all operations involving smart contracts such as NFT casting, transfer, and pledge.
- **CONTENT DISPLAY MODULE (DISPLAY LAYER)**
  Supports optimized loading, embedded background and hierarchical structure display of work image/video content.
- **USER LOGIC MODULE (USER LAYER)**
  Provides functions such as account management, browsing path, preference record, and interactive behavior storage.
- **DATA INDEXING MODULE (DATA INDEXING)**
  Archives, layers and retrieves all on-chain data to achieve rapid response and analysis.
- **COMPLIANCE AND RISK CONTROL MODULE (COMPLIANCE)**
  Embedded compliance blacklist, address risk control and behavior recognition module.

OVERALL STRUCTURE OF THE PLATFORM SYSTEM .02

The platform adopts a unique "tower-style" structure to divide NFT content into multiple "floors" and "exhibition areas":

- Each floor represents a main category (such as art, collectibles, games, identity, etc.)
- Each exhibition area is further subdivided according to style, creation age or chain type
- User browsing path can go from the bottom to the upper layer, realizing in-depth exploration of content and hierarchical understanding
- This design combines "structural guidance" and "visual order" to improve the efficiency of platform use and aesthetic unity.

CORE TECHNOLOGY ARCHITECTURE AND SYSTEM LOGIC

NFTOWER

SMART CONTRACT DESIGN PRINCIPLES .03

All core operations of the platform are completed through smart contracts, which have the following characteristics:

- **MODULAR STRUCTURE**
  Each function point is deployed independently to facilitate subsequent maintenance and upgrades;

- **TRACEABILITY AND VERIFIABILITY**
  Each transaction operation can be publicly verified, and all parameters are transparently recorded;

- **DAO COMPATIBILITY**
  The contract reserves the DAO decision-making port, which will be connected to the platform governance module in the future.

- **THE CORE CONTRACTS CURRENTLY DEPLOYED INCLUDE:**
  - NFT casting and destruction contract
  - NFT transaction and pre-sale reservation contract
  - User identity and authority management contract
  - Compliance label identification and risk control rule contract

DATA VISUALIZATION AND ON-CHAIN STRUCTURE INTERPRETATION .04

- Users can view the casting time, previous transactions, and collection records of each NFT in real time;

- The platform uses the graph analysis system to visualize the social path of NFT;

- Cooperative research institutions can obtain anonymized data sets based on API for analysis and verification.

USER STRUCTURE AND INTERACTION PATH DESIGN

NFTOWER

In the overall ecology of nftower, users are not only content viewers, but also co-builders of the platform ecology. To this end, nftower has designed a multi-dimensional, hierarchical, and growable user structure system, supplemented by a smooth and aesthetically logical interaction path to create a user experience that is both professional and friendly.

NFTOWER

USER TYPE CLASSIFICATION .01

Users can upload files, fill in metadata, set copyright licenses and revenue models, and deploy NFT smart contracts with one click.

CREATOR

- Submit original works to mint, price, display and sell NFTs;
- You can set the rights and interests of the works, such as flow control, secondary profit sharing, and on-chain signatures.

COLLECTOR

- Purchase and manage personal NFT collections;
- You can participate in transactions through appointments, limited-time auctions or collection lists.

DEVELOPER

- Access the platform API or SDK to build display tools, NFT extension applications, data analysis dashboards, etc.;
- You can participate in the governance of platform technology proposals (pending DAO opening).

VISITORS

- Browse public content without registration;
- Can enter the public floor exhibition area, view work details and creator information.

USER STRUCTURE AND INTERACTION PATH DESIGN

NFTOWER

USER GROWTH SYSTEM AND INCENTIVE MODEL

Nftower has built a parallel growth system of "contribution value + trust level":

- Contribution value measures the number of creations, collection behavior, and activity;
- Trust level is based on identity authentication, historical transactions and community interaction;

User growth level will affect their permissions and resource acquisition in the following aspects:

- Whether to create an independent exhibition hall;
- Whether to participate in the priority reservation of works;
- Whether to obtain platform resource recommendations and advertising exposure.

TOWER-STYLE INTERACTIVE PATH GUIDANCE

The platform adopts visual hierarchical navigation logic to guide users to explore in depth step by step:

- The homepage is the "Tower Square", which displays selected works, curatorial plans and recommended paths;
- Each floor is a themed block with navigation icons and scrolling labels;
- Click on the work to enter the "Exhibition Hall Mode", which supports mixed text and picture introduction, full-screen detail preview, and chain information pop-up window.
- Through this structure, nftower effectively improves user browsing efficiency and immersion, and avoids disordered information interference.

SOCIAL INTERACTION AND CO-CREATION MECHANISM

The platform adopts visual hierarchical navigation logic to guide users to explore in depth step by step:

- Supports on-chain messages, work rewards, likes, attention and creator subscriptions;
- Users can initiate "joint collection" and "joint release" plans, and distribute rights and interests through DAO logic;
- The platform will regularly hold "Creator Week", "Collector List", "Community Curation" and other activities to enhance user participation.

GOVERNANCE LOGIC AND DECENTRALIZATION STRATEGY

NFTOWER

As a platform with decentralization as its core concept, nftower not only embraces the transparent architecture of blockchain at the technical level, but also actively builds the institutional foundation for user participation and collective decision-making in the governance structure, and gradually promotes the platform to transition to a self-organized ecosystem.

1. GOVERNANCE CONCEPT: CONSENSUS FIRST, RULES FIRST

The governance tone of nftower is based on the following three core principles:

- Consensus First: All changes must reach a majority consensus through user voting or governance mechanisms;
- Transparent Rules: All governance processes and modification records are available on the chain;
- Trustless Infrastructure: Eliminate the risk of human intervention and automatically execute resolutions with the help of smart contracts.

2. INITIAL GOVERNANCE STRUCTURE (PLATFORM-LED)

At the current stage, nftower implements "semi-decentralized" governance, namely:

- Major product features, fee mechanisms, activity rules, etc. are jointly decided by the platform and creator representatives;
- Some community construction and content recommendation projects are open to user proposal participation;
- The platform team reserves the final review right for key security and technical issues to ensure the stable operation of the system.
- This model provides efficiency guarantee for the early development of the platform and accumulates participation mechanisms for subsequent community governance.

3. DAO MECHANISM PLANNING (TARGET STAGE)

In the medium and long term, nftower will gradually introduce DAO (decentralized autonomous organization) logic to achieve the following governance changes:

- Creator representative proposal mechanism: nominate representatives by staking NFT or contribution value, and propose system updates or activity plans;
- Community voting system: weighted voting for proposals, and voting rights are based on trust level and historical participation;
- Incentive pool allocation governance: The platform sets an ecological fund every quarter, and the DAO decides which creators and content plans to support.

The goal of DAO is not only to empower, but also to create a self-evolving and self-managing NFT ecosystem.

4. DECENTRALIZED EXECUTION PATH

The platform sets the following three-step route:

- On-chain contract automation: including reward distribution, NFT confirmation, and profit-sharing logic are all controlled by on-chain contracts;
- Data open source standards: nftower will gradually open work display, transaction records, and user behavior analysis API interfaces for community developers to build tools;
- Authentication neutrality: With the help of Web3 ID and decentralized authentication system, break the platform's central monopoly on account control.

BUSINESS MODEL AND PROFIT STRUCTURE

NFTOWER

On the premise of protecting the rights and interests of creators and users, nftower has built a sustainable and scalable profit model. It does not rely on short-term speculation and advertising revenue, but focuses on the platform's value precipitation and the establishment of a structural profit-sharing mechanism.

CORE PROFIT SOURCE: STRUCTURED NFT SERVICE FEE .01

The main income structure of the platform is as follows:

- **NFT RELEASE SERVICE FEE**
  When the creator issues NFT on the platform, nftower charges basic chain and display fees (based on size, level, and function pricing);

- **TRANSACTION MATCHING FEE**
  The platform charges a 1.5%-2% matching commission for secondary market NFT transactions;

- **FUNCTION UNLOCKING AND MODULE SUBSCRIPTION**
  Advanced functions such as limited voting, profit sharing, and contract customization adopt a monthly subscription or one-time authorization model;

- **NFT PROJECT CUSTOMIZED COOPERATION**
  Provide independent NFT structure development and display solutions for brands, art groups, museums, etc., and charge by project.

Through the above structure, the platform maintains a stable source of income and avoids excessive barriers to content creators.

ECOLOGICAL INCENTIVE STRUCTURE .02

In order to encourage active users and high-quality content supply, the platform will return part of the revenue to the community:

- **CREATOR INCENTIVE FUND**
  Platform rewards are issued every quarter according to the popularity, interaction volume and originality of the work;

- **USER PARTICIPATION REBATE**
  Users who participate in specific promotion tasks, governance voting, and on-chain behavior can receive platform tokens or points rewards;

- **PARTNER RECOMMENDATION MECHANISM**
  users who recommend high-quality projects and creators can obtain tiered commissions and governance weighted rights.

Such mechanisms not only promote the prosperity of the content ecosystem, but also improve the stickiness of platform users.

BUSINESS MODEL AND PROFIT STRUCTURE

NFTOWER

INTERNATIONAL VALUE-ADDED SERVICES .03

nftower also develops value-added services for global B-end customers:

- **NFT API AUTHORIZATION SERVICE**
  Provide API interfaces such as NFT display, confirmation, and transaction for third-party platforms;

- **WHITE LABEL COOPERATION SYSTEM**
  Output nftower framework to help overseas regions build localized NFT sub-platforms;

- **COPYRIGHT CHAIN VERIFICATION SERVICE**
  Provide on-chain confirmation and authorization verification solutions for traditional artworks/film/game content.

This part of the business has launched preliminary cooperation pilots with some European creator alliances and Japanese Artists Association.

SUMMARY OF PROFIT LOGIC .04

SOURCE OF INCOME	DESCRIPTION	MODEL
NFT release and display	Charges for chain and layered function services	One-time + subscription system
Secondary market transactions	NFT transaction matchmaking and guarantee services	Percentage commission system
Creator customized cooperation	Brand/art group customized services	Project system
API/white label authorization	Technology output for enterprises	Annual billing/authorization system
User ecological incentive return	Platform feedback mechanism to stimulate creation and participation	Incentive points + dividends

PLATFORM RISK CONTROL AND DATA SECURITY SYSTEM

NFTOWER

In the Web3 environment, risk prevention and control and data security are the core pillars of the platform's long-term operation and user trust. nftower has built a comprehensive and evolvable risk control system from multiple dimensions such as system architecture, contract design, user operation and compliance mechanism to ensure stable platform operation, transparent data and controllable user assets.

1. SMART CONTRACT AUDIT MECHANISM

All core smart contracts of nftower adopt the following multiple security strategies:

- Open source code and external audit: core contracts are regularly subject to comprehensive security testing by third-party audit institutions (such as CertiK and SlowMist);
- Upgrade control and delay mechanism: key modules adopt the "time lock + community voting" upgrade mechanism to prevent sudden code changes;
- Contract behavior monitoring: deploy an on-chain monitoring system to capture abnormal behaviors (such as abnormal casting and large transfers) and trigger warnings in time.

2. USER ASSET PROTECTION LOGIC

The platform adopts "non-custodial + visualization" asset logic:

- User private keys are not uploaded: nftower does not save any user private keys, and assets are completely controlled by user wallets;
- On-chain assets can be verified: the generation, circulation and display process of each NFT can be publicly verified on the blockchain;
- Multi-signature operation mechanism: important functions such as NFT freezing, deletion, and upgrades require multi-signature mechanism confirmation to avoid single-point authority abuse.

3. DATA STORAGE AND ACCESS CONTROL

Nftower ensures data stability and access efficiency through distributed architecture:

- IPFS content hosting: All NFT images, metadata and display content are stored in IPFS, which is tamper-proof and decentralized;
- Permission classification mechanism: Backend management operations are assigned according to module authorization to prevent authority violations and privacy leaks;
- Data desensitization: User behavior data is automatically de-identified when used for analysis to protect user privacy.

4. SYSTEM OPERATION AND RISK CONTROL PLAN

In order to deal with potential technical risks and sudden market events, nftower has formulated the following emergency plans:

- Technical backup mechanism: daily snapshot backup of key modules and deployment in multiple data nodes;
- Market risk control linkage: the platform sets up an NFT price fluctuation range warning mechanism to prevent malicious speculation;
- Security response channel: users can submit potential risks through the reporting system, and the platform has a dedicated person to respond 24 hours a day.

NFTOWER

DIGITAL LADDER TO THE FUTURE

EACH WORK IS A MICROCOSM OF CIVILIZATION

In the era of information explosion and technological innovation, what is truly trustworthy is not a short-lived trend, but a value structure that can stand the test of time. Since its inception, nftower has insisted on "building rather than hyping", integrating the spirit of creators, trust on the chain and aesthetic logic in every link, and is committed to creating an aggregation platform for global users to lead to the future digital civilization.

In the future, nftower will continue to expand the boundaries of the platform, enhance the interactive experience, deepen technical support, connect more creators, collectors and explorers, and jointly build a decentralized, open, co-created, long-term and stable NFT world.

This tower does not belong to any one person, but to all those who believe in the value of creativity and trust.

NFTOWER - A TRUSTWORTHY TOWER IN THE DIGITAL WORLD

NFTOWER